

Program

GROW



GROW

with ASHP

ASHP's Midyear Clinical Meeting is the largest gathering of pharmacists and the longest-running clinical meeting in the world!

We invite you to join us as we celebrate more than five decades of excellence in clinical pharmacy with a focus on improving patient care and medication safety. The Midyear meeting provides pharmacy practitioners with a value-packed event for updating knowledge, networking with colleagues, enhancing skills, and learning about the latest products and innovations.

Always one of our most popular destinations, Las Vegas offers our Midyear meeting attendees and exhibitors the best of both worlds — world-class hotels, where you can find pharmacy's best educational and networking opportunities, and one of the most exciting cities in the world, with seemingly endless entertainment and dining options.

All of the Midyear meeting's official sessions and events will take place at the newly expanded and updated Mandalay Bay Convention Center. So much has changed since the last time ASHP visited Mandalay Bay that it would be difficult to compile a complete list. However, you can count on a resort-wide remodel of guest rooms and suites, more conference space, and new entertainment and dining options just steps away from the meeting.



51st ASHP Midyear Clinical Meeting & Exhibition

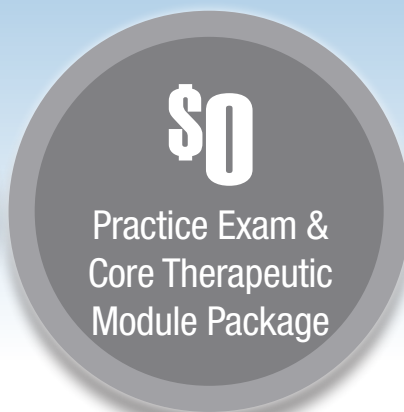
Las Vegas, Nevada

December 4-8, 2016

4	General Information
11	Convention Center Map
16	Education Information
19	Schedule-at-a-Glance
30	Special Events & Activities
36	ASHP Board Review and Recertification Events — Live
43	Pre-Meeting Workshops
44	Resident and New Practitioner Programming
49	ASHP Student Forum Programming
54	Programming for Small & Rural Hospital Practitioners
55	Pharmacy Residency & Technician Training Activities
57	Pharmacy Practice Sections Networking Sessions
62	Educational Sessions
107	Industry-supported Symposia
110	Posters
127	Acknowledgments
132	ASHP Staff in Attendance
134	Presenter Disclosures
135	Presenter Index
138	Shuttle Schedule & Hotel Map
140	Color Cards

ASHP's 2017 Review and Recertification Reward Program (RRRP)

**Ambulatory Care Pharmacy* | Critical Care Pharmacy
Pediatric Pharmacy | Pharmacotherapy**



The first program of its kind, the **RRRP** was developed to ease the financial burden on residents and new practitioners preparing for board certification during this unique time in their pharmacy careers.

You can choose between the live review course or the online, home-study course. You will also have access to the Practice Exam and Core Therapeutic Modules for free.

HOW DOES THE RECERTIFICATION PORTION WORK?

For just \$10 per month during the initial 7-year recertification cycle, you will have access to the entire online catalog of recertification activities for your specialty. This price will never increase.

Monthly billing for the recertification plan will begin on January 1 of the year following your exam. If you do not pass the exam, contact the ASHP Customer Relations department.

**To reserve your spot in the RRRP program, visit
www.ashp.org/rrrp**

*Ambulatory Care Pharmacy programs are developed in partnership with the American Pharmacists Association (APhA).



Visit Booth 1665 in the Exhibit Hall

Welcome!



A MESSAGE FROM THE PRESIDENT

Welcome to Las Vegas! It is great to be back in this city of boundless energy and excitement for the largest gathering of pharmacists in the world. I'm looking forward to joining you this week as we take advantage of all the exceptional opportunities for continuous professional development and networking that the Midyear Clinical Meeting and Exhibition offers.

We're kicking off our award-winning meeting with an inspiring keynote address and Q&A with Super Bowl MVP Peyton Manning. And that's just the beginning.

The ASHP LIVE app, along with this program book, is your day-by-day guide for everything happening this week, including educational programming targeting students, new practitioners, federal pharmacists, and practitioners in settings across the entire spectrum of care. I encourage you to meet with your colleagues during one of the many networking sessions, check out the latest technological advances in our expansive exhibit program, and take in the first-rate science and research presented in the poster sessions.

We're striving to exceed your expectations. Please let us know how we are doing by sharing your thoughts with the ASHP Board and staff members here in Las Vegas. Or send me an e-mail at president@ashp.org.

Sincerely,

A handwritten signature in black ink that reads "Lisa M. Gersema". The signature is written in a cursive style.

Lisa M. Gersema, Pharm.D., M.H.A., BCPS, FASHP

ASHP President

GENERAL INFORMATION

The Mandalay Bay Convention Center includes the South Convention Center, North Convention Center, and the Events Center. **All ASHP sessions, events, and exhibits will take place in the South Convention Center** unless otherwise noted.

Registration

Preregistered? Just Scan & Go at our new satellite registration kiosks located at the MGM Grand, Conference Center, Level 1, and Mandalay Bay, South Pacific Registration Desk, Lower Level*.

Preregistered attendees: Bring your registration confirmation barcode with you. Scan it at our new satellite registration kiosks and be on your way.

Hours:

Saturday – Sunday*	7:00 a.m.–5:30 p.m.
Monday	7:00 a.m.–12:00 p.m.

Mandalay Bay Convention Center Registration **Bayside A, Level 1**

Preregistered? Just Scan & Go!

Preregistered attendees: Be sure to bring your registration confirmation barcode with you — it'll get you through the fast lane of Scan & Go registration. Simply scan your registration barcode at the Scan & Go self-registration kiosks. Self-registration kiosks can also be used for onsite registration.

NOTE: Registration orders must be paid in full, and you must present photo identification prior to badge pickup.

Hours:

Saturday – Monday	7:00 a.m.–5:30 p.m.
Tuesday – Wednesday	7:30 a.m.–5:00 p.m.
Thursday	9:00 a.m.–12:00 p.m.

Attendee Onsite Registration

Assistance will be available if you choose to register onsite and not use self-registration kiosks.

Customer Relations

If you would like to renew your membership, check on a recent order, or update your profile, visit Customer Relations, located next to Attendee Registration.

Hours:

Saturday – Monday	7:00 a.m.–5:30 p.m.
Tuesday – Wednesday	7:30 a.m.–5:00 p.m.
Thursday	9:00 a.m.–12:00 p.m.

Name Badges

Badges should be worn at all times. Your badge is your admission pass for all meeting sessions, posters, Residency Showcase and exhibits. The QR code on your badge contains your registration information. Use it in the Exhibit Hall to request information from exhibitors and to save time in completing surveys and forms by allowing exhibitors to scan the code on your badge. If you lose your badge, check with Meeting Info or go to Lost and Found located in the ASHP Headquarters Office (Surf F, Level 2) to see if it has been turned in. Lost badges can be replaced at Attendee Registration for a **\$40 fee**. Badge ribbons are available from the Membership Information Center, Level 2.

The letter on your badge represents your primary position as follows:

- A = Director, Associate or Assistant Director, Clinical Coordinator, Other Supervisory Position
- B = Staff Pharmacist, Clinical Pharmacist–General, Clinical Pharmacist–Specialist, Faculty
- C = Resident
- D = Student
- E = Technician, Physician, Nurse, Medication/Patient Safety Officer, Informatics/Technology Specialist, Other

“PPS” or @ = PPS Participant

Badges are color-coded as follows:

- Full Registration: Yellow
- Part Time and Business Clients: Red
- Exhibitor: Green
- Exhibit Pass Guests: Blue

Emergency Contact Information Card

An Emergency Contact information Card is included with your badge. Please fill it out with your emergency contact's information and place it behind your name badge in the badge holder. This will help ASHP staff to contact someone on your behalf in the event of an emergency.

Certificate of Attendance: International attendees may pick up a certificate of attendance at the attendee registration desk or at meeting information.



ASHP would like to thank Sagent Pharmaceuticals for their sponsorship of the meeting lanyards.

SAGENT®

ASHP Headquarters Office**Surf F, Level 2**

Registrants may contact ASHP staff and make general meeting inquiries.

ASHP Store**Mandalay Bay Foyer, Level 2****See What's New at the ASHP Store!**

Explore the latest products from ASHP, all developed to meet your practice needs. At the ASHP Store, you can not only browse print publications, but you can also learn more about ebooks, apps, and online subscriptions, as well as continuing education programs available through ASHP's eLearning platform.

Take advantage of extra savings while at the store. Prior to the meeting, we'll provide a special code that will allow you to save 10% on all products. This discount can be used at any time from Saturday, December 3, through Thursday, December 8. If you have limited time to purchase while at the Midyear Clinical Meeting, you can browse the latest product offerings and then place your order from your smartphone, tablet, or PC, regardless of your location.

Do you need to renew your membership? You can renew within seconds at checkout, and you can make a donation to the ASHP Research and Education Foundation at the same time. Every purchase in the store comes with a special gift from ASHP.

Once again, ASHP thank-you cards will be for sale — a perfect item to pick up and hand-deliver after interviews at PPS and the Residency Showcase.

Hours:

Saturday – Monday	7:00 a.m.–5:30 p.m.
Tuesday	7:30 a.m.–5:30 p.m.
Wednesday	7:30 a.m.–5:15 p.m.
Thursday	8:30 a.m.–3:15 p.m.

Business and Social Functions

A listing of business and social functions scheduled at official meeting hotels is available on the Midyear meeting website, ASHP LIVE app, and in the meeting registration bags.

Business Center – FedEx Office**Bayside Foyer**Email: usa5528@fedex.com**(Near Bayside A), Level 1**

Phone: 702-262-5320

Hours:

Open seven days a week	7:00 a.m. to 6:00 p.m.
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CE Info Center**Bayside Foyer, Level 1**

Need help processing CE? Visit the CE Info Center or email educserv@ashp.org.

Hours:

Sunday	12:00 p.m.–6:30 p.m.
Monday	7:00 a.m.–6:00 p.m.
Tuesday	7:30 a.m.–5:30 p.m.
Wednesday	7:30 p.m.–5:15 p.m.
Thursday	8:30 a.m.–3:15 p.m.

Coat & Baggage Check**Bayside A, Level 1**

Coats, bags, and posters can be checked during the meeting.

Hours:

Sunday	7:00 a.m.–5:30 p.m.
Monday	6:30 a.m.–6:00 p.m.
Tuesday	7:30 a.m.–6:00 p.m.
Wednesday	7:30 a.m.–5:30 p.m.
Thursday	8:30 a.m.–3:30 p.m.

Code of Conduct

ASHP is committed to providing a collegial, safe, and welcoming environment in which all individuals are treated with respect and dignity. The ASHP Event Code of Conduct outlines ASHP's expectations for all who participate in ASHP meetings and events, as well as the potential consequences for behavior which violates this Code of Conduct. To learn more, visit <http://www.ashp.org/DocLibrary/Meetings/ASHP-Event-Code-of-Conduct.pdf>.

Concierge

Mandalay Bay's concierge is available to assist you with world-class dining, shopping, and entertainment arrangements. The Concierge Desk is located in the Mandalay Bay Hotel Lobby and can be reached by dialing 74760 from any Mandalay Bay house phone or at 702-632-4760.

Consent to Use of Photographic Images

Registration and attendance at, or participation in, ASHP meetings and other activities constitutes an agreement by the registrant to ASHP use and distribution (both now and in the future) of the registrant or attendee's image or voice in photographs, videotapes, electronic reproductions, and audiotapes of such events and activities.

Consumption of Alcoholic Beverages Policy

Attendees of the meeting should take note of the policy approved by the ASHP House of Delegates regarding the consumption of alcoholic beverages:

"That alcohol is a drug and should be used with the respect and concern afforded to any drug; that pharmacists should extend their professional obligations and responsibilities to alcohol use by individuals and themselves; that pharmacists have an obligation to ensure that, if consumed, alcohol is used only responsibly; that pharmacists, by example in their personal conduct, should foster awareness of the nature of alcohol and responsible use of alcohol by those who choose to use alcohol; and that ASHP and its members continue to support and foster impaired-pharmacists programs as a means of providing opportunities for such individuals to rehabilitate themselves."

Exhibit Program**Bayside CD, Level 1**

Featuring some of the most innovative technologies and products, the Exhibit Program is a must-attend component of the Midyear meeting. Peruse the hall, participate in a hands-on demonstration, and learn for yourself how exhibitor companies and their products are helping to define what is important to patient care, your practice, and your career.

Find a current list of exhibitors on the ASHP LIVE app or in the Exhibitor Yellow Pages.

continues >

General Information

Hours:

Monday – Tuesday	11:00 a.m.–3:00 p.m.
Wednesday	11:00 a.m.–2:00 p.m.

You must be 16 years or older to enter the Exhibit Hall.

First Aid Station **Bayside A Foyer, Level 1 (behind FedEx Office)**

First aid is accessible by calling Mandalay Bay Security.

- Dispatch from any in-house phone located throughout the Convention Center.
- Pick up any in-house phone and dial 77911. From a cell phone, call 702-632-7911.
- Request first aid service and state your location.

Food and Beverage

Food and beverage outlets and concession stands are available in the South Convention Center, including the Exhibit Hall during open hours. There are also a variety of restaurants located within the Mandalay Bay Hotel, the Shoppes at Mandalay Bay Place, and the Luxor Hotel, just steps away from the Convention Center. Check the ASHP LIVE app for more information on dining options and hours of operation.

Future Meetings **Mandalay Bay Foyer, Level 2**

Stop by the ASHP Future Meetings area and pick up information on upcoming ASHP meetings and conferences.

Remember to mark your calendars for:



**2017 ASHP
Summer Meetings & Exhibition**
Minneapolis, Minnesota
June 3-7, 2017



52nd Midyear Clinical Meeting & Exhibition
Orlando, Florida
December 3-7, 2017

A special thank you to our future meeting city partners!
(See opposite page.)

Housing (Orchid Event Solutions) **Bayside A Foyer, Level 1**

A representative from Orchid Event Solutions, ASHP's official housing company, will be available to assist registrants with hotel related matters. Registrants may also call Orchid Event Solutions directly at 877-505-0675. Agents will be available to assist Monday through Friday from 9:00 a.m. to 8:00 p.m. ET.

Hours:

Saturday and Sunday	7:00 a.m.–5:30 p.m.
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Lost and Found **Surf F, Level 2**

Located in the ASHP Headquarters Office during meeting days and hours. Afterwards, attendees may call the Convention Center's Building Security non-emergency line by dialing 702-632-7995.

Meeting Information Center **Bayside Foyer, Level 1**

Do you have a question about the Midyear meeting? Stop by the Meeting Information Center for the answers.

Hours:

Saturday	7:00 a.m.–5:30 p.m.
Sunday	7:00 a.m.–6:30 p.m.
Sunday	7:00 a.m.–6:00 p.m.
Tuesday	7:30 a.m.–6:30 p.m.
Wednesday	7:30 a.m.–5:15 p.m.
Thursday	8:30 a.m.–3:15 p.m.

Membership Information Center **Mandalay Bay Foyer, Level 2**

Discover unique opportunities for networking, career growth, and continuing education, all of which will help you advance professionally. Get to know members of the ASHP Section and Forum Executive Committees, learn how to make the most out of your membership, and become an active member through some of the hundreds of ASHP leadership opportunities. Volunteers will be available to help set up ASHP Connect profiles and explain how to find a mentor or mentee through ASHP Connect's Mentor Match.

Member ribbons will be available for pickup at this location.

Hours:

Saturday – Monday	7:00 a.m.–5:30 p.m.
Tuesday	7:30 a.m.–5:30 p.m.
Wednesday	7:30 a.m.–5:15 p.m.
Thursday	8:30 a.m.–3:15 p.m.

Mother's Room **Bayside A Foyer, Level 1 (behind FedEx Office)**

Located in First Aid, a nursing mother's room will be available for use during the meeting. Seating will be provided, as well as power outlets.



Personnel Placement Service (PPS) Shoreline Exhibit Hall, Level 2

PPS is the industry's largest and most widely attended national pharmacy recruitment event. Hosting more than 3,000 pharmacy candidates and nearly 400 employers, PPS is where pharmacy residency, fellowship, and employment connections are made.

Hours:

Sunday – Wednesday	7:30 a.m.–5:00 p.m.
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Press Office **Surf A, Level 2**

Hours:

Saturday	By appointment
Sunday	10:00 a.m.–5:00 p.m.
Monday – Wednesday	8:00 a.m.–5:00 p.m.
Thursday	8:00 a.m.–12:00 p.m.

Promotional Theaters

Promotional Theaters taking place during the meeting are informational or promotional in nature. Their content and the opinions expressed by presenters are those of the sponsors or

continues >

ORLANDO WELCOMES BACK ASHP IN 2017!



We look forward to hosting the 52nd ASHP
Midyear Clinical Meeting & Exhibition
December 3-7, 2017.

Visit Orlando®
Orange County Convention Center



Orlando

Visit Orlando

ANAHEIM WELCOMES ASHP

Enjoy the Anaheim Convention Center campus environment under sunny skies and palm trees. After hours, experience world class dining, entertainment and nightlife, all within walking distance at The Anaheim GardenWalk and Downtown Disney® District.

.....
53rd ASHP Midyear Clinical Meeting and Exhibition
December 2-6, 2018
.....

Find helpful tips, discounts, maps and more to help you experience the best of Anaheim.
visitanahaim.org/ASHP



General Information

presenters and not those of ASHP. CE credit is not offered for attendance. Promotional theaters will be held at the Mandalay Bay Convention Center. A listing of promotional theaters scheduled and their locations are available on the ASHP LIVE app, registration bags, and ASHP website.

Recharging Stations

Located throughout the South Convention Center. Network, relax, and recharge mobile phones, laptops, or any of your portable mobile devices.

Residency Showcase Bayside B, Level 1

For an up-to-date list of programs, go to www.ashp.org/showcase16. Printed listings will be available at the Showcase while supplies last. Wi-Fi is not available in the Residency Showcase. You can also view the listing on the ASHP LIVE app.

Hours:

Monday	1:00 p.m.–4:00 p.m.
Tuesday	8:00 a.m.–11:00 a.m. 1:00 p.m.–4:00 p.m.

Rules for Academic Titles and Credentials

Disclaimer:

In an effort to standardize the naming and placement of academic degrees and credentials, ASHP now lists these academic abbreviations and credentials as follows. Each person's name is followed first by any pharmacy-related academic degrees in ranked order (Pharm.D., M.S.Pharm., B.S.Pharm., R.Ph.), then by other academic degrees in the following order (Ph.D., J.D., M.P.H., M.P.A., M.H.A., M.S., M.A., MBA, B.S., B.A.), and then by credentials in alphabetical order (AAHIVP, ASH-CHC, BCACP, BC-ADM, BCCCP, BCNSP, BCOP, BCPP, BCPPS, BCPS, BCPS-AQ Cardiology, BCPS-AQ ID, CACP, CAHIMS, CDE, CGP, CHHIMS, CJCP, CLS, CMQ, CPE, CPFT, CPHIMS, CPHQ, CPP, CPPS, DABAT, FAACT, FACC, FACHE, FAPhA, FASCP, FASHP, FASPEN, FAST, FCCM, FCCP, FCSHP, FFP, FHFS, FIDSA, FISMP, FKSHP, FMSHP, FNLA, FPPAG, FTSH, LSSYB, MCCM, MSCR, MSPH, NREMT, RRT).

EXAMPLES:

- Jonathan Doe, Pharm.D., M.P.H., M.S., MBA, BCPS-AQ ID, FASHP, FCCP
- Jane P. Doe, B.S.Pharm., Ph.D., M.A., MBA, AAHIVP, CACP, FASHP, RRT
- Donald Doe, R.Ph., Ph.D., M.S., BCOP, BCPS, FCCP

For all abbreviated academic degrees, ASHP follows Associated Press (AP) style.

Safety and Security

As a matter of basic security sense, remember to keep your personal belongings under your control at all times. Report any suspicious persons or activities to the Convention Center security. Remember that all attendees are required to wear a Midyear 2016 badge when they attend any ASHP meeting activity or session including the Exhibit Hall, Posters, and the Residency Showcase.

Also, please be sure to fill out the Emergency Contact Information Card that you will receive with your badge and place it in the badge holder. This will help ASHP staff contact someone on your behalf in the event of an emergency.

Shuttle Bus Service

Complimentary shuttle bus service will be provided Saturday, December 3, through Thursday, December 8, from official Midyear Clinical Meeting hotels to the Mandalay Bay

Convention Center, except for the Delano, Four Seasons, and Luxor, which are within walking distance of the Convention Center. **Nonstop shuttle service will be provided from the MGM Grand and The Signature at MGM Grand.** For a complete shuttle schedule, see page 138.

The shuttle schedule is subject to change based on usage, traffic, and weather. Check the ASHP LIVE app and the *Midyear News & Views* for changes and updates to the schedule.

NOTE: ASHP does not provide shuttle bus service for morning or evening symposia, social events, or meetings supported by the pharmaceutical industry, universities, and other organizations.

Sorry, No Children

For health and safety considerations, children under the age of 16 are not permitted in the Exhibit Hall, Poster Sessions, Residency Showcase, Personnel Placement Service (PPS), or sessions.

Speaker Preview Room Surf D, Level 2

The Speaker Preview Room has computers available for presenters who want to preview their slides prior to their presentation.

Hours:

Saturday – Tuesday	7:00 a.m.–5:30 p.m.
Wednesday	7:00 a.m.–5:15 p.m.
Thursday	8:00 a.m.–1:00 p.m.

Stay Connected

Take time to meet new peers, catch up with your colleagues, and share your Midyear meeting story with ASHP and other meeting attendees. Here's how:

- **Follow #ASHP16** Stay connected to everything happening at the Midyear Clinical Meeting with #ASHP16, the official hashtag for the Midyear meeting. Don't forget to tag your tweets, photos, and videos with the hashtag so others can follow along with your experiences on Twitter, Facebook, and Instagram.
- **Like Us on Facebook** Like us on Facebook (facebook.com/ASHPOfficial). We'll be posting photos and updates here. Also, join the 2016 Midyear Clinical Meeting event (you'll find it on the Events tab on our Facebook page) to connect with other meeting attendees and post your photos on the wall, tagged #ASHP16.
- **Win Daily Prizes** Want to win some cool prizes? Tap into your competitive side and follow @ASHPOfficial on Twitter for more info on how you can take the #ASHP16 Challenge. And watch for @ASHPOfficial's clues for our scavenger hunt. You can't win if you don't play!
- **Post Your Midyear Meeting Badge** Spread the word! The *I'm Attending* badges can be displayed on Twitter, Facebook, LinkedIn, blogs, and more. When you post, tweet it out using #ASHP16 or share it on Facebook. Let everyone know you're at the Midyear meeting. Get your badge at <http://www.ashp.org/get-social>.

Wi-Fi Access

Complimentary Wi-Fi access is available in the convention center meeting space and lobbies. To ensure fast speeds for all attendees, please limit your usage to 20 minutes. Once in the convention center, open Internet settings and select SSID **ashp2016** and enter password **vegas2016**.

ADVANCED STERILE PRODUCT PREPARATION TRAINING AND CERTIFICATE PROGRAM

Developed for high-level pharmacists
and pharmacy technicians



Designed for participants who are proficient in the fundamental skills required for safe and compliant sterile product preparation, and who are now responsible for managing and developing the personnel and facilities associated with these compounding activities.

Highlights of the Advanced Sterile Product Preparation Training Certificate include the following:

- Reflects all pending changes associated with USP <797> and <800>
- Includes 9 modules, plus activities for 23 hours of CE
- Learn in manageable segments
- Upload practice-based components to earn an ASHP Professional Certificate

www.ashp.org/certificate-programs

The Advanced Sterile Product Preparation Training and Certificate Program includes 9 modules and activities and is intended for pharmacists, pharmacy technicians, or other pharmacy professionals who have responsibility for managing the personnel and facilities involved in low, medium, and high risk compounding.

**Visit Booth 1665
in the Exhibit Hall**

ashp
**Professional
Certificates**



ASHP LIVE Mobile App!

- Explore the schedule, session, detailed presenter information.
- Access the app's Activity Feed, which highlights useful comments, photos, ratings and more!
- Receive announcements and updates.
- Earn points and badges—top the leaderboard!
- Expand your professional network and have fun!

Available for
iPhone®, iPad®,
Android™,
or your mobile
browser.

Download:

- Apple App Store or Google Play store; search “**ASHP LIVE**”.
- www.ashp.org/ASHPLive



COMING SOON, THE NEW **AHFS** CLINICAL DRUG INFORMATION.

YOUR COMPREHENSIVE, INTERACTIVE TREATMENT
AND DRUG THERAPY SOLUTION.

Quick care counts! For 59 years, you've counted on **AHFS** to make expert treatment, safety and drug therapy recommendations. Now, make them...FAST.

The new **AHFS Clinical Drug Information™** is your solution to optimize time and advance care.

AGE A



REGISTER TO WIN A FREE SUBSCRIPTION

Stop by booth #1765, grab a cup of espresso, and see how this exciting new product will mean more real time information, access, and agility for you!
AHFSCDI2017.COM/PA



HELP FASTER. HEAL SMARTER. **AHFS**. REAL-TIME DRUG INFORMATION TO ADVANCE CARE.

General Information

MANDALAY BAY CONVENTION CENTER OVERVIEW



General Information

SOUTH CONVENTION CENTER



SOUTH CONVENTION CENTER

LEVEL 2



Spotlight on Science and Wednesday Evening Event


Escalator to Levels 1 & 3

Membership Info

Escalator to Level 1

PERSONNEL PLACEMENT SERVICE (PPS)

SHORELINE EXHIBIT HALL

 **WiFi** in meeting rooms, public areas and PPS

 **Recharging Stations**

 **Escalators**

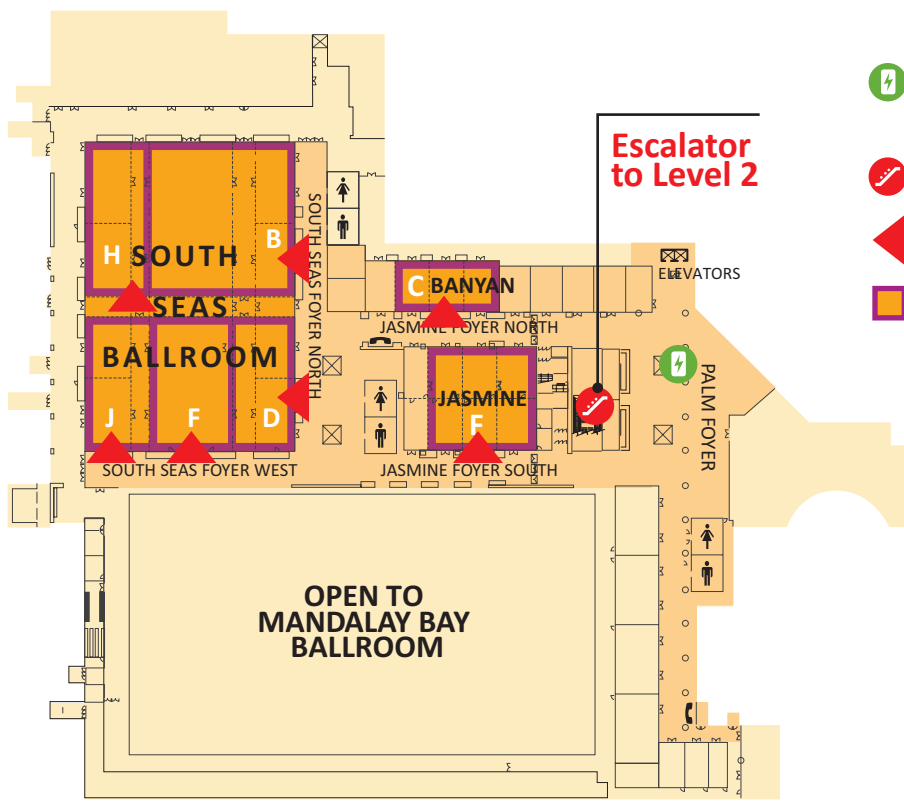
 **Entrance**

 **Educational Sessions**

General Information

SOUTH CONVENTION CENTER

LEVEL
3



 **WiFi** in meeting rooms, public areas and PPS

 **Recharging Stations**

 **Escalators**

 **Entrance**

 **Educational Sessions**

Free Wi-Fi



Complimentary Wi-Fi access is available in the convention center meeting rooms & public areas as well as PPS.

Select the network **ashp2016** on your device

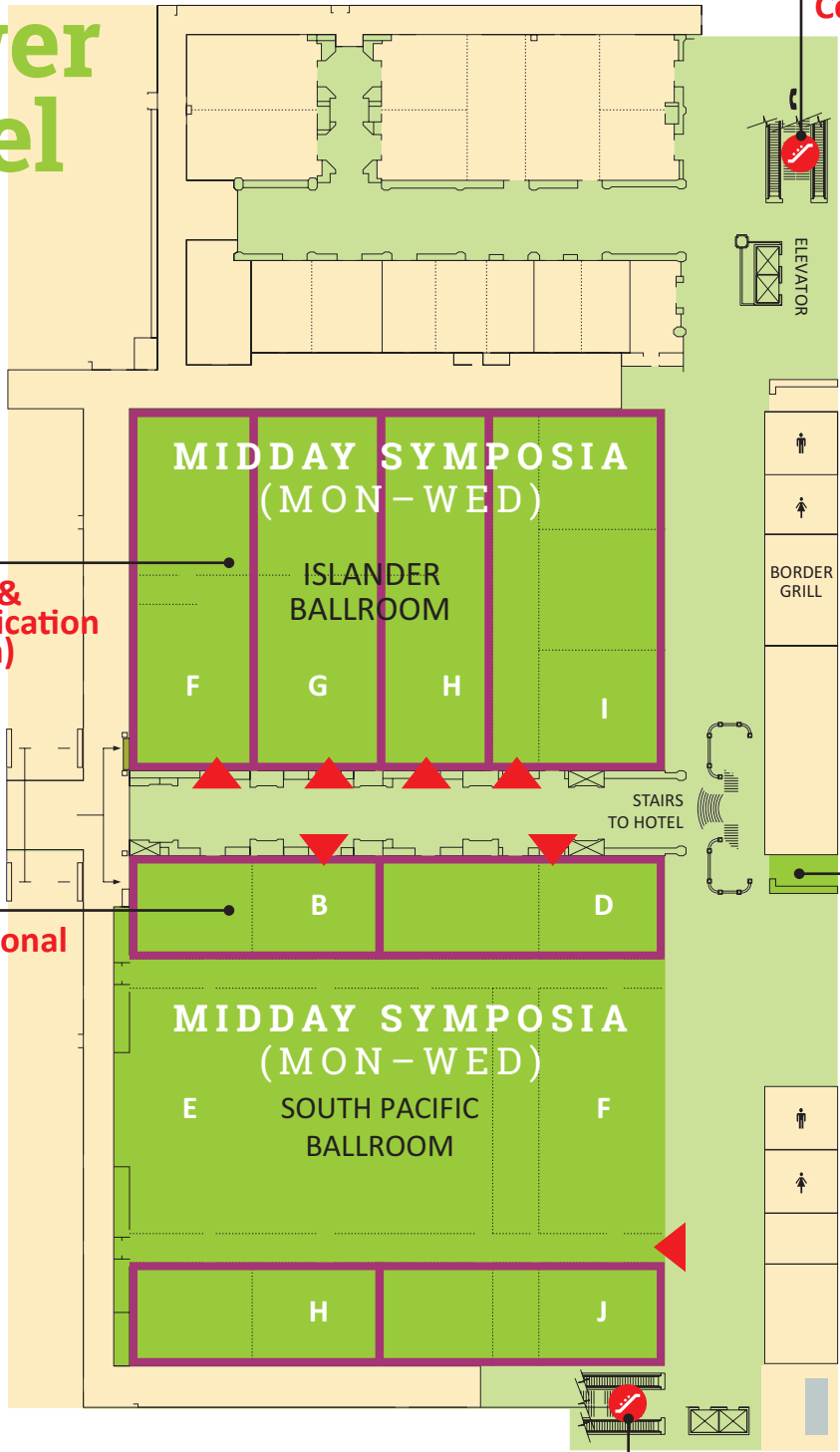
And use password **vegas2016**

NORTH CONVENTION CENTER

Lower Level








Escalator up to hotel and Events Center



Review & Recertification (Sat-Sun)

Promotional Theater (Sun)

South Pacific Registration Desk (Satellite Scan&Go Registration Sun Only)

-  **WiFi** in meeting rooms, public areas and PPS
-  **Recharging Stations**
-  **Escalators**
-  **Entrance**
-  **Session Locations**

Escalator up to South Convention Center

EDUCATION INFORMATION

CE PROCESSING REMINDER

All attendees must claim their CE credits online within 60 days of the sessions they attended.

Educational Objectives

The 2016 Midyear Clinical Meeting educational sessions are developed to maintain and enhance the knowledge, skills, and abilities of pharmacists and associated personnel in acute and ambulatory settings through skill-building and active participation in sessions on important issues relevant to contemporary practice. The educational goal of this meeting is to provide information and instruction on a variety of topics to enable pharmacy practitioners to provide quality patient care.

Target Audience

Activities are planned and structured to meet either the knowledge- or application-based educational needs of pharmacists and pharmacy technicians in a variety of settings. This includes those practicing in large and small hospitals, managed care facilities, ambulatory care settings, inpatient facilities, outpatient clinics, and homecare settings, as well as in academia and the pharmaceutical industry.

Levels of Content

Educational session content is categorized into the following levels:

- **General Interest:** No prior knowledge of the specific content is required.
- **Intermediate:** Basic knowledge of the specific content area is suggested, but extensive experience is not necessary.
- **Advanced:** General working knowledge of the specific content area is suggested; information will be provided to expand current expertise.

ACPE Accreditation



The American Society of Health-System Pharmacists is accredited by the Accreditation Council for Pharmacy Education (ACPE) as a provider of continuing pharmacy education.

Some states have special criteria for program content to meet their requirements for continuing education. Please check with your state to determine if such requirements exist and to determine if these programs meet those requirements.

Pharmacists

ASHP determines the number of contact hours for each session. Registrants may earn up to 30 contact hours (3.0 CEUs) at ASHP's 51st Midyear Clinical Meeting.

Pharmacy Technicians

Educational sessions at ASHP's 51st Midyear Clinical Meeting satisfy the requirement pertaining to pharmacy-related subject matter and are acceptable for certified pharmacy technicians. Sessions for technicians are designated with a "T" following the ACPE number. For further information, contact PTCB at 800-363-8012 or contact@ptcb.org.

Florida Department of Health Continuing Education Credits

Florida-licensed pharmacists must self-report their meeting CE credits to CE Broker. ASHP is not offering Florida Consultant Pharmacy CE at this meeting.

Audio-Synced Presentations

With so many education sessions to choose from, it used to be impossible to catch them all — but not any longer. The full meeting registration fee includes access to all available audio-synced educational session presentations. Download the sessions you've missed online and attend at your leisure.

NOTE: CE credit is not available for audio-synced recordings.

CE Processing

After participating in the activities of this meeting, attendees can process their CE online through the ASHP eLearning Portal at elearning.ashp.org. Registrants recording their CE online will be able to view their CE statements immediately. **All attendees must record their CE online within 60 days of the sessions they attend.**

NABP's CPE Monitor

To process CE, pharmacists and pharmacy technicians must enter an NABP e-Profile ID, birth month, and date in the eLearning Portal. After you have entered this information, it is saved for future CE processing. You may obtain your e-Profile ID at www.nabp.net.



Continuing Education

In accordance with ACPE's Accreditation Standards for Continuing Pharmacy Education, ASHP fully supports the following:

Active Learning

A basic principle and best practice in adult learning, active learning means interaction with faculty and other participants to improve learning, retention, and application of new knowledge and skills. Even in large sessions, faculty use participatory instructional techniques intended to engage you more fully as a learner.

Learning Assessments and Feedback

The Standards call for learning assessments to be part of every activity; assessments and mechanisms for feedback to participants are part of every CE session.

Activity Categories

CE learning activities at the 2016 Midyear Clinical Meeting sessions are knowledge-based and application-based. Knowledge-based sessions are designed primarily for acquiring factual knowledge; application-based sessions primarily apply the information learned in the time allotted.

Evaluations

ACPE Standards require us to develop and conduct evaluations of each CE activity. Beyond this requirement, your

feedback is important to us for evaluating achievement of the learning objectives, quality of faculty, effectiveness of teaching methods and materials, and perceptions of commercial bias.

Noncommercialism and the ACCME Standards for Commercial Support

ACPE has adopted the ACCME Standards for Commercial Support. These standards require complete separation of continuing education from commercial support. Instructional materials for CE activities, including presentation slides, undergo an intensive review process at ASHP to ensure compliance with the Standards for Commercial Support. Disclosures of relevant financial interest by everyone involved in the planning or delivery of ASHP's CE content have been included in the onsite program and are announced in the sessions. In accordance with these standards, any actual conflicts of interest have been resolved prior to the CE activity taking place.

Continuing Professional Development (CPD)

An approach to lifelong learning, continuing professional development (CPD) is a process of active participation in learning activities geared to helping individuals develop and maintain continuing competence, enhance their professional practice, and support achievement of their career goals. CPD emphasizes self-reflection as well as educational plan development, implementation, documentation, and evaluation. CE sessions or other activities you participate in at the meeting may form part of your own CPD plan. For more information, visit www.ashp.org/midyear.

Educational Session Materials

Materials are available online for all registered attendees. Print the materials for the sessions you plan to attend and bring them with you. Handouts will not be provided in the session rooms.

NOTE: Paper handouts will not be printable onsite.

Featured Programming: Antimicrobial Stewardship

The Midyear meeting is the right place to stay current with important trends and information. Over 10 hours of educational programming on antimicrobial stewardship will be offered, including programs in community hospitals, ambulatory care, informatics, pediatrics, and other specialty areas. Many sessions are also eligible for Board of Pharmacy Specialties (BPS) and Commission for Certification in Geriatric Pharmacy (CCGP) board-recertification credit.

Pharmaceutical Industry-Supported Symposia

ASHP Advantage, a division of ASHP, specializes in developing customized, needs-based educational activities for pharmacists, physicians, and other healthcare professionals. You may process continuing education credit online for ASHP Advantage symposia presented at the ASHP Midyear Clinical Meeting.

Intensive Studies and BCOP Clinical Sessions

The Intensive Studies and BCOP Clinical Sessions are advanced-level, thought-provoking sessions that are open for all Midyear meeting registrants. These sessions are approved by BPS or CCGP to provide recertification credit. If you are board-certified, be sure to purchase the package for your specialty to receive the recertification assessment and claim recertification credit. For more information, see page 36.

Other industry-supported symposia have been scheduled in conjunction with the 2016 Midyear meeting and will be held throughout the week at official meeting hotels. The program organizer is responsible for continuing education credits and content. See page 107 for the listing, or visit www.ashp.org/midyear for the most up-to-date information.

Management Case Studies

Find out how your peers are meeting today's administrative challenges by discussing actual cases in pharmacy management. Each presentation focuses on one pharmacy department's administrative steps and decision-making processes on planning and implementing a new program, or resolving an administrative problem. Cases may be presented by an individual or a team and will consist of a 20-minute case summary, followed by a brief period of questions, answers, and discussion.

Pearl Sessions

The object of each pearl presentation is to convey one idea, concept, or fact that has been useful in day-to-day practice and may not be widely known, understood, published, or taught. Among the categories of pearls this year are Safety and Quality, Management, Clinical, Informatics, Emergency Medicine, Pediatric, and, for students, Career Pearls and Clinical Pearls for Students.

Posters

Poster sessions encourage registrants to informally discuss current projects in pharmacy practice with colleagues. This is your opportunity to pick up ideas from hundreds of successful programs that have worked in other healthcare systems.

For a listing of professional posters and scheduled times for other poster presentations, see page 110.

NOTE: CE is NOT offered for poster sessions.

Poster Mentors

Poster mentors volunteer just a few moments of their time to provide one-on-one feedback and guidance to residents and students on their projects. The insightful feedback of practicing professionals helps the students and residents become the rising stars of our profession.

Poster mentors are welcome to volunteer onsite. Please visit the poster hall on the day that you plan to volunteer.

Presenter Disclosure Statements

ASHP maintains disclosure information for all presenters of ASHP-sponsored educational programs, including speakers and poster abstract authors. Presenter disclosures can be found in the onsite program. Poster disclosures are displayed in the lower-right corner of the poster boards.

Claiming CE Credit

- 1 Login to the **ASHP eLearning Portal** at elearning.ashp.org with the email address and password that you used when registering for the Midyear. *The system validates your meeting registration to grant you access to claim credit.*
- 2 Click on **Process CE for the Midyear Clinical Meeting and Exhibition**. It is also available under the **Conference tab** under **My Learning Activities** menu item.
- 3 Enter the Attendance Codes that were announced during the sessions and click **Submit**.
- 4 Click **Claim** for any session.
- 5 Complete the Evaluation.
- 6 Once all requirements are complete, click **Claim Credit** for the appropriate profession.
 - **Pharmacists and Pharmacy Technicians:** Be prepared to provide your NABP eProfile ID, birth month and date (required in order for ASHP to submit your credits to CPE Monitor).
 - **Others (International, students, etc.):** Select **ASHP Statement of Completion**.

NOTE: Printing is optional for ACPE credit – your credits will be submitted electronically to CPE Monitor. This will only happen when you click the check box to verify the session details on the screen with your NABP eProfile ID.

All continuing pharmacy education credits must be claimed within 60 days of the live session you attend. Learn more at www.ashp.org/ProcessCE.

Exhibitors

Exhibitors should complete the steps below first. If you encounter any issues with the process, stop by the Meeting Information Desk or email educserv@ashp.org.

- 1 Login to www.ashp.org/ExhibitorCE with your ASHP user-name and password.
- 2 Click on the **Get Started** button.
- 3 Select the **2016 Midyear Clinical Meeting and Exhibition** from the dropdown menu.
- 4 Select your exhibiting company from the list of exhibitors. Your screen will change and you will be then be logged into the **ASHP eLearning Portal**.
- 5 Follow the instructions in the section above, starting with **Step 2**.

For symposia offered by other CE providers, Specialty Review and Recertification Courses, or the Intensive Studies for Recertification, follow the directions given with the program materials. If you have any questions, contact the program coordinator.

NEED HELP PROCESSING CE?

Visit the CE Info Center in Bayside Foyer, Level 1, or email educserv@ashp.org.



Like us!

facebook.com/ASHPOfficial

We'll be posting photos and updates here. Also, join the 2016 Midyear Clinical Meeting event (you'll find it on the Events tab on our Facebook page) to connect with other meeting attendees and post your photos on the wall, tagged #ASHP16.

SCHEDULE-AT-A-GLANCE

All rooms are located in the Mandalay Bay South Convention Center unless otherwise noted.

Saturday

- ▶ Continuing Education
- ▶ Special Event
- ▶ Intensive Studies for Recertification

DEC 3
SUNDAY

TIME	SESSION/EVENT	ROOM	ATTENDANCE CODE
--	SAMPLE	--	<u>1 2 3 4 5</u>
7:00 a.m.–6:00 p.m.	Clinical Skills Competition Semi-Final Round (closed session)	Banyan B, Level 3	
▶ 7:30 a.m.–6:00 p.m.	Live Pharmacotherapy Specialty Review and Recertification Course (separate fee required)	Islander Ballroom F, Lower Level, Mandalay Bay North Convention Center	-----
▶ 7:30 a.m.–6:00 p.m.	Live Geriatric Pharmacy Specialty Review and Recertification Course (separate fee required)	Islander Ballroom G, Lower Level, Mandalay Bay North Convention Center	-----
8:00 a.m.–5:00 p.m.	Pre-Meeting Workshops (separate fee required)	See page 43	

Sunday

DEC 4
SUNDAY

TIME	SESSION/EVENT	ROOM	ATTENDANCE CODE
▶ 7:00 a.m.–11:30 a.m.	Satellite Symposia	See page 107	-----
7:30 a.m.–5:00 p.m.	Personnel Placement Service (PPS)	Shoreline Exhibit Hall, Level 2	
▶ 7:30 a.m.–6:00 p.m.	Live Pharmacotherapy Specialty Review and Recertification Course (separate fee required)	Islander Ballroom F, Lower Level, Mandalay Bay North Convention Center	-----
▶ 7:30 a.m.–6:00 p.m.	Live Geriatric Pharmacy Specialty Review and Recertification Course (separate fee required)	Islander Ballroom G, Lower Level, Mandalay Bay North Convention Center	-----
▶ 8:00 a.m.–8:30 a.m.	(Management Case Study) Development of ACPE-accredited Comprehensive Professional Education in a Large Health System	Mandalay Bay J, Level 2	-----
▶ 8:00 a.m.–5:00 p.m.	Pre-Meeting Workshops (separate fee required)	See page 43	-----
▶ 8:30 a.m.–9:30 a.m.	First-Time Attendee Welcome Event	Breakers C, Level 2	
8:30 a.m.–6:30 p.m.	Student Programming	See page 49	
▶ 8:45 a.m.–9:15 a.m.	(Management Case Study) Implementation of Medication Reconciliation Order Pending Across a Multi-Hospital Health System	Mandalay Bay J, Level 2	-----
▶ 9:00 a.m.–11:00 a.m.	Innovations in Drug Information Practice and Research 2016	Oceanside C, Level 2	-----
▶ 9:00 a.m.–5:15 p.m.	Resident and New Practitioner Programming	See page 44	-----
▶ 9:30 a.m.–10:00 a.m.	(Management Case Study) Clinical Decision Support System Enhancements to Reduce Order Entry Errors for Pediatric Infusion Orders	Mandalay Bay J, Level 2	-----
▶ 9:30 a.m.–11:00 a.m.	Professional and Academic Book Publishing: Putting Your Ideas into Practice 2016	Mandalay Bay L, Level 2	-----

continues >

TIME	SESSION/EVENT	ROOM	ATTENDANCE CODE
▶ 10:00 a.m.–11:00 a.m.	Antibiotic Stewardship — CDC Update on National Activities	Oceanside D, Level 2	-----
▶ 10:10 a.m.–11:20 a.m.	First-Time Attendee Welcome Keynote	Mandalay Bay H, Level 2	
▶ 10:15 a.m.–10:45 a.m.	(Management Case Study) Effects of Inventory Optimization on Pharmacy Metrics Pre- and Post-Electronic Health Record (EHR) Implementation	Mandalay Bay J, Level 2	-----
▶ 11:00 a.m.–11:30 a.m.	(Management Case Study) Standardizing Systemwide Primary National Drug Code for Improved Inventory Management and Cost Savings	Mandalay Bay J, Level 2	-----
11:15 a.m.–12:15 p.m.	Networking Session: Investigational Drug Services	Lagoon G, Level 2	
11:15 a.m.–12:15 p.m.	Networking Session: Optimizing the Pharmacy Revenue Cycle	Lagoon H, Level 2	
11:15 a.m.–12:15 p.m.	Networking Session: Preceptor Skills Development	Lagoon L, Level 2	
11:15 a.m.–1:30 p.m.	Networking and Poster Session: Emergency Care	Bayside B, Level 1	
▶ 11:30 a.m.–12:30 p.m.	Creating a Values-based Culture in Health-System Pharmacy	Mandalay Bay L, Level 2	-----
▶ 11:30 a.m.–12:30 p.m.	Contemporary Considerations: Update on the ASHP Standardize 4 Safety Project	Oceanside C, Level 2	-----
▶ 11:45 a.m.–12:15 p.m.	(Management Case Study) Evaluation and Implementation of a Time and Materials Maintenance Arrangement for Pharmacy Automation Equipment	Mandalay Bay J, Level 2	-----
12:00 p.m.–1:00 p.m.	PhORCAS: How Programs Can Optimize the WebAdMIT Portal Within PhORCAS	South Seas J, Level 3	
▶ 12:00 p.m.–4:30 p.m.	Programming for Small & Rural Hospital Practitioners	See page 54	-----
▶ 12:30 p.m.–1:00 p.m.	(Management Case Study) Optimization of Automated Dispensing Cabinets in a Multisite Health System	Mandalay Bay J, Level 2	-----
12:30 p.m.–1:30 p.m.	Networking Session: Advancing Pharmacy Practice with Technicians	Lagoon H, Level 2	
12:30 p.m.–1:30 p.m.	Networking Session: Clinical Leadership	Lagoon L, Level 2	
12:30 p.m.–1:30 p.m.	Networking Session: OR/Anesthesiology	Lagoon G, Level 2	
12:30 p.m.–1:30 p.m.	Networking Session: Pain Management and Palliative Care	Lagoon F, Level 2	
1:00 p.m.–2:00 p.m.	New and Prospective Pharmacy Technician Training Program Directors and Instructors Meeting	Palm B, Level 3	
1:00 p.m.–2:00 p.m.	Getting Started and Applying for Accreditation — Finding the Pathway and Taking the Right Steps	Palm C, Level 3	
▶ 1:00 p.m.–2:15 p.m.	Practical Guide to Resourcing a Pharmacy Transitions-of-Care Program	Oceanside C, Level 2	-----
▶ 1:00 p.m.–2:30 p.m.	On the Record: A Guide to Working Effectively with the Media	Mandalay Bay L, Level 2	-----
▶ 1:00 p.m.–2:30 p.m.	The ASHP Federal Forum: Welcome Event & Keynote	Oceanside D, Level 2	-----
▶ 1:15 p.m.–1:45 p.m.	(Management Case Study) Evaluation of a Pharmacy Workplace Safety Training Program to Ensure Regulatory Compliance	Mandalay Bay J, Level 2	-----
▶ 2:00 p.m.–3:00 p.m.	Continuing Professional Development (CPD): A Cascade of Benefits for Employers	Mandalay Bay J, Level 2	-----
2:00 p.m.–3:00 p.m.	Pharmacy Technician Training: What's New for 2017!	Palm B, Level 3	

All rooms are located in the
Mandalay Bay South Convention Center
unless otherwise noted.

- ▶ Continuing Education
- ▶ Special Event
- ▶ Intensive Studies for Recertification

TIME	SESSION/EVENT	ROOM	ATTENDANCE CODE
2:00 p.m.–3:00 p.m.	Using PharmAcademic to Support Resident Learning	Palm C, Level 3	
▶ 2:00 p.m.–5:00 p.m.	State Affiliate Volunteer Conference	Lagoon L, Level 2	
▶ 2:30 p.m.–3:30 p.m.	The ASHP Federal Forum	Oceanside D, Level 2	-----
2:30 p.m.–3:30 p.m.	Networking Session: Anticoagulation	Lagoon F, Level 2	
2:30 p.m.–3:30 p.m.	Networking Session: Hematology/Oncology	Lagoon G, Level 2	
▶ 2:45 p.m.–4:15 p.m.	Advocacy, Healthcare, and You: Not a House of Cards	Mandalay Bay L, Level 2	-----
▶ 3:00 p.m.–4:30 p.m.	The 2016 ISMP Medication Safety Assessment and Strategies for Antithrombotic Therapy in Hospitals	Oceanside C, Level 2	-----
3:00 p.m.–5:00 p.m.	Residency Program Directors and Preceptors Town Hall: Updates from the Commission on Credentialing	Breakers C, Level 2	
▶ 3:15 p.m.–3:45 p.m.	(Management Case Study) Small Intradepartmental Groups Drive Pharmacy Improvement Process in a Large Community Hospital	Mandalay Bay J, Level 2	-----
▶ 3:45 p.m.–5:15 p.m.	Federal Forum: Meet the Researchers Poster Presentations	Bayside B, Level 1	-----
▶ 4:00 p.m.–4:30 p.m.	(Management Case Study) Implementation of a Pharmacy Technician Residency Program in a Teaching Hospital	Mandalay Bay J, Level 2	-----
▶ 4:45 p.m.–5:15 p.m.	(Management Case Study) Transformation from a Dispensing Model to Patient-centered Clinical Practice in a Small Urban Hospital	Mandalay Bay J, Level 2	-----
5:00 p.m.–6:30 p.m.	LGBTQ Networking Reception	Jasmine F, Level 3	
5:00 p.m.–7:00 p.m.	ASHP Foundation Donor Match Reception: Match for Med Safety!	Breakers F, Level 2	
5:30 p.m.–7:00 p.m.	ASHP Best Practices Award Poster Reception	Reef E, Level 2	

Monday

TIME	SESSION/EVENT	ROOM	ATTENDANCE CODE
▶ 6:30 a.m.–8:30 a.m.	Satellite Symposia	See page 107	-----
6:30 a.m.–9:00 a.m.	Veterans Affairs Residency Open Forum	Mandalay Bay L, Level 2	
7:30 a.m.–5:00 p.m.	Personnel Placement Service (PPS)	Shoreline Exhibit Hall, Level 2	
▶ 9:00 a.m.–10:30 a.m.	Opening Session and Keynote (featuring Peyton Manning)	Mandalay Bay Events Center	
10:45 a.m.–11:45 a.m.	Student Posters	Bayside B, Level 1	
11:00 a.m.–12:00 p.m.	Pharmacy Technician Meet-and-Greet Networking Session	Banyan D, Level 3	
▶ 11:00 a.m.–3:00 p.m.	Exhibit Program	Bayside CD, Level 1	
11:15 a.m.–12:15 p.m.	ACPE Update 2016	Palm B, Level 3	
11:15 a.m.–12:15 p.m.	Networking Session: Ambulatory Care Informatics	Lagoon H, Level 2	
11:15 a.m.–12:15 p.m.	Networking Session: Home Infusion	South Seas D, Level 3	
11:15 a.m.–12:15 p.m.	Networking Session: Pediatrics/Neonatal/OB	Banyan B, Level 3	
11:15 a.m.–12:15 p.m.	Networking Session: Reducing Readmissions	Lagoon G, Level 2	
11:15 a.m.–12:15 p.m.	Networking Session: Pharmacy Practice Experiences	Lagoon F, Level 2	

continues >

Schedule-at-a-glance

Monday

CONTINUED

TIME	SESSION/EVENT	ROOM	ATTENDANCE CODE
11:15 a.m.–12:15 p.m.	Networking Session: Women in Pharmacy Leadership	South Seas F, Level 3	
11:15 a.m.–12:15 p.m.	Networking Session: Pharmacogenetics and Biomarkers	South Seas J, Level 3	
▶ 11:30 a.m.–1:00 p.m.	Midday Symposia	See page 107 (Mandalay Bay North Convention Center)	-----
11:30 a.m.–5:30 p.m.	Student Programming	See page 49	
12:00 p.m.–1:00 p.m.	Student Posters	Bayside B, Level 1	
12:30 p.m.–1:30 p.m.	Networking Session: Advice from the Trenches: Building and Sustaining Successful Ambulatory Care Services	South Seas D, Level 3	
12:30 p.m.–1:30 p.m.	Networking Session: Clinical Information Systems	Lagoon H, Level 2	
12:30 p.m.–1:30 p.m.	Networking Session: Critical Care	South Seas F, Level 3	
12:30 p.m.–1:30 p.m.	Networking Session: Geriatrics	South Seas J, Level 3	
12:30 p.m.–1:30 p.m.	Networking Session: Infectious Diseases	Banyan B, Level 3	
12:30 p.m.–1:30 p.m.	Networking Session: Nutrition Support	Lagoon G, Level 2	
▶ 12:30 p.m.–1:30 p.m.	ASHP-PAC Donors Luncheon	Jasmine F, Level 3	
1:00 p.m.–4:00 p.m.	Residency Showcase	Bayside B, Level 1	
▶ 2:00 p.m.–2:30 p.m.	Donald E. Francke Medal Lecture	South Seas J, Level 3	
▶ 2:00 p.m.–2:30 p.m.	(Management Case Study) Using Data Analytics to Decrease Renal Failure Cost Per Case	South Seas D, Level 3	-----
▶ 2:00 p.m.–3:00 p.m.	Brain Matters and Blood Splatters: Drug Therapy in the Emergency Trauma Patient	Oceanside C, Level 2	-----
▶ 2:00 p.m.–3:30 p.m.	Interprofessional Education: Preparing Students for Team-based Care	Lagoon F, Level 2	-----
▶ 2:00 p.m.–3:30 p.m.	Beyond the Pillbox: Improving Medication Adherence and Health Outcomes	Mandalay Bay L, Level 2	-----
▶ 2:00 p.m.–3:30 p.m.	All In for Specialty Pharmacy	Lagoon L, Level 2	-----
▶ 2:00 p.m.–3:30 p.m.	CDC Opioid Prescribing Guidelines: Controversy, Opiophobia, and the Role of the Pharmacist	Breakers C, Level 2	-----
▶ 2:00 p.m.–3:30 p.m.	Beyond the Numbers: An Innovative, Patient-centered Approach to Diabetes Care	South Seas B, Level 3	-----
▶ 2:00 p.m.–3:30 p.m.	Antimicrobial Stewardship for All: What You Need to Know (CE credit available; all attendees welcome)	Mandalay Bay H, Level 2	-----
▶ 2:00 p.m.–3:45 p.m.	Trends in 340B: Central Distribution and Medicaid Reimbursement	Mandalay Bay D, Level 2	-----
▶ 2:00 p.m.–4:00 p.m.	Safety & Quality Pearls 2016	Oceanside D, Level 2	-----
▶ 2:00 p.m.–4:00 p.m.	Debates in Therapeutics 2016	Mandalay Bay J, Level 2	-----
▶ 2:00 p.m.–4:00 p.m.	Joint Commission: Don't Roll the Dice; Be Prepared!	Oceanside A, Level 2	-----
▶ 2:00 p.m.–4:00 p.m.	Balancing Act: Managing Bleeding and Thrombosis with Direct Oral Anticoagulants	Mandalay Bay F, Level 2	-----
▶ 2:00 p.m.–4:30 p.m.	Overcoming the Headwinds of Change: Proactive Focus on Career Inflection Points in Women's Leadership Advancement	South Seas F, Level 3	-----
2:30 p.m.–4:00 p.m.	Professional Posters	Bayside B, Level 1	
▶ 2:30 p.m.–4:30 p.m.	Pharmacy Practice Pearls from Around the Globe 2016	South Seas J, Level 3	-----

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unless otherwise noted.

- ▶ Continuing Education
- ▶ Special Event
- ▶ Intensive Studies for Recertification

TIME	SESSION/EVENT	ROOM	ATTENDANCE CODE
▶ 2:45 p.m.–3:15 p.m.	(Management Case Study) Pharmacist Population Health Interventions Based on Data-generated Risk and Care Gaps	South Seas D, Level 3	-----
▶ 3:30 p.m.–4:00 p.m.	(Management Case Study) Business Intelligence Strategies: Improving Access and Analysis of Ad Hoc Reports Across the Pharmacy Enterprise	South Seas D, Level 3	-----
3:30 p.m.–4:30 p.m.	Networking Session: Expanding Pharmacy Services Across Care Transitions	Lagoon H, Level 2	-----
▶ 3:30 p.m.–5:00 p.m.	Chronic Opioid Therapy for Patients with Substance Use Disorder: Between the Devil and the Deep Blue Sea	Breakers C, Level 2	-----
▶ 3:45 p.m.–5:15 p.m.	Antimicrobial Stewardship: Considerations and Limitations in Geriatric Care Settings (CE credit available; all attendees welcome)	Oceanside C, Level 2	-----
▶ 3:45 p.m.–4:45 p.m.	Improving Antimicrobial Dosing for Critically Ill Patients: How to Translate Current Evidence into Practice (CE credit available; all attendees welcome)	Mandalay Bay H, Level 2	-----
▶ 4:00 p.m.–5:00 p.m.	Combating Illegal Internet Pharmacy Websites: National Association of Boards of Pharmacy's View from the Top	Lagoon F, Level 2	-----
▶ 4:00 p.m.–5:15 p.m.	What Happens in the Cath Lab Stays in the Cath Lab: An Update of Old, New, and Controversial Topics in Interventional Cardiology	Mandalay Bay L, Level 2	-----
▶ 4:00 p.m.–5:15 p.m.	Biosimilar Therapeutics in Hematology Malignancies — A Contemporary Review	Lagoon L, Level 2	-----
▶ 4:00 p.m.–5:15 p.m.	What's New in Diabetes? Insulin Products, Concentrations, and Multimodal Therapy	South Seas B, Level 3	-----
▶ 4:15 p.m.–4:45 p.m.	(Management Case Study) Ace the MACE (Medication-related Acute Care Episode): Assessment of the Impact of Pharmacists' Post-Discharge Follow-up on High-Risk Patients	South Seas D, Level 3	-----
▶ 4:15 p.m.–5:15 p.m.	Preparing for Change: Antimicrobial Stewardship in Ambulatory Care (CE credit available; all attendees welcome)	Mandalay Bay B, Level 2	-----
▶ 4:30 p.m.–5:15 p.m.	Data Science Principles of Predictive and Prescriptive Analytics: Streamlining Your Pharmacy Practice	Mandalay Bay D, Level 2	-----
▶ 4:30 p.m.–5:15 p.m.	Pediatric Clinical Pearls 2016	Oceanside D, Level 2	-----
4:30 p.m.–5:30 p.m.	Community Pharmacy Residency Open Forum	Palm B, Level 3	-----
4:30 p.m.–5:30 p.m.	Regional Residency Conference Planners Meeting	Palm D, Level 3	-----
▶ 4:45 p.m.–5:45 p.m.	International Registrants Gathering and Reception	South Seas Foyer, Level 3	-----

Schedule-at-a-glance

Tuesday

TIME	SESSION/EVENT	ROOM	ATTENDANCE CODE
▶ 5:45 a.m.–7:45 a.m.	Satellite Symposia	See page 107	_____
7:30 a.m.–5:00 p.m.	Personnel Placement Service (PPS)	Shoreline Exhibit Hall, Level 2	
▶ 8:00 a.m.–8:30 a.m.	(Management Case Study) Exploring the Use of Rapid Diagnostic Tests to Ensure Timely Treatment of Infections	South Seas D, Level 3	_____
▶ 8:00 a.m.–9:00 a.m.	When Patients Outweigh the Mold: Pharmacotherapy in Pediatric Obesity	Oceanside C, Level 2	_____
▶ 8:00 a.m.–9:00 a.m.	Doing the Right Things and Doing Things Right: Tips and Tricks for Relevant and Efficient Inpatient Drug Surveillance	Mandalay Bay D, Level 2	_____
▶ 8:00 a.m.–9:00 a.m.	Combat the Opioid Crisis: Fuel the Battle with Nonpharmacologic Alternatives	Mandalay Bay J, Level 2	_____
▶ 8:00 a.m.–9:30 a.m.	Washington State Pharmacist Billing for Care Services: Successful Collaboration Among Provider Associations, Health Systems, and Health Plans	Lagoon F, Level 2	_____
▶ 8:00 a.m.–9:30 a.m.	Transitioning Your Antibiotic Patients Through the Healthcare System: Practical Approaches for Seamless Care	South Seas J, Level 3	_____
▶ 8:00 a.m.–9:30 a.m.	Pharmacy Technicians: Essential Pieces of the Specialty Pharmacy Puzzle	Lagoon L, Level 2	_____
▶ 8:00 a.m.–9:30 a.m.	Welcome to Your Future: Credentialing and Privileging Processes for Pharmacists	South Seas F, Level 3	_____
▶ 8:00 a.m.–9:30 a.m.	Help After a Tragic Medication Error: The Implementation of a Second Victim Program	Oceanside B, Level 2	_____
▶ 8:00 a.m.–9:30 a.m.	Dazed and Confused in the Intensive Care Unit: Managing Delirium Is More Than Just a State of Mind	Oceanside A, Level 2	_____
▶ 8:00 a.m.–10:00 a.m.	BCOP Clinical Sessions: Lung Cancer Therapy and Molecular Targets (CE credit available; all attendees welcome)	Mandalay Bay B, Level 2	_____
▶ 8:00 a.m.–10:00 a.m.	Pharmacy Forecast 2017: Trends That Will Shape Your Future	Breakers C, Level 2	_____
▶ 8:00 a.m.–10:00 a.m.	Diversion Prevention: What's a Pharmacy to Do?	South Seas B, Level 3	_____
▶ 8:00 a.m.–10:00 a.m.	Controversial High-Impact Publications in Hypertension: SPRINTing Toward the Goal (CE credit available; all attendees welcome)	Mandalay Bay H, Level 2	_____
8:00 a.m.–11:00 a.m.	Residency Showcase	Bayside B, Level 1	
▶ 8:45 a.m.–9:15 a.m.	(Management Case Study) A Systematic Approach to Medication Error Evaluation Leads to Implementation of Standardized Dosing of Vasopressors	South Seas D, Level 3	_____
▶ 9:00 a.m.–11:00 a.m.	Decision 2016: An Examination of Key Pharmacy Issues Within the Context of a New Administration, Congress, and Statehouses	Mandalay Bay L, Level 2	_____
▶ 9:00 a.m.–11:00 a.m.	Management Pearls 2016	Oceanside D, Level 2	_____
▶ 9:30 a.m.–10:00 a.m.	(Management Case Study) Challenges of Transitioning Patients to Outpatient Parenteral Antibiotic Therapy (OPAT)	South Seas D, Level 3	_____
▶ 9:30 a.m.–10:30 a.m.	Drug Accountability: Using Data and Analytics for Enhanced Inventory Management	Mandalay Bay D, Level 2	_____
▶ 9:30 a.m.–11:00 a.m.	Pediatric Antimicrobial Stewardship: Focusing on What Matters (CE credit available; all attendees welcome)	Oceanside C, Level 2	_____
▶ 10:00 a.m.–11:00 a.m.	A Toolkit for Pharmacy — Managing Prior Authorizations	Lagoon F, Level 2	_____

All rooms are located in the
Mandalay Bay South Convention Center
unless otherwise noted.

- ▶ Continuing Education
- ▶ Special Event
- ▶ Intensive Studies for Recertification

TIME	SESSION/EVENT	ROOM	ATTENDANCE CODE
▶ 10:00 a.m.–11:00 a.m.	Pharmacotherapy Considerations in Patients on Extracorporeal Membrane Oxygenation	Lagoon L, Level 2	-----
▶ 10:00 a.m.–11:00 a.m.	FDA Update 2016: Public Health and Regulatory Initiatives Impacting Today's Practice	South Seas F, Level 3	-----
▶ 10:00 a.m.–11:00 a.m.	Incorporating Medication Indications into the Prescribing Process	Oceanside B, Level 2	-----
▶ 10:00 a.m.–11:00 a.m.	Biosimilar Savings: Lowering Prices, But Who Saves Money?	Mandalay Bay J, Level 2	-----
▶ 10:00 a.m.–11:00 a.m.	Updates in Transplantation 2016	South Seas J, Level 3	-----
10:00 a.m.–11:00 a.m.	Ask the Pharmacy Residency Accreditation Surveyors Roundtable Discussion	Lagoon H, Level 2	
10:00 a.m.–11:00 a.m.	Student Posters	Bayside B, Level 1	
▶ 10:15 a.m.–10:45 a.m.	(Management Case Study) 2016 CDC Warning on Fluoroquinolone Antibiotic Use: Rolling Back Use for Patient Safety	South Seas D, Level 3	-----
▶ 11:00 a.m.–3:00 p.m.	Exhibit Program	Bayside CD, Level 1	
11:15 a.m.–12:15 p.m.	Networking Session: Immunology/Transplant	South Seas F, Level 3	
11:15 a.m.–12:15 p.m.	Networking Session: Medication Management Across the Continuum	Lagoon G, Level 2	
11:15 a.m.–12:15 p.m.	Networking Session: Pharmacoeconomics/Drug Development	Banyan B, Level 3	
11:15 a.m.–12:15 p.m.	Networking Session: Small and Rural Hospitals	Lagoon H, Level 2	
11:15 a.m.–12:15 p.m.	Networking Session: Strategic Planning	South Seas D, Level 3	
11:30 a.m.–12:30 p.m.	Student Posters	Bayside B, Level 1	
▶ 11:30 a.m.–1:00 p.m.	Midday Symposia	See page 107 (Mandalay Bay North Convention Center)	-----
12:30 p.m.–1:30 p.m.	Networking Session: Ambulatory Care Practice and Billing Outside of the Box	Lagoon G, Level 2	
12:30 p.m.–1:30 p.m.	Networking Session: Cardiology	Banyan B, Level 3	
12:30 p.m.–1:30 p.m.	Networking Session: Informatics Professional Development	South Seas F, Level 3	
12:30 p.m.–1:30 p.m.	Networking Session: Medication Safety	Lagoon H, Level 2	
1:00 p.m.–4:00 p.m.	Residency Showcase	Bayside B, Level 1	
1:00 p.m.–5:30 p.m.	Student Programming	See page 49	
▶ 2:00 p.m.–2:30 p.m.	(Management Case Study) Navigating Hospital and Health-System Integration: Clinical and Formulary Frontiers	South Seas D, Level 3	-----
2:00 p.m.–3:00 p.m.	(Repeated) Ask the Pharmacy Residency Accreditation Surveyors Roundtable Discussion	Lagoon H, Level 2	
▶ 2:00 p.m.–3:15 p.m.	Optimizing Health-System Resources to Deliver Systemwide Antimicrobial Stewardship	Mandalay Bay L, Level 2	-----
▶ 2:00 p.m.–3:15 p.m.	Report from the Field 2016: Focus Points for a Successful Joint Commission Survey	Oceanside A, Level 2	-----
▶ 2:00 p.m.–3:30 p.m.	Caring for Two in the ICU: Managing Critical Illness in Pregnancy	South Seas J, Level 3	-----
▶ 2:00 p.m.–3:30 p.m.	Current Considerations for Conducting Root Cause Analysis: Developing Your Plan	South Seas F, Level 3	-----

continues >

Schedule-at-a-glance

All rooms are located in the
Mandalay Bay South Convention Center
unless otherwise noted.

Tuesday

CONTINUED

TIME	SESSION/EVENT	ROOM	ATTENDANCE CODE
▶ 2:00 p.m.–3:30 p.m.	Beyond the Basics: Billing Opportunities for Pharmacist-led Clinical Services	Mandalay Bay J, Level 2	-----
▶ 2:00 p.m.–3:30 p.m.	Slowing CKD Progression: Are We Making Any Progress?	South Seas B, Level 3	-----
▶ 2:00 p.m.–3:30 p.m.	Lessons from History: Advocating Effectively for Pharmacy's Public Policy Agenda	Lagoon L, Level 2	-----
▶ 2:00 p.m.–4:00 p.m.	BCOP Clinical Sessions: Multiple Myeloma and Pediatric CINV (CE credit available; all attendees welcome)	Mandalay Bay B, Level 2	-----
▶ 2:00 p.m.–4:00 p.m.	#EvidenceBased? Exploring Challenges with the Quality, Reporting, and Transparency of Evidence in Healthcare Research (CE credit available; all attendees welcome)	Oceanside C, Level 2	-----
▶ 2:00 p.m.–4:00 p.m.	Reining in the Variants — Approaches to Using Pharmacogenomics in Clinical Medicine	Mandalay Bay D, Level 2	-----
▶ 2:00 p.m.–4:00 p.m.	Risky Business: The Pharmacist's Role in Population Health Management	Oceanside D, Level 2	-----
▶ 2:00 p.m.–4:00 p.m.	USP 800: Strategies for Compliance with Handling Hazardous Drugs	Breakers C, Level 2	-----
▶ 2:00 p.m.–4:00 p.m.	Clinical Pearls 2016	Mandalay Bay F, Level 2	-----
2:30 p.m.–4:00 p.m.	Professional and Fellows Posters	Bayside B, Level 1	
▶ 2:45 p.m.–3:15 p.m.	(Management Case Study) Lessons Learned on a Pharmacy Leadership Reorganization Journey	South Seas D, Level 3	-----
▶ 3:30 p.m.–4:00 p.m.	(Management Case Study) Navigating Pharmacy's Relationship with the Hospital Supply Chain	South Seas D, Level 3	-----
▶ 3:30 p.m.–5:00 p.m.	Patient Assessments in Heart Failure: New Opportunities for Pharmacists	Mandalay Bay H, Level 2	-----
▶ 3:45 p.m.–5:00 p.m.	Make Them an Offer They Can't Refuse: A Novel Approach to a Pharmacy Intern Program	Lagoon F, Level 2	-----
▶ 4:00 p.m.–5:15 p.m.	Pharmacist-managed Transitions of Care: Monitoring and Documenting Continued Outpatient Parenteral Antimicrobial Therapy	Mandalay Bay J, Level 2	-----
▶ 4:00 p.m.–5:15 p.m.	Heart Failure Advanced Therapeutic Approaches: Know When to Hold 'Em and When to Fold 'Em	South Seas B, Level 3	-----
▶ 4:15 p.m.–4:45 p.m.	(Management Case Study) Expediting the Standardization of Formulary in a Multi-Hospital Health System	South Seas D, Level 3	-----
▶ 4:15 p.m.–5:15 p.m.	New Drugs in Opioid-Induced Constipation: How Much Is That Bowel Movement Gonna Cost You?	South Seas J, Level 3	-----
▶ 4:15 p.m.–5:15 p.m.	Emergence of Multidisciplinary Pulmonary Embolism Response Teams: Potential Role of the Pharmacist	Lagoon L, Level 2	-----
▶ 4:15 p.m.–5:15 p.m.	PrPEpping for Prevention: Engaging Pharmacists in HIV Prevention Strategies	South Seas F, Level 3	-----
▶ 4:15 p.m.–5:15 p.m.	Methadone: Refining and Defining Safety and Efficacy in Clinical Practice	Mandalay Bay L, Level 2	-----
4:30 p.m.–5:30 p.m.	Managed Care Pharmacy Residency Open Forum	Palm C, Level 3	
▶ 5:15 p.m.–6:15 p.m.	Residents Meetup: An Opportunity to Engage with Pharmacy's Leaders	Bayside B, Level 1	
▶ 5:30 p.m.–7:30 p.m.	Satellite Symposia	See page 107	-----
▶ 8:00 p.m.–12:00 a.m.	Students' Night Out	LAX at Luxor	

Wednesday

▶ Continuing Education
 ▶ Special Event
 ▶ Intensive Studies for Recertification

DEC
7

WEDNESDAY

TIME	SESSION/EVENT	ROOM	ATTENDANCE CODE
7:30 a.m.–5:00 p.m.	Personnel Placement Service (PPS)	Shoreline Exhibit Hall, Level 2	
▶ 8:00 a.m.–8:30 a.m.	(Management Case Study) Antimicrobial Stewardship: Small Hospital Strategies	South Seas D, Level 3	-----
▶ 8:00 a.m.–9:30 a.m.	Results from the 2016 ASHP National Survey: The Current State of Pharmacy Practice in Hospitals	Lagoon F, Level 2	-----
▶ 8:00 a.m.–9:30 a.m.	Basics of GI Access and Clogged Access Devices	South Seas J, Level 3	-----
▶ 8:00 a.m.–9:30 a.m.	Fitting into Our Genes: Demystifying Pharmacogenomic Tests Using Online Databases	Mandalay Bay L, Level 2	-----
▶ 8:00 a.m.–9:30 a.m.	Propelling Resident Research Projects into the Center Ring	Mandalay Bay D, Level 2	-----
▶ 8:00 a.m.–9:30 a.m.	Asking the Right Questions: Preventing Technology Adoption and Implementation Blunders	Mandalay Bay J, Level 2	-----
▶ 8:00 a.m.–9:30 a.m.	Prevention and Management of Drug-Induced QT Interval Prolongation and Torsades de Pointes: Essential Tips for Pharmacists	Breakers C, Level 2	-----
▶ 8:00 a.m.–9:45 a.m.	Emergency Medicine Pearls 2016	Oceanside D, Level 2	-----
▶ 8:00 a.m.–9:45 a.m.	Data and Dollars: 2017 Updates for Financial Success	Oceanside B, Level 2	-----
▶ 8:00 a.m.–9:45 a.m.	Jackpot! Integration of Information Technology and Antimicrobial Stewardship	South Seas F, Level 3	-----
▶ 8:00 a.m.–9:45 a.m.	Feedback Landscape: The Artistry of Giving and Receiving Effective Feedback	Oceanside A, Level 2	-----
▶ 8:00 a.m.–9:45 a.m.	An ISMP Update for 2017	South Seas B, Level 3	-----
▶ 8:00 a.m.–9:45 a.m.	Contemporary Considerations: Cutting-Edge Advances in Vancomycin Therapy	Oceanside C, Level 2	-----
▶ 8:30 a.m.–9:30 a.m.	Piecing Together the Pharmacotherapy Puzzle for Children with Autism Spectrum Disorder (CE credit available; all attendees welcome)	Mandalay Bay B, Level 2	-----
8:30 a.m.–9:30 a.m.	Student Posters	Bayside B, Level 1	
▶ 8:30 a.m.–9:45 a.m.	Caring for Transgender Patients: Considerations for Pharmacists	Lagoon L, Level 2	-----
▶ 8:45 a.m.–9:15 a.m.	(Management Case Study) Establishing Pharmacy Participation in Antimicrobial Stewardship Program in a Large Academic Medical Center: One Year Experience	South Seas D, Level 3	-----
▶ 10:00 a.m.–11:00 a.m.	Spotlight on Science: Precision Medicine — Using Big Data to Predict Drug Response and Optimize Care	Mandalay Bay H, Level 2	-----
10:00 a.m.–11:00 a.m.	Resident Posters	Bayside B, Level 1	
▶ 11:00 a.m.–2:00 p.m.	Exhibit Program	Bayside CD, Level 1	
11:15 a.m.–12:15 p.m.	Networking Session: Pharmacy Operations and Automation	Lagoon H, Level 2	
11:15 a.m.–12:15 p.m.	Networking Session: Primary Care/Pharmacotherapy	Lagoon G, Level 2	
11:15 a.m.–12:15 p.m.	Resident Posters	Bayside B, Level 1	
▶ 11:30 a.m.–1:00 p.m.	Midday Symposia	See page 107 (Mandalay Bay North Convention Center)	-----
12:30 p.m.–1:30 p.m.	Networking Session: Innovation in Pharmacy	Lagoon H, Level 2	
12:30 p.m.–1:30 p.m.	Networking Session: Psychopharmacy/Neurology	Lagoon G, Level 2	
12:30 p.m.–1:30 p.m.	Resident Posters	Bayside B, Level 1	

continues >

TIME	SESSION/EVENT	ROOM	ATTENDANCE CODE
1:45 p.m.–2:45 p.m.	Resident Posters	Bayside B, Level 1	
▶ 2:00 p.m.–2:30 p.m.	(Management Case Study) Practice Model Transformation Across a National Health System	South Seas D, Level 3	-----
▶ 2:00 p.m.–3:15 p.m.	Focus on Neuromuscular Blocking Agents: New SCCM Guidelines	Oceanside A, Level 2	-----
▶ 2:00 p.m.–3:30 p.m.	Improving Care Transitions: Pharmacy-led Models	Lagoon F, Level 2	-----
▶ 2:00 p.m.–3:30 p.m.	Maximizing Your Leadership Potential: Getting the Right Woman in Charge	Oceanside B, Level 2	-----
▶ 2:00 p.m.–3:30 p.m.	Optimizing Experiential Student and Resident Layered-Learning: Advancing Clinical Services and Preceptor Development	South Seas F, Level 3	-----
▶ 2:00 p.m.–3:30 p.m.	Update on the Management of Pain, Agitation, and Delirium in the ICU (CE credit available; all attendees welcome)	Oceanside C, Level 2	-----
▶ 2:00 p.m.–3:45 p.m.	Informatics Pearls 2016: Bytes of Informatics	Oceanside D, Level 2	-----
▶ 2:00 p.m.–3:45 p.m.	The ACLS 2015 Guidelines: Discussion and Debate	Mandalay Bay D, Level 2	-----
▶ 2:00 p.m.–4:00 p.m.	Drug-Induced Diseases: Prevention, Detection, and Management	Mandalay Bay J, Level 2	-----
▶ 2:00 p.m.–4:00 p.m.	Antibiotic Stewardship: Innovative Practices in the Community Hospital Setting	Lagoon L, Level 2	-----
▶ 2:00 p.m.–4:00 p.m.	Parenteral Nutrition Primer: Balancing Acid-Base, Fluids, and Electrolytes	Mandalay Bay L, Level 2	-----
▶ 2:00 p.m.–4:00 p.m.	Interpreting the Quality of Evidence Supporting New Drug Approvals for the Geriatric Population (CE credit available; all attendees welcome)	Mandalay Bay B, Level 2	-----
▶ 2:00 p.m.–4:00 p.m.	The Joint Commission Update for 2017	South Seas B, Level 3	-----
▶ 2:45 p.m.–3:15 p.m.	(Management Case Study) Six Months to Initiate a Self-Sustaining Specialty Pharmacy	South Seas D, Level 3	-----
3:00 p.m.–4:00 p.m.	Resident Posters	Bayside B, Level 1	
▶ 3:00 p.m.–4:45 p.m.	Creating Positive Outcomes for Gram-Negative Infections: Deciphering Antibiograms for Best Results	Breakers C, Level 2	-----
▶ 3:30 p.m.–4:00 p.m.	(Management Case Study) Implementation of Ambulatory Specialty Pharmacy Services in a Women's Health Clinic: Exploring Fertile Ground	South Seas D, Level 3	-----
▶ 3:45 p.m.–5:00 p.m.	Is Coagulopathy Reversal Becoming Alphabet Soup? A Look at New Reversal Strategies	Oceanside A, Level 2	-----
▶ 4:00 p.m.–5:00 p.m.	Improving Performance on Bundled Payment Initiatives: Pharmacy's Role on the Interdisciplinary Team	South Seas J, Level 3	-----
▶ 4:00 p.m.–5:00 p.m.	Preceptor Development: Meeting the Standards for Continuous Preceptor Development	Oceanside B, Level 2	-----
▶ 4:00 p.m.–5:00 p.m.	The Internet of Things and Pharmacy: Let's Get Talking!	Oceanside D, Level 2	-----
▶ 4:00 p.m.–5:00 p.m.	Current Controversies in the Management of Hyperkalemia	South Seas F, Level 3	-----
▶ 4:15 p.m.–4:45 p.m.	(Management Case Study) Development of a Collaborative Workflow for Oncologic Viral Therapy	South Seas D, Level 3	-----
▶ 8:30 p.m.–9:45 p.m.	Wednesday Evening Event (ticket required; doors open 7:30 p.m.)	Mandalay Bay H, Level 2	

Thursday

▶ Continuing Education
▶ Special Event
▶ Intensive Studies for Recertification

All rooms are located in the
Mandalay Bay South Convention Center
unless otherwise noted.

DEC
8

THURSDAY

TIME	SESSION/EVENT	ROOM	ATTENDANCE CODE
▶ 9:00 a.m.–10:00 a.m.	A Straight Shot: Update on Adult Vaccination Recommendations	Mandalay Bay J, Level 2	_____
▶ 9:00 a.m.–10:00 a.m.	Welcome to the E-Patient Movement: Patients Becoming More Involved in Their Health Through Technology	Lagoon F, Level 2	_____
▶ 9:00 a.m.–10:30 a.m.	First, Do No Harm: Ethical Controversies in Palliative Care	Mandalay Bay D, Level 2	_____
▶ 9:00 a.m.–10:30 a.m.	Check or Hold? Investigating Three Clinical Controversies in Cardiovascular Pharmacotherapy	Mandalay Bay B, Level 2	_____
▶ 9:00 a.m.–11:00 a.m.	Implementing ISMP's Targeted Medication Safety Best Practices	Mandalay Bay L, Level 2	_____
▶ 10:00 a.m.–12:00 p.m.	Practice Innovations 2016: Strategies Worth Sharing	Lagoon L, Level 2	_____
▶ 10:30 a.m.–12:00 p.m.	On a Scale of 0 to 10, How Scared Are You? Taking the Fear out of Chronic Pain Management	Mandalay Bay J, Level 2	_____
▶ 10:30 a.m.–12:00 p.m.	Information Overdose! Managing an Information-Saturated Environment	Breakers C, Level 2	_____
▶ 11:00 a.m.–12:00 p.m.	Albumin or Balanced Salt Solutions for Resuscitation in Severe Sepsis and Septic Shock: It's Debatable!	Mandalay Bay D, Level 2	_____
▶ 11:00 a.m.–12:00 p.m.	Safety and Efficacy Updates in the Management of Invasive Fungal Infections	Lagoon F, Level 2	_____
▶ 1:00 p.m.–2:00 p.m.	HRO: A Path to Highly-Reliable Medication Delivery Systems	Mandalay Bay L, Level 2	_____
▶ 1:00 p.m.–3:00 p.m.	Balancing Pharmacy Benchmarking, Productivity, and the Work of Clinical Pharmacists	Lagoon F, Level 2	_____
▶ 1:00 p.m.–3:00 p.m.	Getting Patients to Make the Stick: A Hands-on Approach to Injectable Agents in Diabetes	Breakers C, Level 2	_____
▶ 1:00 p.m.–3:00 p.m.	Rolling the Dice with Triple Therapy	Lagoon L, Level 2	_____

Win a free registration to the 52nd Midyear Clinical Meeting and Exhibition!

Stay through the end of the Thursday afternoon sessions for a chance to win a free registration to next year's Midyear Clinical Meeting in Orlando, Florida. Just drop your badge in one of the badge recycling bins inside the session rooms on Thursday afternoon. One lucky winner will be randomly selected.

Good luck!

SPECIAL EVENTS & ACTIVITIES

All rooms are located in the
Mandalay Bay South Convention Center
unless otherwise noted.

SUNDAY, DECEMBER 4

8:30 a.m.–9:30 a.m.

Breakers C, Level 2

▶ **First-Time Attendee Welcome Event**

Is this your first Midyear Clinical Meeting? Then you should plan on attending this special welcome session that will provide tips on how to make the most of the Midyear meeting experience as well as a chance to connect with your fellow attendees. Take part in an icebreaker session with ASHP leaders, learn which events you won't want to miss, discover the benefits of ASHP membership, and more.

10:10 a.m.–11:20 a.m.

Mandalay Bay H, Level 2

▶ **First-Time Attendee Welcome Keynote**

Featuring: Josh Sundquist

One More Thing, One More Time

As a child, Josh lost his left leg and began a lifelong process of adapting to change and learning to excel within his circumstances. In his speech, he shares stories about training for the Paralympics and playing jokes with his artificial leg to give audience members practical motivation and strategies for

adapting to a new workplace environment. As a person with a disability, his presentation helps professionals understand and communicate effectively with coworkers of different ability, background, or age.

Attendees will leave the presentation with ideas about how to use Josh's Paralympic training motto 1mt1mt (one more thing, one more time) to help them reach their professional goals by putting their best attributes to work in their careers. Pharmacy students will be inspired to do one more thing, one more time to find a strong match for their first job and to enter the health-system sector with the mindset that will bring them long-term success.

1:00 p.m.–2:30 p.m.

Oceanside D, Level 2

▶ **The ASHP Federal Forum: Welcome and Keynote**

The 2016 Federal Forum will begin with a patriotic opening ceremony, followed by welcoming remarks from the ASHP President. The keynote presentation will be delivered by **Commander Christopher Jones, Pharm.D., M.P.H.**, U.S. Public Health Service, Director, Division of Science Policy, Office of the Assistant Secretary for Planning and Evaluation, U.S. Department of Health and Human Services. Commander Jones will speak on the opioid and pain management crisis in the United States, and the important opportunity and call to action for pharmacists as key members of the healthcare team.

For more information, see page 65.

2:00 p.m.–5:00 p.m.

Lagoon L, Level 2

▶ **State Affiliate Volunteer Conference**

How Can State Affiliates Foster Change and Advance Practice?

Change doesn't come easily. To foster professionwide growth, health-system pharmacists need to focus on developing forward-thinking practices to keep pace with changes in healthcare delivery and to help satisfy patient and caregiver demand for higher quality and safer care at lower costs.

At the Midyear meeting's Affiliate Conference, leaders of ASHP-affiliated state societies will learn how to help their members advance pharmacy practice in both acute and ambulatory care settings.

The interactive session will provide an introduction to the Pharmacy Advancement Initiative (PAI), a presentation on expanding practice in the state legislative and regulatory arena, sharing of success stories from four state affiliates, and a Q&A on how to prepare a PAI grant application. This session is for all state affiliate leaders — presidential officers, board members, executives, and committee members.

5:00 p.m.–6:30 p.m.

Jasmine F, Level 3

▶ **LGBTQ Networking Reception**

ASHP is hosting a LGBTQ professional networking event to provide meeting attendees the chance to gather and connect with friends and colleagues. Also learn about ASHP's activities to promote LGBTQ patient centered care.

5:00 p.m.–7:00 p.m.

Breakers F, Level 2

▶ **ASHP Foundation Donor Match Reception: Match for Med Safety!**

Join the ASHP Foundation staff and board members to match for medication safety. One of the most important responsibilities that pharmacists have is preventing adverse drug events and ensuring medication safety for patients. This year's Donor Match Reception will focus on raising money for the Foundation's annual fund, which supports research, traineeships, leadership training, and the development of practice tools — all of which strive to assist pharmacists in ensuring appropriate, safe and effective medication use. Sponsors Novo Nordisk and Omnicell will match all donations made at the reception dollar for dollar.

5:30 p.m.–7:00 p.m.

Reef E, Level 2

▶ **ASHP Best Practices Award Poster Reception**

This poster reception will honor the awardees of the 2016 ASHP Best Practices Award. The six awardees will present posters of programs that have been nationally recognized to demonstrate best practices in pharmacy practice, especially in areas that significantly improve the quality of patient care. Join us for a unique opportunity to learn about best practices and to honor the award recipients during this reception.

AMGEN[®]

Awarded by ASHP and
sponsored by Amgen.

MONDAY, DECEMBER 4

9:00 a.m.–10:30 a.m.

Mandalay Bay Events Center

► Opening Session and Keynote

KEYNOTE SPEAKER

Peyton Manning

Denver Broncos quarterback Peyton Manning, the NFL's only five-time Most Valuable Player and a 14-time Pro Bowl selection, has earned his place among the greatest quarterbacks in league history as the active leader in nearly every statistical passing category.

Since entering the NFL in 1998 with the Indianapolis Colts as the first overall draft pick, Manning has thrown the most touchdown passes (530) in league history in addition to ranking second all-time in wins by a quarterback (179), completions (5,927), and passing yards (69,691).

In each of his three seasons with Denver, Manning has led the Broncos to an AFC West Division title and a first-round playoff bye. During that time, he ranks first in the NFL in regular-season wins (38), passing touchdowns (131), and completion percentage (67.7).

Manning compiled the best statistical season by a quarterback in NFL history during the 2013 campaign, setting single-season records for passing yards (5,477) and touchdown passes (55). He led the most prolific offense in NFL history as the Broncos set a league single-season record for points scored (606) while extending his NFL record with his fifth MVP award from the *Associated Press*.

Named 2013 Sportsman of the Year by *Sports Illustrated*, Manning ended his season with a trip to Super Bowl XLVIII, making him only the third quarterback in NFL history to lead multiple teams to a Super Bowl.

In his first year with the Broncos in 2012 — and after missing the entire 2011 campaign with a neck injury — Manning finished as the *Associated Press* NFL Comeback Player of the Year and runner-up for the league's MVP.

During his first 14 NFL seasons with the Colts, Manning set club records in nearly every career passing category. He led the franchise to its first World Championship in 36 years during the 2006 season, earning MVP honors in the Colts' 29-17 win over the Chicago Bears in Super Bowl XLI.

During his time at the University of Tennessee, Manning epitomized the term "student-athlete." He claimed 43 records at the school, conference, and national levels while graduating with Phi Beta Kappa honors.

He led Tennessee to an SEC Championship as a senior in 1997 and earned consensus All-America honors. Following his senior season, Manning was honored with the Sullivan Award for the nation's top amateur athlete based on character, leadership, athletic ability, and the ideals of amateurism.

Manning attended Isidore Newman High School in New Orleans, where he was named Gatorade Circle of Champions National Player of the Year and Columbus (Ohio) Touchdown Club National Offensive Player of the Year as a senior.

For his actions off the field, Manning was honored as the recipient of the Byron "Whizzer" White Humanitarian Award and the NFL's Walter Payton Man of the Year in 2005 as well as the Bart Starr Award in 2014.

Manning serves as a member of the American Red Cross National Celebrity Cabinet and The Pat Summit Foundation Advisory Board. He and his wife, Ashley, established the PeyBack Foundation in 1999 to promote the future success of disadvantaged youth by assisting programs that provide leadership and growth opportunities for children at risk.

The PeyBack Foundation has provided more than \$10 million of impact to at-risk youth through its grants and programs since its inception.

Manning continues to maintain a strong relationship with St. Vincent's Children's Hospital (Indianapolis), which in 2007 was renamed the "Peyton Manning Children's Hospital at St. Vincent."

Manning's father, Archie, was an All-American at the University of Mississippi in 1969 and 1970 and had a 14-year playing career in the NFL with New Orleans (1971-82), Houston (1982-83), and Minnesota (1983-84). His brother, Eli, also attended Ole Miss and was named the MVP of Super Bowls XLII and XLVI with the New York Giants.



Tips for Attending

Please note that recording of the keynote speaker is PROHIBITED. Violators' may have their device confiscated. The same applies in the designated overflow rooms.

Plan Ahead

Plan to register and pick up your badge **before Monday morning** to avoid lines and wait times.

Arrive Early

Doors open at 7:50 a.m. Seats will be available on a first-come basis.

Reserving or holding seats will not be permitted. Additional seating will be available in several overflow rooms to view the Opening Session.

For the most up-to-the-minute information, download the ASHP LIVE app or visit www.ashp.org/ashplive.

continues >

Special Events & Activities

OPENING SESSION continued



▶ **PRESIDENTIAL ADDRESS**

<< ASHP President **Lisa M. Gersema, Pharm.D., M.H.A., BCPS, FASHP**, Director of Pharmacy and Residency Program Director at United Hospital in St. Paul, Minn.

▶ **CEO AWARD FOR STAFF EXCELLENCE**

Presented by ASHP CEO Paul W. Abramowitz, Pharm.D., Sc.D. (Hon.), FASHP

The CEO Award for Staff Excellence recognizes an individual staff member who, in addition to performing all his/her normal job duties with excellence, has also demonstrated exceptional initiative in contributing to ASHP. Specifically, this award recognizes a staff member who has provided an outstanding contribution by leading or developing a project of significant value for ASHP and has demonstrated sustained excellence over time to the advancement of ASHP.

<< **Awardee: Bruce Hawkins**, Editorial Director, Office of Policy, Planning and Communications, Practice Standards Division



▶ **ACKNOWLEDGEMENT OF THE DONALD E. FRANCKE MEDALIST**

Lee C. Vermeulen, B.S.Pharm., M.S., FCCP, FFIP, Director, Office for Value and Innovation in Healthcare Delivery, University of Kentucky and UK Healthcare, Lexington, Ky.

The ASHP Board of Directors' Donald E. Francke Medal honors pharmacists who have made significant international contributions to advance pharmacy practice.

For more information, see page 33.

▶ **ASHP BOARD OF DIRECTORS AWARD**

● **ASHP BOARD OF DIRECTORS' DISTINGUISHED LEADERSHIP AWARD**

The ASHP Board of Directors' Distinguished Leadership Award recognizes pharmacists who have achieved excellence in pharmacy practice leadership in acute and ambulatory care settings.

<< **Mary Ann Kliethermes, Pharm.D.**, is Vice Chair and Professor in the Department of Pharmacy Practice at Chicago College of Pharmacy at Midwestern University in Downers Grove, Ill.

Dr. Kliethermes has extensive experience in clinical practice in a variety of settings and expertise in quality measurement and billing. At the Chicago College of Pharmacy, Dr. Kliethermes supports the pharmacy practice faculty with practice, research, and scholarship. She is also Vice President of Clinical Services and Co-owner of Clinical Pharmacy Systems in Elmhurst, Ill.

Prior to joining the faculty at Chicago College of Pharmacy, Dr. Kliethermes was Manager of the MTM Clinic and Clinical Assistant Professor at the University of Illinois at Chicago College of Pharmacy; Co-Director of the Illinois Center for Pharmaceutical Care Division of the Illinois Pharmacy Foundation; practiced in and was part-owner of a home infusion company; and was a clinical pharmacist in the hospital setting.

Dr. Kliethermes is a Past Chair of the ASHP Section of Ambulatory Care Practitioners. She has represented ASHP on several interdisciplinary committees, including the American Medical Association's Physician Consortium for Performance Advisory Group on Compensation and Practice Sustainability, the Joint Commission Ambulatory Professional Technical Advisory Committee, and the ASPE Ambulatory Safety Project Technical Expert Panel Meeting. She has been actively involved with the Pharmacy Quality Alliance since its inception, holding a number of leadership positions. She volunteers on two Pharmacy Health Information Technology Collaborative workgroups and is a member of the Illinois Medication Safety Coalition's Advisory Council.

She is Past Chair of the American Pharmacist Association's Patient-Centered Medical Home/Accountable Care Organization Special Interest Group, a Past Chair of the Illinois Council of Health-System Pharmacists' Educational Committee, and has served as a delegate from Illinois to the ASHP House of Delegates.



▶ **ASHP RESEARCH AND EDUCATION FOUNDATION 2016 AWARD FOR EXCELLENCE IN MEDICATION SAFETY**

Presented by William "Bill" P. Owad, Jr., B.S., MBA FACHE, Chair of the ASHP Foundation Board of Directors SVP, Cardinal Health

Supported by a grant from the Cardinal Health Foundation.

MONDAY, DECEMBER 4

continued

11:00 a.m.–12:00 p.m. **Banyan D, Level 3**

▶ Pharmacy Technician Meet-and-Greet Networking Session

Gather and network with fellow technicians to enhance your experience at the Midyear meeting. This networking session is hosted by the Pharmacy Technician Educators Council.

12:30 p.m.–1:30 p.m. **Jasmine F, Level 3**

▶ ASHP-PAC Donors Luncheon

2:00 p.m.–4:30 p.m. **South Seas J, Level 3**

▶ Pharmacy Practice Pearls from Around the Globe 2016

Featuring the Donald E. Francke Medal Lecture

Donald E. Francke Medalist Mr. Lee C. Vermeulen presents “*Transcending Borders, Surpassing Boundaries*” from 2:00 p.m. to 2:30 p.m. The educational session starts immediately after followed by the International Registrants Gathering and Reception.



Donald E. Francke Medalist, Lee C.

Vermeulen, B.S.Pharm., M.S., FCCP, FFIP, recently joined the University of Kentucky and UK Healthcare as Director of their Office for Value and Innovation in Healthcare Delivery (OVIHD). He previously served as the founding Director of the UW Health Center for Clinical Knowledge Management and Clinical Professor of Pharmacy at the University of Wisconsin-Madison School of

Pharmacy in Madison. In his past role at UW and current role at UK, Vermeulen has focused on the evaluation of medications, devices, procedures, diagnostics, and healthcare programs, as well as the development and implementation of policies and clinical practice tools that guide the efficient delivery of healthcare.

Mr. Vermeulen has served in several leadership roles within the Hospital Pharmacy Section of the International Pharmaceutical Federation (FIP) and as a member of the FIP Board of Pharmaceutical Practice. He is actively involved in the FIP Pharmabridge program, which seeks to improve pharmacy services in low-income and emerging countries. He has also contributed to the work of several other international organizations, including the International Society of Pharmacoeconomics and Outcomes Research (ISPOR), the International Society of Oncology Pharmacy Practitioners (ISOPP), and the European Association of Hospital Pharmacy (EAHP).

In 2008, he led the planning and execution of the FIP Global Conference on the Future of Hospital Pharmacy held in Basel, Switzerland. This landmark conference included representatives from nearly 100 countries and produced consensus statements on the future of pharmacy practice worldwide, known as the “FIP Basel Statements.”

Translated into 20 languages, these guidelines have influenced practice standards around the world. Mr. Vermeulen also contributed to a similar effort undertaken by EAHP to develop a set of European practice standards drawing on the Basel Statements.

A widely published author, Mr. Vermeulen serves on the editorial advisory board of *Pharmacotherapy*. He is a recipient of the ASHP Foundation Award for Innovation in Pharmacy Practice and the Winston J. Durant Lecture Award, and he is a Fellow of FIP and the American College of Clinical Pharmacy.

For more information, see page 72.

4:45 p.m.–5:45 p.m. **South Seas Foyer, Level 3**

▶ International Registrants Gathering and Reception

International registrants are invited to join their colleagues and friends from around the world at this special reception. It is the perfect opportunity to network and enjoy light hors d'oeuvres in a casual setting.

TUESDAY, DECEMBER 6

8:00 a.m.–10:00 a.m. **Breakers C, Level 2**

▶ Pharmacy Forecast 2017: Trends That Will Shape Your Future

The ASHP Foundation debuts its newest issue of the Pharmacy Forecast Report series. This CE session will identify components of the external environment that are expected to have a major impact on hospital and health-system pharmacy practice over the next five years. Six of the authors will also present some of the report's most important strategic recommendations, which will be helpful to pharmacists who are planning the future of their departments. After the session, from 11:00 a.m. to noon, visit the ASHP Foundation's exhibit booth (#1465) to meet and speak with the report's authors.

For more information, see page 79.

5:15 p.m.–6:15 p.m. **Bayside B, Level 1**

▶ Residents Meetup: An Opportunity to Engage with Pharmacy's Leaders

Residents – this event is especially for you! ASHP has arranged a unique opportunity for pharmacy residents to speak with well-known pharmacy luminaries from a wide variety of practice settings and leadership roles.

This one-hour event will allow residents access to pacesetters of the profession. To facilitate the networking experience and provide for the most engagement, pharmacy leaders associated with ASHP and the ASHP Foundation will be in designated areas. Leaders for this year's meetup are identified as part of one of these groups:

- Whitney awardees
- ASHP and ASHP Foundation awardees
- ASHP elected and appointed leaders
- ASHP and ASHP Foundation boards of directors

The ASHP LIVE app will contain a list of participant names and a map to help you navigate. We hope to see you there!

Special Events & Activities

WEDNESDAY, DECEMBER 7

10:00 a.m.–11:00 a.m.

Mandalay Bay H, Level 2

► Spotlight on Science

Precision Medicine — Using Big Data to Predict Drug Response and Optimize Care

Featured Speaker: Russ B. Altman, M.D., Ph.D., Kenneth Fong Professor and Professor of Bioengineering, of Genetics, of Medicine (General Medical Discipline), of Biomedical Data Science and, by courtesy, of Computer Science, Stanford University, Stanford, Calif.

Learn about harnessing big data's power to predict how medications will work based on individualized patient factors. This new technology is enabling practitioners to optimize care and customize treatments. Pharmacists need to prepare for being part of the precision medicine team. Hear from a pioneer and expert in this exciting field.



Russ Biagio Altman is a professor of bioengineering, genetics, and medicine (and of computer science, by courtesy) and Past Chairman of the Bioengineering Department at Stanford University. His primary research interests are in the application of computing and informatics technologies to problems relevant to medicine. He is particularly interested in methods for understanding drug action at molecular, cellular, organism, and population levels. His lab studies how human genetic variation impacts drug response (e.g., <http://www.pharmgkb.org/>). Other work focuses on the analysis of biological molecules to understand the action, interaction, and adverse events of drugs (<http://features.stanford.edu/>). Dr. Altman holds an A.B. from Harvard College, an M.D. from Stanford Medical School, and a Ph.D. in Medical Information Sciences from Stanford. He received

the U.S. Presidential Early Career Award for Scientists and Engineers as well as a National Science Foundation CAREER Award. He is a fellow of the American College of Physicians (ACP), the American College of Medical Informatics (ACMI), the American Institute of Medical and Biological Engineering (AIMBE), and the American Association for the Advancement of Science (AAAS). He is also a member of the Institute of Medicine of the National Academies. He is a Past President, founding board member, and a Fellow of the International Society for Computational Biology (ISCB) as well as a Past President of the American Society for Clinical Pharmacology & Therapeutics (ASCPT). He has chaired the Science Board advising the FDA Commissioner and currently serves on the NIH Director's Advisory Committee. He is an organizer of the annual Pacific Symposium on Biocomputing (<http://psb.stanford.edu/>) and a founder of Personalis, Inc. Dr. Altman is board-certified in Internal Medicine and in Clinical Informatics. He received the Stanford Medical School graduate teaching award in 2000 and the mentorship award in 2014.

The following awards will also be presented:

- ASHP Research and Education Foundation 2016 Literature Awards
- ASHP Research and Education Foundation 2016 Award for Sustained Contributions to the Literature of Pharmacy Practice, presented to **C. Michael White, Pharm.D., FCCP, FCP**, Professor and Chair, Pharmacy Practice, University of Connecticut School of Pharmacy, Storrs, Conn.

For more information, see page 95.

Free Wi-Fi

Complimentary Wi-Fi access is available in the convention center meeting rooms & public areas as well as PPS.

Select the network **ashp2016** on your device

And use password **vegas2016**

► Wednesday Evening Event

Doors open at 7:30 p.m. Show starts at 8:30 p.m. Shuttle service will be provided for the Wednesday Evening Event from 7:00 p.m. to 10:30 p.m. from official ASHP Midyear meeting hotels, **except those within walking distance of the Mandalay Bay Convention Center.**



Featured Entertainer: Sebastian Maniscalco

*Opening Act: Scott Keo,
No. 1 Michael Bublé tribute act in the U.S. and Canada*

If laughter truly is the best medicine, this year's Wednesday Evening Event promises to provide a full dose and have you laughing out loud.

Saying what we're all thinking has always been Sebastian Maniscalco's specialty. Except when he says it, it's a whole lot funnier and that has fans across North

America showing up in droves for his shows and millions tuning in for his network specials.

Distinguished by *The New York Times* as a comic with his "own kind of panache," Sebastian has taken on everything from selfies that he calls "lonelies" ("Do you know how alone you have to be to have 838 photos of yourself in your bathroom?") to online restaurant reviews ("Who's got the time to write an 18 page essay on asparagus?") to airport check-ins ("I'm taking out a boot...a sock...a toothpaste...does anyone know what two pounds is?").

Join friends and colleagues for this must-attend, after-dinner show, and see for yourself why Sebastian Maniscalco has become one of the most sought-after comedians today!

Doors open at 7:30 p.m. Show starts at 8:30 p.m. Light fare and cash bars will be provided.



NOTE: Absolutely no pictures, audio, or video recording of any kind will be allowed during the performance.

Ticket Info

Entrance to the show requires a ticket and entitles the holder to one free drink. A ticket is included in the full registration price. Additional tickets can be purchased at the Ticket Sales counter in the Registration area. **Tickets are \$45** and must be purchased no later than 3:00 p.m. on Wednesday, December 7. There are no refunds for this event.



The fun continues after the show! LIGHT Nightclub, located in Mandalay Bay, is extending complimentary entry to ASHP attendees and exhibitors with a meeting badge (value \$30 for men & \$20 for women). LIGHT combines cutting-edge creativity with incredible music, to produce a new kind of nightlife experience you won't want to miss!

NOTE: Offer valid on Wednesday, December 7 only. All guests must be 21+ years old and present a government issued photo ID to enter. No large bags, backpacks, or cameras are permitted into the venue; all guests must be in dress code — no hats, sneakers, or athletic wear. Doors open at 10:30pm Management reserves all rights.



Follow #ASHP16

Stay connected to everything happening at the Midyear Clinical Meeting with #ASHP16, the official hashtag for the Midyear meeting. Don't forget to tag your tweets, photos, and videos with the hashtag so others can follow along with your experiences on Twitter, Facebook, and Instagram.

ASHP SPECIALTY REVIEW AND RECERTIFICATION EVENTS—LIVE!

All rooms are located in the
Mandalay Bay South Convention Center
unless otherwise noted.



ASHP offers a contemporary way to prepare for a specialty pharmacy board examination and innovative, highly rated programs for board recertification. Our approach is multifaceted, scenario-based, and interactive — the opposite of the didactic learning norm. Our board review and recertification programs will have an immediate and lasting impact on your practice.

FOR REVIEW AND RECERTIFICATION

SATURDAY AND SUNDAY, DECEMBER 3-4

7:30 a.m.–6:00 p.m. **Islander Ballroom F, Lower Level**
Mandalay Bay North Convention Center

▶ **Live Pharmacotherapy Specialty Review and Recertification Course**

This two-day course provides a robust curriculum for the high-level pharmacy professional who is either planning to take the certification examination or seeking recertification credit.

Course participants follow fictional patients in real-life scenarios, including initial presentation, medical history, risk factors, and complications throughout their treatments and outcomes. Participants learn as they apply various treatment options based on national standards and guidelines. Strong emphasis is placed on the thought processes needed to solve patient care problems in each therapeutic area. As patient cases are discussed, faculty members answer your questions to illustrate key concepts.

Highlights of the ASHP review and recertification course include:

- An interesting, application-based review course approach using complex, case-based interactive learning for high-level practitioners and specialists.
- System-Based Standards and Population-Based Pharmacotherapy, which accounts for 20% of the newly developed BCPS Fall 2016 exam.
- Public health and patient advocacy information in every topic area.
- Educational course materials that can be downloaded and printed in advance, as well as a practice exam containing more than 100 practice questions with answers explained and links to original references.
- Confidently prepare for the exam in only two days, saving you time away from work and home, and drastically reducing travel expenses.
- Access to a course developed by leading continuing education providers, preparatory content experts, and faculty.

You must select either the **Basic Review Course Package**, the **Premium Package**, or the **Recertification Package**:

- **Basic Review Course:** Includes live course with educational course materials (PDF) and practice exam
- **Premium (BEST VALUE):** Includes live course with educational course materials (PDF), online course, Core Therapeutic Module package*, and practice exam
- **Recertification:** Includes live course with educational course materials (PDF) and recertification assessment (for those seeking recertification only)

**Core Therapeutic Modules are on-demand, web-based activities that help identify knowledge gaps on various topics or disease states.*

This course is eligible for up to 16 hours of recertification credit after successful completion of the online assessments, which will be available in January 2017.

For more information and to register, visit www.ashp.org/boardreview2016.

7:30 a.m.–6:00 p.m. **Islander Ballroom G, Lower Level**
Mandalay Bay North Convention Center

▶ **Live Geriatric Pharmacy Specialty Review and Recertification Course**

This two-day course provides a robust curriculum for the high-level pharmacy professional who is either planning to take the certification examination or seeking recertification credit.

Course participants follow fictional patients in real-life scenarios, including initial presentation, medical history, risk factors, and complications throughout their treatments and outcomes. Participants learn as they apply various treatment options based on national standards and guidelines. Strong emphasis is placed on the thought processes needed to solve patient care problems in each therapeutic area. As patient cases are discussed, faculty members answer your questions to illustrate key concepts.

Highlights of the ASHP review course include the following:

- An interesting, application-based review course approach using complex, case-based interactive learning for high-level practitioners and specialists
- Coverage of health-related problems and socioeconomic factors
- Educational materials that can be downloaded and printed

in advance as well as a practice test containing more than 100 practice questions with explained answers and links to original references

- Core Therapeutic Module for home-study, covering statistics, evidence-based medicine, and research design
- Chapter 3, “Biomedical Principles of Aging” by Lisa C. Hutchison from *Fundamentals of Geriatric Pharmacotherapy, Second Edition*, for home study prior to the course
- Confidently prepare for the exam in only two days, saving you time away from work and home, and drastically reducing travel expenses
- Access to a course developed by leading continuing education providers, preparatory content experts, and faculty

You must select either the **Basic Review Course Package**, the **Premium Package**, or the **Recertification Package**:

- **Basic Review Course**: Includes live course, Core Therapeutic Module* covering statistics, pre-meeting reading material**, and practice exam
- **Premium Package (BEST VALUE)**: Includes live course, Core Therapeutic Module* covering statistics, pre-meeting reading material**, online course, ASHP’s *Fundamentals of Geriatric Pharmacotherapy, 2nd edition* (print or ebook), and practice exam
- **Recertification Package**: Includes live course, Core Therapeutic Module covering statistics, pre-meeting reading material, and recertification exam

*Core Therapeutic Modules are on-demand, web-based activities that help identify knowledge gaps on various topics or disease states.

** Pre-meeting reading materials: Prior to the live event, ASHP will provide all registrants with a PDF of Chapter 3 from *Fundamentals of Geriatric Pharmacotherapy, 2nd edition*.

This course is eligible for 16 hours of recertification credit after successful completion of an online assessment, which will be available in February 2017.

For more information and to register, visit www.ashp.org/boardreview2016.

NEW Format!

Live Intensive Study and BCOP Clinical Session Packages

This year the sessions will be held live throughout the Midyear meeting, and any meeting registrant may attend these thought-provoking and highly educational sessions. However, if you are board-certified, you must purchase the package(s) for your specialty in order to receive the recertification assessment and to claim the recertification credit.

If you are currently enrolled in the 3-year recertification subscription or the Resident Reward and Recertification program, the Intensive Study Package is already included in your subscription.

Please note that the BCOP Clinical Sessions are a repeat of the sessions presented in October 2016 at the ACCP Annual Meeting. Learners may claim credit only once. BCOP

Clinical Sessions, while named differently, follow the same format as the Live Intensive Studies.

For pharmacists who maintain more than one certification, some of these sessions provide credit for more than one specialty.

Ambulatory Care Pharmacy Intensive Studies Package

(6.5 hours of recertification credit)

NEW FORMAT: This year the sessions will be held live throughout the Midyear meeting, and any meeting registrant may attend these thought-provoking and highly educational sessions. However, if you are board-certified, you must purchase the package(s) for your specialty to receive the recertification assessment and claim the recertification credit. This package includes the live sessions, recorded versions of the live sessions, and the recertification assessment available in February 2017.

The BCACP recertification activities are developed in partnership with the American Pharmacists Association (APhA).

Sessions included in the Ambulatory Care Intensive Studies package include the following:

MONDAY, DECEMBER 5

2:00 p.m.–3:30 p.m.

Mandalay Bay H, Level 2

Antimicrobial Stewardship for All: What You Need to Know (1.50 hours)

Recertification credit for: BCACP, BCCCP, BCPPS, BCPS, CGP

Antimicrobial stewardship has been highlighted in a presidential executive order and its associated National Action Plan for Combating Antibiotic-Resistant Bacteria; however, there is a large disparity in how antimicrobial stewardship is practiced. In this activity, faculty will describe emerging trends in antimicrobial resistance among common pathogens, as well as methods for antimicrobial resistance surveillance. Next, faculty will focus on defining the personnel and resources necessary for optimal and adequate antimicrobial stewardship. Finally, metrics to track antimicrobial consumption will be discussed, including benefits and pitfalls of each method. Further, faculty will address the comparative ability of the metrics (i.e., benchmarks) and the intricacies of comparing antimicrobial usage across various facilities. Engaging with the faculty through audience response activity, learners will gain knowledge of readily implementable methodologies for trending antimicrobial use within their practice sites.

This activity is approved for Board Certified Ambulatory Care Pharmacist (BCACP), Board Certified Critical Care Pharmacist (BCCCP), Board Certified Pediatric Pharmacy Specialist (BCPPS), Board Certified Pharmacotherapy Specialist (BCPS), and Certified Geriatric Pharmacist (CGP) recertification credit.

ASHP Specialty Review and Recertification Events—Live!

4:15 p.m.—5:15 p.m.

Mandalay Bay B, Level 2

▶ **Preparing for Change: Antimicrobial Stewardship in Ambulatory Care (1.00 hours)**

Recertification credit for: BCACP

Due to the lack of new antimicrobial drug discovery and an increase in antimicrobial resistance in the community, there is a pressing need for healthcare practitioners to evaluate antimicrobial prescribing practices and to implement effective strategies for antimicrobial stewardship in all practice settings. Furthermore, proposed regulatory standards require antimicrobial stewardship efforts in the ambulatory setting at an unprecedented level. The purpose of this activity is to identify antimicrobial resistance patterns of concern, describe proposed regulatory standards related to antimicrobial stewardship, and illustrate methods for implementing antimicrobial stewardship in the ambulatory care setting. Innovative methods, including those for developing an effective stewardship team and collaborative practice agreements, will be provided. Engaging with the faculty through audience response technology, learners will gain confidence in their ability to apply these methods upon return to their practice sites.

This activity is approved for Board Certified Ambulatory Care Pharmacist (BCACP) recertification credit.

TUESDAY, DECEMBER 6

8:00 a.m.—10:00 a.m.

Mandalay Bay H, Level 2

▶ **Controversial High-Impact Publications in Hypertension: SPRINTing Toward the Goal (2.00 hours)**

Recertification credit for: BCACP, BCPS

This activity is designed to provide learners with new evidence from the SPRINT trial related to blood pressure goals, contrast this evidence with other data and consensus recommendations, and enable participants to make patient-centered decisions when selecting blood pressure goals and translate these data to patient care. Speakers will debate the advantages and disadvantages of using lower-than-standard blood pressure goals. Learners will be challenged with case-based questions highlighting important aspects of managing patients with hypertension, focusing on situations where selection of the most appropriate, evidence-based blood pressure goal is challenging.

This activity is approved for Board Certified Ambulatory Care Pharmacist (BCACP) and Board Certified Pharmacotherapy Specialist (BCPS) recertification credit.

2:00 p.m.—4:00 p.m.

Oceanside C, Level 2

▶ **#EvidenceBased? Exploring Challenges with the Quality, Reporting, and Transparency of Evidence in Healthcare Research (2.00 hours)**

Recertification credit for: BCACP, BCPS

This interactive activity will examine recent controversies related to the quality of evidence in regard to research design, including the use of surrogate outcomes, stopping trials early, factorial designs, and adaptive designs. Additionally, issues observed with the reporting of evidence — including reporting bias, reporting discrepancies, retractions, and erratum — will be discussed. Lastly, the activity will explore challenges with the transparency of evidence and regulatory initiatives aimed at improving public access to raw research data. Learners will be presented with audience response questions that highlight these challenges and will be provided with resources to assist in the critical appraisal of biomedical literature. Faculty will emphasize actionable changes pharmacists can make while participating in research, serving as peer reviewers, and formulating recommendations for evidence-based medication use.

This activity is approved for Board Certified Ambulatory Care Pharmacist (BCACP) and Board Certified Pharmacotherapy Specialist (BCPS) recertification credit.

Critical Care Pharmacy Intensive Studies Package

(4 hours of recertification credit)

NEW FORMAT: This year the sessions will be held live throughout the Midyear meeting, and any meeting registrant may attend these thought-provoking and highly educational sessions. However, if you are board-certified, you must purchase the package(s) for your specialty to receive the recertification assessment and claim the recertification credit. This package includes the live sessions, recorded versions of the live sessions, and the recertification assessment available in February 2017.

Sessions included in the Critical Care Intensive Studies package include the following:

MONDAY, DECEMBER 5

2:00 p.m.—3:30 p.m.

Mandalay Bay H, Level 2

▶ **Antimicrobial Stewardship for All: What You Need to Know (1.50 hours)**

Recertification credit for: BCACP, BCCCP, BCPPS, BCPS, CGP

Antimicrobial stewardship has been highlighted in a presidential executive order and its associated National Action Plan for Combating Antibiotic-Resistant Bacteria; however, there is a large disparity in how antimicrobial stewardship is practiced. In this activity, faculty will describe emerging trends in antimicrobial resistance among common pathogens, as well as methods for antimicrobial resistance surveillance. Next, faculty will focus on defining the personnel and resources necessary for optimal and adequate antimicrobial stewardship. Finally, metrics to track antimicrobial consumption will be discussed, including benefits and

pitfalls of each method. Further, faculty will address the comparative ability of the metrics (i.e., benchmarks) and the intricacies of comparing antimicrobial usage across various facilities. Engaging with the faculty through audience response activity, learners will gain knowledge of readily implementable methodologies for trending antimicrobial use within their practice sites.

This activity is approved for Board Certified Ambulatory Care Pharmacist (BCACP), Board Certified Critical Care Pharmacist (BCCCP), Board Certified Pediatric Pharmacy Specialist (BCPPS), Board Certified Pharmacotherapy Specialist (BCPS), and Certified Geriatric Pharmacist (CGP) recertification credit.

3:45 p.m.–4:45 p.m. Mandalay Bay H, Level 2

▶ **Improving Antimicrobial Dosing for Critically Ill Patients: How to Translate Current Evidence into Practice (1.00 hours)**

Recertification credit for: BCCCP, BCPS

The Centers for Disease Control and Prevention, the Infectious Diseases Society of America, the Society for Healthcare Epidemiology of America, ASHP, and the Joint Commission have all called for the core elements of antimicrobial stewardship to be implemented. One core element in which both infectious diseases (ID) and non-ID specialists can participate is the implementation of policies and interventions aimed at improving antibiotic use. Clinical studies suggest that standard dosing regimens for both beta-lactams and aminoglycosides are inadequate to achieve defined pharmacokinetic/pharmacodynamic target exposures that predict improved outcomes. Among some critically ill patients, improved target exposure attainment has translated into improved infection-related outcomes. This activity is designed to expand learners' knowledge of current evidence supporting implementation of dose-optimization quality improvement programs within individual centers. Such efforts will ultimately lead to interventions that will improve population-level and individual care. Learners will have the opportunity to apply this knowledge to patient cases, using active learning strategies and real-time feedback.

This activity is approved for Board Certified Critical Care Pharmacist (BCCCP) and Board Certified Pharmacotherapy Specialist (BCPS) recertification credit.

WEDNESDAY, DECEMBER 7

2:00 p.m.–3:30 p.m. Oceanside C, Level 2

▶ **Update on the Management of Pain, Agitation, and Delirium in the ICU (1.50 hours)**

Recertification credit for: BCCCP

Management of pain, agitation, and delirium (PAD) is essential to optimal care of critically ill patients. Implementation of assessment tools, goal-orientated pharmacotherapy, daily interruption strategies, and use of select pharmacological agents have improved morbidity variables such as duration of mechanical ventilation and ICU length of stay. However, organizations still struggle with implementing best practices, especially in complex patients. Pharmacists are ideally suited

to improve the quality of PAD management. This activity is designed to evaluate recent literature and newly published guidelines for the management of PAD. The faculty will apply this information to patient case scenarios, and learners will have the opportunity to participate in the decision-making process through audience response technology.

This activity is approved for Board Certified Critical Care Pharmacist (BCCCP) recertification credit.

Geriatric Pharmacy Intensive Studies Package

(5 hours of recertification credit)

NEW FORMAT: This year the sessions will be held live throughout the Midyear meeting, and any meeting registrant may attend these thought-provoking and highly educational sessions. However, if you are board-certified, you must purchase the package(s) for your specialty to receive the recertification assessment and claim the recertification credit. This package includes the live sessions, recorded versions of the live sessions, and the recertification assessment available in February 2017.

Sessions included in the Geriatric Pharmacy Intensive Studies package include the following:

MONDAY, DECEMBER 5

2:00 p.m.–3:30 p.m. Mandalay Bay H, Level 2

▶ **Antimicrobial Stewardship for All: What You Need to Know (1.50 hours)**

Recertification credit for: BCACP, BCCCP, BCPPS, BCPS, CGP

Antimicrobial stewardship has been highlighted in a presidential executive order and its associated National Action Plan for Combating Antibiotic-Resistant Bacteria; however, there is a large disparity in how antimicrobial stewardship is practiced. In this activity, faculty will describe emerging trends in antimicrobial resistance among common pathogens, as well as methods for antimicrobial resistance surveillance. Next, faculty will focus on defining the personnel and resources necessary for optimal and adequate antimicrobial stewardship. Finally, metrics to track antimicrobial consumption will be discussed, including benefits and pitfalls of each method. Further, faculty will address the comparative ability of the metrics (i.e., benchmarks) and the intricacies of comparing antimicrobial usage across various facilities. Engaging with the faculty through audience response activity, learners will gain knowledge of readily implementable methodologies for trending antimicrobial use within their practice sites.

This activity is approved for Board Certified Ambulatory Care Pharmacist (BCACP), Board Certified Critical Care Pharmacist (BCCCP), Board Certified Pediatric Pharmacy Specialist (BCPPS), Board Certified Pharmacotherapy Specialist (BCPS), and Certified Geriatric Pharmacist (CGP) recertification credit.

ASHP Specialty Review and Recertification Events—Live!

3:45 p.m.—5:15 p.m.

Oceanside C, Level 2

▶ **Antimicrobial Stewardship: Considerations and Limitations in Geriatric Care Settings (1.50 hours)**

Recertification credit for: CGP

A standard for antimicrobial stewardship in long-term care settings is anticipated from the Centers for Medicare & Medicaid Services (CMS). At present, many consultant pharmacists do not understand how to incorporate these changes into their practice. This activity is designed to bridge that knowledge gap. Faculty will apply the most recent antibiotic stewardship evidence and guidelines to geriatric patient cases, engaging learners through audience response technology. Considerations and potential limitations to performing antimicrobial stewardship in geriatric care settings will be discussed. To better equip the geriatric pharmacist to make appropriate antimicrobial recommendations, faculty will address the potential impact of transitions of care on antibiotic prescribing and monitoring and will provide tools to aid development of appropriate antibiotic therapy and monitoring recommendations.

This activity is approved for Certified Geriatric Pharmacist (CGP) recertification credit.

WEDNESDAY, DECEMBER 7

2:00 p.m.—4:00 p.m.

Mandalay Bay B, Level 2

▶ **Interpreting the Quality of Evidence Supporting New Drug Approvals for the Geriatric Population (2.00 hours)**

Recertification credit for: CGP

New drug clinical trials are conducted in adult patients who are generally healthy. As these new drugs become available, it is important to know how they will be received by other populations. This activity is designed to assess the potential role of recently approved medications in geriatric patient care. Faculty will evaluate available literature to determine whether data may be extrapolated to geriatric patients, considering age-related physiological changes that may affect drug safety and efficacy. Through the use of interactive patient case scenarios, learners will have the opportunity to participate in the decision-making process regarding drug selection in geriatric patients.

This activity is approved for Certified Geriatric Pharmacist (CGP) recertification credit.

Pediatric Pharmacy Intensive Studies Package (4 hours of recertification credit)

NEW FORMAT: This year the sessions will be held live throughout the Midyear meeting, and any meeting registrant may attend these thought-provoking and highly educational sessions. However, if you are board-certified, you must purchase the package(s) for your specialty to receive the recertification assessment and claim the recertification credit.

This package includes the live sessions, recorded versions of the live sessions, and the recertification assessment available in February 2017.

Sessions included in the Pediatric Pharmacy Intensive Studies package include the following:

MONDAY, DECEMBER 5

2:00 p.m.—3:30 p.m.

Mandalay Bay H, Level 2

▶ **Antimicrobial Stewardship for All: What You Need to Know (1.50 hours)**

Recertification credit for: BCACP, BCCCP, BCPPS, BCPS, CGP

Antimicrobial stewardship has been highlighted in a presidential executive order and its associated National Action Plan for Combating Antibiotic-Resistant Bacteria; however, there is a large disparity in how antimicrobial stewardship is practiced. In this activity, faculty will describe emerging trends in antimicrobial resistance among common pathogens, as well as methods for antimicrobial resistance surveillance. Next, faculty will focus on defining the personnel and resources necessary for optimal and adequate antimicrobial stewardship. Finally, metrics to track antimicrobial consumption will be discussed, including benefits and pitfalls of each method. Further, faculty will address the comparative ability of the metrics (i.e., benchmarks) and the intricacies of comparing antimicrobial usage across various facilities. Engaging with the faculty through audience response activity, learners will gain knowledge of readily implementable methodologies for trending antimicrobial use within their practice sites.

This activity is approved for Board Certified Ambulatory Care Pharmacist (BCACP), Board Certified Critical Care Pharmacist (BCCCP), Board Certified Pediatric Pharmacy Specialist (BCPPS), Board Certified Pharmacotherapy Specialist (BCPS), and Certified Geriatric Pharmacist (CGP) recertification credit.

TUESDAY, DECEMBER 6

9:30 a.m.—11:00 a.m.

Oceanside C, Level 2

▶ **Pediatric Antimicrobial Stewardship: Focusing on What Matters (1.50 hours)**

Recertification credit for: BCPPS

Although the body of literature evaluating pediatric antimicrobial stewardship has grown, most studies address the adult population, presenting a challenge for pediatric clinicians. In addition, while many pediatric pharmacists are familiar with antimicrobial stewardship concepts, they may be unaware of the daily opportunities that exist for stewardship interventions. This activity is designed to assist pharmacists in using current evidence to apply pediatric antimicrobial stewardship principles in their practices. Key components for new and established programs will be discussed, including considerations for prior authorization and prospective audit with feedback strategies. Important medical and surgical targets for pediatric antimicrobial

stewardship will be highlighted, and speakers will provide evidence-based recommendations for choice, design, implementation, and evaluation of stewardship initiatives. Evidence supporting initiatives for common antibiotic indications in pediatric patients — including community-acquired pneumonia, appendicitis, and urinary tract infection — will be highlighted. Using audience response technology, participants will have the opportunity to apply what they have learned to patient-centered cases.

This activity is approved for Board Certified Pediatric Pharmacist (BCPPS) recertification credit.

WEDNESDAY, DECEMBER 7

8:30 a.m.–9:30 a.m.

Mandalay Bay B, Level 2

▶ **Piecing Together the Pharmacotherapy Puzzle for Children with Autism Spectrum Disorder (1.00 hours)**

Recertification credit for: BCPPS

As the prevalence of autism increases, research has identified a rise in antipsychotic medication use in pediatric patients. One study revealed that 27% of children and adolescents with autism were taking at least one psychotropic medication. The patients often had a comorbid diagnosis such as attention deficit hyperactivity disorder (ADHD) or depression, and initiation of pharmacotherapy regimens occurred in children as young as three years of age. Pharmacotherapy for autism does not treat the underlying disorder. Rather, therapy is geared toward treating clinical manifestations that may arise with a patient with autism (e.g., aggressive behaviors, inattention, repetitive behaviors). This activity is designed to review practice guidelines and updated recommendations based on the expanded use of multiple medications to treat comorbid conditions in patients with autism. Through audience response technology, learners will have the opportunity to apply this information to pediatric patient cases.

This activity is approved for Board Certified Pediatric Pharmacy Specialist (BCPPS) recertification credit.

Pharmacotherapy Intensive Studies Package

(6.5 hours of recertification credit)

NEW FORMAT: This year the sessions will be held live throughout the Midyear meeting, and any meeting registrant may attend these thought-provoking and highly educational sessions. However, if you are board-certified, you must purchase the package(s) for your specialty to receive the recertification assessment and claim the recertification credit. This package includes the live sessions, recorded versions of the live sessions, and the recertification assessment available in February 2017.

Sessions included in the Pharmacotherapy Intensive Studies package include the following:

MONDAY, DECEMBER 5

2:00 p.m.–3:30 p.m.

Mandalay Bay H, Level 2

▶ **Antimicrobial Stewardship for All: What You Need to Know (1.50 hours)**

Recertification credit for: BCACP, BCCCP, BCPPS, BCPS, CGP

Antimicrobial stewardship has been highlighted in a presidential executive order and its associated National Action Plan for Combating Antibiotic-Resistant Bacteria; however, there is a large disparity in how antimicrobial stewardship is practiced. In this activity, faculty will describe emerging trends in antimicrobial resistance among common pathogens, as well as methods for antimicrobial resistance surveillance. Next, faculty will focus on defining the personnel and resources necessary for optimal and adequate antimicrobial stewardship. Finally, metrics to track antimicrobial consumption will be discussed, including benefits and pitfalls of each method. Further, faculty will address the comparative ability of the metrics (i.e., benchmarks) and the intricacies of comparing antimicrobial usage across various facilities. Engaging with the faculty through audience response activity, learners will gain knowledge of readily implementable methodologies for trending antimicrobial use within their practice sites.

This activity is approved for Board Certified Ambulatory Care Pharmacist (BCACP), Board Certified Critical Care Pharmacist (BCCCP), Board Certified Pediatric Pharmacy Specialist (BCPPS), Board Certified Pharmacotherapy Specialist (BCPS), and Certified Geriatric Pharmacist (CGP) recertification credit.

3:45 p.m.–4:45 p.m.

Mandalay Bay H, Level 2

▶ **Improving Antimicrobial Dosing for Critically Ill Patients: How to Translate Current Evidence into Practice (1.00 hours)**

Recertification credit for: BCCCP, BCPS

The Centers for Disease Control and Prevention, the Infectious Diseases Society of America, the Society for Healthcare Epidemiology of America, ASHP, and the Joint Commission have all called for the core elements of antimicrobial stewardship to be implemented. One core element in which both infectious diseases (ID) and non-ID specialists can participate is the implementation of policies and interventions aimed at improving antibiotic use. Clinical studies suggest that standard dosing regimens for both beta-lactams and aminoglycosides are inadequate to achieve defined pharmacokinetic/pharmacodynamic target exposures that predict improved outcomes. Among some critically ill patients, improved target exposure attainment has translated into improved infection-related outcomes. This activity is designed to expand learners' knowledge of current evidence supporting implementation of dose-optimization quality improvement programs within individual centers. Such efforts will ultimately lead to interventions that will improve population-level and individual care. Learners will have the opportunity to apply this knowledge to patient cases, using active learning strategies and real-time feedback.

This activity is approved for Board Certified Critical Care Pharmacist (BCCCP) and Board Certified Pharmacotherapy Specialist (BCPS) recertification credit.

ASHP Specialty Review and Recertification Events—Live!

TUESDAY, DECEMBER 6

8:00 a.m.–10:00 a.m.

Mandalay Bay H, Level 2

▶ **Controversial High-Impact Publications in Hypertension: SPRINTing Toward the Goal (2.00 hours)**

Recertification credit for: BCACP, BCPS

This activity is designed to provide learners with new evidence from the SPRINT trial related to blood pressure goals, contrast this evidence with other data and consensus recommendations, and enable participants to make patient-centered decisions when selecting blood pressure goals and translate these data to patient care. Speakers will debate the advantages and disadvantages of using lower-than-standard blood pressure goals. Learners will be challenged with case-based questions highlighting important aspects of managing patients with hypertension, focusing on situations where selection of the most appropriate, evidence-based blood pressure goal is challenging.

This activity is approved for Board Certified Ambulatory Care Pharmacist (BCACP) and Board Certified Pharmacotherapy Specialist (BCPS) recertification credit.

2:00 p.m.–4:00 p.m.

Oceanside C, Level 2

▶ **#EvidenceBased? Exploring Challenges with the Quality, Reporting, and Transparency of Evidence in Healthcare Research (2.00 hours)**

Recertification credit for: BCACP, BCPS

This interactive activity will examine recent controversies related to the quality of evidence in regard to research design, including the use of surrogate outcomes, stopping trials early, factorial designs, and adaptive designs. Additionally, issues observed with the reporting of evidence — including reporting bias, reporting discrepancies, retractions, and erratum — will be discussed. Lastly, the activity will explore challenges with the transparency of evidence and regulatory initiatives aimed at improving public access to raw research data. Learners will be presented with audience response questions that highlight these challenges and will be provided with resources to assist in the critical appraisal of biomedical literature. Faculty will emphasize actionable changes pharmacists can make while participating in research, serving as peer reviewers, and formulating recommendations for evidence-based medication use.

This activity is approved for Board Certified Ambulatory Care Pharmacist (BCACP) and Board Certified Pharmacotherapy Specialist (BCPS) recertification credit.

BCOP Clinical Sessions

(4 hours of recertification credit)

NEW FORMAT: This year the sessions will be held live throughout the Midyear meeting, and any meeting registrant may attend these thought-provoking and highly educational sessions. However, if you are board-certified, you must purchase the package(s) for your specialty to receive the recertification assessment and claim the recertification credit. This package includes the live sessions, recorded versions of the live sessions, and the recertification assessment that is currently available.

Please note that the BCOP Clinical Sessions are a repeat of the sessions presented in October 2016 at the ACCP Annual Meeting. Learners may claim credit only once. BCOP Clinical Sessions, while named differently, follow the same format as the Live Intensive Studies.

BCOP recertification activities are developed in partnership with the American College of Clinical Pharmacy (ACCP).

Sessions included in the BCOP Clinical Sessions package include the following:

TUESDAY, DECEMBER 6

8:00 a.m.–10:00 a.m.

Mandalay Bay B, Level 2

▶ **BCOP Clinical Sessions: Lung Cancer Therapy and Molecular Targets (2.00 hours)**

Recertification credit for: BCOP

2:00 p.m.–4:00 p.m.

Mandalay Bay B, Level 2

▶ **BCOP Clinical Sessions: Multiple Myeloma and Pediatric CINV (2.00 hours)**

Recertification credit for: BCOP

The ACCP/ASHP BCOP Clinical Sessions will explore cutting-edge and contemporary therapeutic topics. The 2016 BCOP Clinical Sessions focus on advances in lung cancer therapies, treatment strategies of multiple myeloma, and management of pediatric CINV.

These activities are approved for Board Certified Oncology Pharmacist (BCOP) recertification credit.

For additional information, including a complete list of faculty and learning objectives, visit www.ashp.org/boardreview2016.

PRE-MEETING WORKSHOPS

All rooms are located in the
Mandalay Bay South Convention Center
unless otherwise noted.

Unless otherwise noted, the following applies to all workshops:

- On-site registration may be available, space permitting. If on-site registration is available for a particular workshop, proceed to Attendee On-Site Registration in **Bayside A, Level 1**.
- Lunch is included for all **full-day** workshops unless otherwise noted.
- Workshops are not audio-recorded.

SATURDAY, DECEMBER 3

8:00 a.m.–5:00 p.m.

▶ Residency Program Design and Conduct (RPDC)

Onsite Workshop Fee: \$510 (space permitting)

NOTE: CE credits will not be offered for this workshop.

Review accreditation standards for the design and conduct of a residency program, including requirements related to program purpose, competency areas, goals and objectives, program structure, learning experiences, orientation, use of preceptor roles, evaluation, resident development plans, and continuous residency program improvement. Participants may bring materials from their program for review during the workshop. Take advantage of the opportunity to have your questions answered and to share ideas with your fellow participants.

Room Locations:

- | | |
|---|----------------------------|
| ● RPDC A: PGY1 New Programs | Lagoon F, Level 2 |
| ● RPDC B: PGY1 Existing Programs | Breakers B, Level 2 |
| ● RPDC C: PGY2 New and Existing Programs | Lagoon L, Level 2 |

Faculty:

RPDC A: PGY1 New Programs

Margaret Chrymko, Pharm.D., FASHP, Clinical Pharmacy Specialist, Erie VA Medical Center, Erie, Pa.

Andrea Haron, Pharm.D., Accreditation Services Associate, Accreditation Services, ASHP, Bethesda, Md.

Andrea G. Roberson, Pharm.D., Director of Quality and Process Improvement, Accreditation Services, ASHP, Bethesda, Md.

RPDC B: PGY1 Existing Programs

Beth Bryles Phillips, Pharm.D., BCPS, FASHP, FCCP, Rite Aid Professor, University of Georgia College of Pharmacy, Athens, Ga.; Clinical Pharmacy Specialist, Charlie Norwood VA Medical Center, Augusta, Ga.

Susan Francis, Pharm.D., Accreditation Services Associate, Accreditation Services, ASHP, Bethesda, Md.

Kimberly Mattox, Pharm.D., Clinical Pharmacy Specialist, Geriatrics, James A. Haley Veterans Hospital, Tampa, Fla.

See page 134 for presenter disclosures.

Christopher M. Scott, Pharm.D., BCPS, FASHP, FCCM, Associate Vice President of Pharmacy and Respiratory Care, Eskenazi Health, Indianapolis, Ind.

David J. Warner, Pharm.D., Director, Center on Practice Development, Practice Advancement, ASHP, Bethesda, Md.

RPDC C: PGY2 New and Existing Programs

William A. Miller, Pharm.D., FASHP, FCCP, Consultant Pharmacist, Charleston, S.C.

Steven Pass, Pharm.D., BCPS, FASHP, FCCM, FCCP, Associate Professor and Vice Chair of Residency Programs, Texas Tech University Health Sciences Center School of Pharmacy, Dallas, Texas

SUNDAY, DECEMBER 4

8:00 a.m.–5:00 p.m.

Mandalay Bay B, Level 2

▶ Basic Statistics: A Nonthreatening Approach to the Use of Statistics in Clinical Trials 2016

ACTIVITY #0204-0000-16-317-L04-P

7.50 CONTACT HOURS | APPLICATION-BASED

Onsite Workshop Fee: \$510 (space permitting)

Learn how to apply basic statistical tests to research reports typically seen in medical literature. This workshop explores the most commonly used tests including t-tests, analysis of variance, tests for equivalence, Z-test of proportions, odds ratios and relative risk ratios, chi-square, correlation, and linear regression. Practical examples and problems drawn from scientific research will be used to illustrate statistical concepts and mathematical procedures. Emphasis is on the appropriate use of statistics and the interpretation of their results.

Faculty:

James E. DeMuth, Ph.D., Professor Emeritus, University of Wisconsin-Madison, Madison, Wis.

8:00 a.m.–5:15 p.m.

MGM Grand Conference Center,
Room 319, 3rd Floor

▶ 340B University™



Planned and offered by Apexus, the contractor awarded management of the 340B Prime Vendor Program for Health Resources and Services Administration's Office of Pharmacy Affairs.

There is no fee to attend this workshop and Midyear meeting registration is not required.

RESIDENT AND NEW PRACTITIONER PROGRAMMING

All rooms are located in the
Mandalay Bay South Convention Center
unless otherwise noted.

Are you in your first five years of pharmacy practice? You're probably still finding your way — and your concerns, needs, and interests aren't the same as those of your more seasoned colleagues.

ASHP developed this programming to address the unique needs of residents and new practitioners at the Midyear meeting. Explore workplace challenges, mentorship, and clinical issues in an encouraging and motivational atmosphere.

Best of all, entry into this programming is included in your full Midyear meeting registration fee.

Ensure your success. Spend your weekend with other residents and new practitioners, and see your way to a great future.

Career Development

Learn tips and tricks that your colleagues have used successfully to advance their careers.

Mastering Your Clinical Practice

You've earned the right to be a member of the healthcare team. On a day-to-day basis, you must demonstrate you are competent, professional, intelligent, and credible. Learn ways to improve your clinical skills, regardless of your area of practice.

SUNDAY, DECEMBER 4

	CAREER DEVELOPMENT	MASTERING YOUR CLINICAL PRACTICE	
	South Seas F, Level 3	South Seas D, Level 3	South Seas B, Level 3
9:00 a.m.–10:15 a.m.	Do or Do Not: Understanding and Developing Your Internal Leader	Dialyzing off the Confusion: Drug Dosing Adjustments in Renal Replacement Therapies	Get in Rhythm with the Safe and Effective Use of Antiarrhythmic Drugs
10:30 a.m.–12:00 p.m.	Stepping into Academia: Finding the Right Fit	Overcoming Barriers of Biosimilar Implementation	Stop the Bloodshed: What a Pharmacist Needs to Know About Emergent Reversal of Anticoagulation
12:00 p.m.–1:00 p.m.	LUNCH ON OWN		
1:00 p.m.–2:15 p.m.	Stepping It Up: Implementation of a Pharmacist Career Ladder Program	The Other Side of the Curtain: Transitions of Care in the Emergency Department	Alcohol Use Disorder Pharmacotherapy: Traditional Approaches and New Strategies
2:30 p.m.–4:00 p.m.	The Best of Times, The Worst of Times: Navigating the Peer Review Process	Don't Roll the Dice: Preventing Falls in Older Adults	Strategies for Successful Parenteral Nutrition Order Writing
4:15 p.m.–5:15 p.m.	Credentialing and Privileging: A Primer for Pharmacy Residents and New Practitioners	A Practical Approach to Obesity Management: Weighing the Options	From Admission to Discharge: Optimizing the Management of Hospitalized Patients with New Options for Type 2 Diabetes

9:00 a.m.–10:15 a.m.

South Seas F, Level 3

▶ Do or Do Not: Understanding and Developing Your Internal Leader

Planned in cooperation with the ASHP New Practitioners Forum

ACTIVITY #0204-0000-16-322-L04-P

1.25 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair/Moderator: Jillian Foster, Pharm.D., MBA, System Pharmacy Service Line Administrator, Baptist Memorial Health Care Corp, Memphis, Tenn.

Learning Objectives:

- List available leadership self-assessment instruments.
- Apply the leadership profile template to assess an individual's leadership development.
- Construct the framework for a personalized leadership development strategy.

Presenters:

Joseph K. Bonnarens, B.S.Pharm., Ph.D., M.S., Associate Dean for Student Affairs, and Treasurer and National Executive Committee Member, Phi Lambda Sigma Pharmacy Leadership Society, Manchester University, Fort Wayne, Ind.

Jillian Foster, Pharm.D., MBA

9:00 a.m.–10:15 a.m.

South Seas D, Level 3

▶ Dialyzing off the Confusion: Drug Dosing Adjustments in Renal Replacement Therapies

Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists

ACTIVITY #0204-0000-16-327-L01-P

1.25 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: ADVANCED

Program Chair/Moderator: Suprat S. Wilson, Pharm.D., BCPS, Pharmacy Coordinator, Emergency Medicine Services, Detroit Receiving Hospital, Detroit, Mich.

Learning Objectives:

- Discuss key concepts and recent literature related to continuous renal replacement therapy (CRRT) and hybrid dialysis therapies.
- Evaluate recent literature on drug dosing considerations for CRRT and hybrid dialysis therapies.
- Recommend strategies for drug dosing adjustments in CRRT and hybrid dialysis therapy settings.

Presenters:

Bruce A. Mueller, Pharm.D., FASN, FCCP, FNKF, Professor and Associate Dean of Academic Affairs, University of Michigan College of Pharmacy, Ann Arbor, Mich.

Bridget Scoville, Pharm.D., BCPS, Clinical Pharmacist, Saint Alexius Medical Center, Hoffman Estates, Ill.

9:00 a.m.–10:15 a.m.

South Seas B, Level 3

▶ Get in Rhythm with the Safe and Effective Use of Antiarrhythmic Drugs

ACTIVITY #0204-0000-16-332-L01-P

1.25 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: ADVANCED

Program Chair/Moderator: Karen J. McConnell, Pharm.D., BCPS-AQ Cardiology, FCCP, Clinical Director, Cardinal Health, Castle Rock, Colo.; Clinical Associate Professor, University of Colorado School of Pharmacy, Aurora, Colo.

Learning Objectives:

- Compare antiarrhythmic treatment and monitoring plans for atrial arrhythmias.
- Distinguish between treatment agents and monitoring strategies for ventricular arrhythmia suppression.
- Justify patient factors to consider to help ensure that antiarrhythmic drugs are dosed safely and effectively.
- Discuss drug interactions that may contribute to potential adverse effects.

Presenters:

Shannon W. Finks, Pharm.D., BCPS-AQ Cardiology, FCCP, Professor of Clinical Pharmacy, University of Tennessee College of Pharmacy; Clinical Pharmacy Specialist, Veterans Affairs Medical Center, Memphis, Tenn.

Karen J. McConnell, Pharm.D., BCPS-AQ Cardiology, FCCP

10:30 a.m.–12:00 p.m.

South Seas F, Level 3

▶ Stepping into Academia: Finding the Right Fit

Planned in cooperation with the American Association of Colleges of Pharmacy

ACTIVITY #0204-0000-16-323-L04-P

1.50 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair/Moderator: Michelle L. Hilaire, Pharm.D., BCACP, BCPS, CDE, FCCP, Clinical Professor, University of Wyoming, Laramie, Wyo.; Clinical Pharmacist, Fort Collins Family Medicine Residency, Fort Collins, Colo.

Learning Objectives:

- Identify trends in pharmacy education that are shaping the workforce of the pharmacy profession.
- Explain the potential benefits, opportunities, and challenges associated with a career in academia.
- Explain the requirements for promotion and tenure that are relevant for clinician educators.
- Discuss strategies to enhance one's professional career in an academic setting.

Presenters:

Joseph T. DiPiro, Pharm.D., Dean, Virginia Commonwealth University, Richmond, Va.

Joel C. Marrs, Pharm.D., ASH-CHC, BCPS-AQ Cardiology, BCACP, CLS, FASHP, FCCP, FNLA, Associate Professor, University of Colorado, Aurora, Colo.

Alan Zillich, Pharm.D., FCCP, Professor and Head, Purdue University, Department of Pharmacy Practice, West Lafayette, Ind.

continues >

Resident and New Practitioner Programming

Panelist:

Jennifer L. Adams, Pharm.D., Ed.D., Senior Advisor, Student Affairs, American Association of Colleges of Pharmacy, Alexandria, Va.

10:30 a.m.–12:00 p.m.

South Seas B, Level 3

▶ Stop the Bloodshed: What a Pharmacist Needs to Know About Emergent Reversal of Anticoagulation

Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists

ACTIVITY #0204-0000-16-328-L01-P
1.50 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair/Moderator: Zlatan Coralic, Pharm.D., BCPS, Emergency Medicine Clinical Pharmacist, University of California San Francisco, San Francisco, Calif.

Learning Objectives:

- Discuss the literature related to the pharmacologic reversal of warfarin during life-threatening bleeding.
- Discuss the literature related to the pharmacologic reversal of Xa inhibitors during life-threatening bleeding.
- Discuss the literature related to the pharmacologic reversal of direct thrombin inhibitors during life-threatening bleeding.

Presenters:

Nicole M. Acquisto, Pharm.D., BCPS, Emergency Medicine Clinical Pharmacy Specialist, University of Rochester Medical Center; Assistant Professor, Department of Emergency Medicine, University of Rochester, Rochester, N.Y.

Zlatan Coralic, Pharm.D., BCPS

Bryan D. Hayes, Pharm.D., DABAT, FAACT, Clinical Pharmacist, Emergency Medicine and Toxicology, Massachusetts General Hospital; Assistant Professor of Emergency Medicine, Harvard Medical School, Boston, Mass.

10:30 a.m.–12:00 p.m.

South Seas D, Level 3

▶ Overcoming Barriers of Biosimilar Implementation

ACTIVITY #0204-0000-16-333-L04-P
1.50 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair/Moderator: Edward Li, Pharm.D., M.P.H., BCOP, Associate Professor, University of New England College of Pharmacy, Portland, Maine

Learning Objectives:

- Identify policies that may hinder biosimilar implementation.
- Compose answers to questions asked frequently by prescribers regarding biosimilar use.
- Recommend strategies to assist in overcoming biosimilar implementation barriers.

Presenters:

Edward Li, Pharm.D., M.P.H., BCOP

James G. Stevenson, Pharm.D., FASHP, President, Visante, Inc., St. Paul, Minn.

1:00 p.m.–2:15 p.m.

South Seas F, Level 3

▶ Stepping It Up: Implementation of a Pharmacist Career Ladder Program

Planned in cooperation with the ASHP New Practitioners Forum

ACTIVITY #0204-0000-16-324-L04-P
1.25 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair/Moderator: Eric M. Tichy, Pharm.D., BCPS, FAST, FCCP, Manager, Clinical Pharmacy Services, and Director, PGY2 Residency Solid Organ Transplantation, Yale-New Haven Hospital, New Haven, Conn.

Learning Objectives:

- List five domains that could be included in a pharmacist career ladder.
- Compare and contrast the benefits a pharmacist career ladder program can provide to an organization.
- Develop an outline for a career ladder program that can be implemented at your organization.

Presenters:

Mojdeh S. Heavner, Pharm.D., BCCCP, BCPS, Supervisor, Clinical Pharmacy Services, and Director, Critical Care Residency Program, Yale-New Haven Hospital, New Haven, Conn.

Eric M. Tichy, Pharm.D., BCPS, FCCP, FAST

1:00 p.m.–2:15 p.m.

South Seas D, Level 3

▶ The Other Side of the Curtain: Transitions of Care in the Emergency Department

ACTIVITY #0204-0000-16-329-L04-P
1.25 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair/Moderator: Laurimay Laroco, Pharm.D., Pharmacy Clinical Coordinator – Adult Emergency Department and Clinical Evaluation Areas, WakeMed Health & Hospitals, Raleigh, N.C.

Learning Objectives:

- Outline a process for the ED pharmacist to take part in the review of discharge prescriptions.
- Choose methods for ED pharmacist involvement in the follow-up of DVT/PE patients.
- Evaluate opportunities for chronic disease management at discharge and communication to outside providers.
- Create pharmacist-intervention strategies for transitions of care related to ED-boarded patients.

Presenters:

Joseph Halfpap, Pharm.D., BCPS, Emergency Medicine Pharmacist, UW Health, Madison, Wis.

Christi Jen, Pharm.D., BCPS, Clinical Pharmacist – Emergency Medicine, Banner Boswell Medical Center, Sun City, Ariz.

1:00 p.m.–2:15 p.m.

South Seas B, Level 3

▶ Alcohol Use Disorder Pharmacotherapy: Traditional Approaches and New Strategies

ACTIVITY #0204-0000-16-334-L01-P

1.25 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: ADVANCED

Program Chair/Moderator: Megan Sarashinsky, Pharm.D., BCPP, Psychiatry Clinical Specialist, CJW Medical Center – Chippenham Hospital, Richmond, Va.

Learning Objectives:

- Compare the diagnostic criteria, biomarkers, and screening tools used for detecting alcohol use disorder.
- Appraise the efficacy of medications used to treat alcohol use disorder.
- Construct a pharmacotherapy plan for a patient with alcohol use disorder.
- Design a medication-specific monitoring plan for patients with alcohol use disorder.

Presenter:

Sarah J. Popish, Pharm.D., BCPP, Program Manager, Academic Detailing Program Office, Department of Veterans Affairs, Sarasota, Fla.

2:30 p.m.–4:00 p.m.

South Seas F, Level 3

▶ The Best of Times, the Worst of Times: Navigating the Peer Review Process

ACTIVITY #0204-0000-16-325-L04-P

1.50 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair/Moderator: William L. Baker, Pharm.D., FACC, FCCP, Assistant Professor, University of Connecticut School of Pharmacy, Storrs, Conn.

Learning Objectives:

- Describe the role of the peer reviewer from the perspective of a journal.
- Evaluate the elements of a high-quality peer review process.
- Apply the process of responding to peer-review and editorial comments.

Presenters:

William L. Baker, Pharm.D., FACC, FCCP

Daniel J. Coughlin, Pharm.D., DABAT, FAACT, Assistant Vice President and Editor in Chief, AJHP, Bethesda, Md.

Robert J. DiDomenico, Pharm.D., BCPS-AQ Cardiology, FCCP, Clinical Professor, University of Illinois at Chicago; Cardiovascular Clinical Pharmacist, University of Illinois Hospital, Chicago, Ill.

2:30 p.m.–4:00 p.m.

South Seas D, Level 3

▶ Don't Roll the Dice: Preventing Falls in Older Adults

Planned in cooperation with the ASHP Section of Ambulatory Care Practitioners

ACTIVITY #0204-0000-16-330-L01-P

1.50 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: ADVANCED

Program Chair/Moderator: Mollie A. Scott, Pharm.D., BCACP, CPP, Regional Associate Dean, UNC Eshelman School of Pharmacy, Asheville, N.C.; Clinical Associate Professor, UNC School of Medicine, Chapel Hill, N.C.

Learning Objectives:

- Choose a therapeutic plan to decrease the risk of falls using recommendations from the 2015 American Geriatrics Society Beers Criteria.
- Evaluate clinical trials that examine the relationship between vitamin D and falls in high-risk geriatric patients.
- Compare screening tools that identify seniors who are at risk for falls.
- Describe workflow strategies for incorporating falls-reduction strategies into the Annual Wellness Visit for Medicare recipients.

Presenters:

Melanie A. Dodd, Pharm.D., Ph.C., BCPS, Department Vice-Chair, Associate Professor, Department of Pharmacy Practice and Administrative Sciences, College of Pharmacy, The University of New Mexico, Albuquerque, N.M.

Michelle A. Fritsch, Pharm.D., BCACP, CGP, Founder and President, Meds MASH, LLC, Monkton, Md.

Mollie A. Scott, Pharm.D., BCACP, CPP

2:30 p.m.–4:00 p.m.

South Seas B, Level 3

▶ Strategies for Successful Parenteral Nutrition Order Writing

ACTIVITY #0204-0000-16-335-L01-P

1.50 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair/Moderator: Karrie Derenski, Pharm.D., BCNSP, CNSC, Clinical Coordinator, Critical Care, Metabolic Support & Emergency Medicine, Department of Pharmacy, CoxHealth, Springfield, Mo.

Learning Objectives:

- Calculate an individualized parenteral nutrition formula for a patient incorporating age, disease, and unique nutrition requirements into design.
- Assess skills for monitoring parenteral nutrition formula from initiation to achievement of composition goal.
- Justify strategies for managing electrolyte abnormalities.
- Describe safe parenteral nutrition compounding practices and parenteral nutrition formula design.

Presenters:

Mary Petrea Cober, Pharm.D., BCNSP, Clinical Coordinator – Neonatal Intensive Care Unit, Akron Children's Hospital, Akron, Ohio; Associate Professor – Pharmacy Practice, Section Lead – Specialty Care, Northeast Ohio Medical University, College of Pharmacy, Rootstown, Ohio

Karrie Derenski, Pharm.D., BCNSP, CNSC

Anne Tucker, Pharm.D., BCNSP, Clinical Pharmacy Specialist, MD Anderson Cancer Center, Houston, Texas

Resident and New Practitioner Programming

4:15 p.m.–5:15 p.m.

South Seas F, Level 3

▶ **Credentialing and Privileging: A Primer for Pharmacy Residents and New Practitioners**

Planned in cooperation with the ASHP New Practitioners Forum

ACTIVITY #0204-0000-16-326-L04-P
1.00 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair: Tracy Carter, Pharm.D., BCPS, Decentralized Pharmacist – Critical Care and Internal Medicine, DCH Regional Medical Center, Tuscaloosa, Ala.

Moderator: Jamie Sebaaly, Pharm.D., BCPS, Assistant Professor of Pharmacy, Wingate University School of Pharmacy, Wingate, N.C.

Learning Objectives:

- Explain the benefits of credentialing and privileging of pharmacists.
- Compare available certifications and credentials.
- Evaluate privileging programs at select organizations.
- Assess opportunities for initiating a privileging program at your organization.

Presenters:

Brian Cross, Pharm.D., BCACP, CDE, Associate Professor and Vice-Chair Department of Pharmacy Practice, Bill Gatton College of Pharmacy; Interim Director for Interprofessional Education & Research, East Tennessee State University Academic Health Sciences Center, Johnson City, Tenn.

Joel Hennenfent, Pharm.D., MBA, BCPS, FASHP, System Director of Pharmacy Services, Truman Medical Centers, Kansas City, Mo.

4:15 p.m.–5:15 p.m.

South Seas B, Level 3

▶ **From Admission to Discharge: Optimizing the Management of Hospitalized Patients with New Options for Type 2 Diabetes**

Planned in cooperation with the ASHP Section of Inpatient Care Practitioners

ACTIVITY #0204-0000-16-331-L01-P
1.00 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair/Moderator: Linda M. Spooner, Pharm.D., BCPS-AQ ID, FASHP, Professor of Pharmacy Practice, Massachusetts College of Pharmacy and Health Sciences (MCPHS) University School of Pharmacy-Worcester/Manchester, Worcester, Mass.

Learning Objectives:

- Assess the role of new antihyperglycemic agents in hospitalized patients and their implications on formulary management.
- Explain challenges in managing blood glucose fluctuations in inpatients with diabetes.
- Formulate a systematic approach to facilitating transitions from inpatient to outpatient care.

Presenters:

Amy C. Donihi, Pharm.D., BCPS, Associate Professor, University of Pittsburgh School of Pharmacy, Pittsburgh, Pa.

Jacqueline L. Olin, Pharm.D., M.S., BCPS, CDE, FASHP, FCCP, Professor of Pharmacy, Wingate University School of Pharmacy, Wingate, N.C.; Clinical Pharmacy Specialist, Novant Health, Charlotte, N.C.

4:15 p.m.–5:15 p.m.

South Seas D, Level 3

▶ **A Practical Approach to Obesity Management: Weighing the Options**

ACTIVITY #0204-0000-16-336-L01-P
1.00 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: ADVANCED

Program Chair/Moderator: Michelle L. Hilaire, Pharm.D., BCACP, BCPS, CDE, FCCP, Clinical Professor, University of Wyoming, Laramie, Wyo.; Clinical Pharmacist, Fort Collins Family Medicine Residency, Fort Collins, Colo.

Learning Objectives:

- Describe the prevalence of overweight and obese patients in the U.S.
- Discuss recommendations included in the recent obesity management guidelines.
- Evaluate the efficacy, safety, and clinical utility of currently available pharmacologic therapies intended to aid weight loss and maintenance.
- Develop a strategy for medication management in a patient who has undergone bariatric surgery.

Presenters:

Sarah L. Anderson, Pharm.D., BCPS, Assistant Professor, University of Colorado Skaggs School of Pharmacy & Pharmaceutical Sciences, Aurora, Colo.; Clinical Pharmacy Specialist, Denver Health Medical Center, Denver, Colo.

Jaime R. Hornecker, Pharm.D., BCPS, CDE, Clinical Associate Professor, University of Wyoming School of Pharmacy, Laramie, Wyo.

ASHP PHARMACY STUDENT FORUM PROGRAMMING

All rooms are located in the
Mandalay Bay South Convention Center
unless otherwise noted.

SATURDAY, DECEMBER 3

7:00 a.m.–6:00 p.m.

Banyan B, Level 3

▶ Clinical Skills Competition Semi-Final Round

(closed session)

Sponsored by the ASHP Research and Education Foundation and Supported by Wolters Kluwer Health

It's the battle of the best and brightest. Winning teams from the preliminary round (school-level) competitions at each college of pharmacy will compete in the semi-final round at the national level, showcasing their clinical skills and knowledge.

SUNDAY, DECEMBER 4

7:00 a.m.–8:30 a.m.

▶ Pharmacy Student Forum Advisory Group Meetings

(closed session by invitation only)

8:30 a.m.–10:00 a.m.

Lagoon L, Level 2

▶ SSHP Leaders Workshop

Current officers or emerging leaders in Student Societies of Health-System Pharmacy (SSHP) will join other student leaders from across the nation to network, share, and reaply best practices from fundraising to programming.

Presenters:

Lauren Stanz, Pharm.D. Candidate 2018, University of Texas College of Pharmacy, and Vice Chair, Pharmacy Student Forum Executive Committee, San Antonio, Texas

Kelsey Stephens, Pharm.D. Candidate 2017, University of Mississippi School of Pharmacy, and Member, Pharmacy Student Forum Executive Committee, Jackson, Miss.

9:00 a.m.–10:00 a.m.

Mandalay Bay D, Level 2

▶ Strategies for Personal and Professional Success

Be inspired and motivated to take action in achieving your personal and professional career goals. Panelists of pharmacy leaders will provide examples of how to successfully learn and incorporate skills including work-life integration, emotional intelligence, self-assessment, and mentor-coach-sponsor relationships.

Speakers:

Rick Coudry, M.S., B.S.Pharm., FASHP, Executive Director of Pharmacy Services, University of Kansas Hospital, Kansas City, Kan.

Lynette Moser, Pharm.D., Clinical Associate Professor, Associate Chair and Director of Professional and Academic Development, Wayne State University, Detroit, Mich.

Rita Shane, Pharm.D., FASHP, FCSHP, Chief Pharmacy Officer, Cedars Sinai Medical Center, and Assistant Dean, Clinical

Pharmacy, University of California San Francisco, Los Angeles, Calif.

Elva A. Van Devender, Pharm.D., Ph.D., BCPS, Program Manager, Clinical Pharmacy Education, Providence Health & Services, Oregon Region, Portland, Ore.

Moderators:

Elizabeth Dow, Pharm.D., Hematology/Oncology Clinical Pharmacist, University of Wisconsin Hospital and Clinics, Madison, Wis.

Ashley Duty, Pharm.D., M.S., Pharmacy Manager, Children's Mercy Hospital, Overland Park, Kan.

10:10 a.m.–11:20 a.m.

Mandalay Bay H, Level 2

▶ Pharmacy Student Forum Opening Session

Join your fellow ASHP Pharmacy Student Forum members to kick off the Midyear meeting. This session will start with a lot of excitement as the top 10 finalist teams from the national Clinical Skills Competition are announced.

Moderator: Jenna Fancher, Pharm.D. Candidate 2017, Jefferson College of Pharmacy, and Chair, Pharmacy Student Forum Executive Committee, Philadelphia, Pa.

One More Thing, One More Time

As a child, Josh lost his left leg and began a lifelong process of adapting to change and learning to excel within his circumstances. In his speech, he shares stories about training for the Paralympics and playing jokes with his artificial leg to give audience members practical motivation and strategies for adapting to a new workplace environment.

As a person with a disability, his presentation helps professionals understand and communicate effectively with coworkers of different ability, background, or age.

Attendees will leave the presentation with ideas about how to use Josh's Paralympic training motto 1mt1mt (one more thing, one more time) to help them reach their professional goals by putting their best attributes to work in their careers. Pharmacy students will be inspired to do one more thing, one more time to find a strong match for their first job and to enter the health-system sector with the mindset that will bring them long-term success.



11:30 a.m.–12:30 p.m.

Mandalay Bay H, Level 2

▶ Mysteries of the Match

Are you interested in a residency but afraid of the Match? Don't be! Come learn how the pharmacy residency matching service works, learn strategies to successfully navigate through the Match, and get tips on what to do if you don't match.

Speaker: Mary Hess, Pharm.D., FASHP, FCCM, FCCP, Associate Dean, Student Affairs, Jefferson College of Pharmacy, Thomas Jefferson University, Philadelphia, Pa.

ASHP Pharmacy Student Forum Programming

11:30 a.m.–1:00 p.m. Mandalay Bay D, Level 2

▶ Student Advocacy Workshop

This session will provide an overview of the components of political advocacy as well as background on key issues affecting pharmacy students. During the interactive session, participants will work in teams to develop lobbying talking points and prepare testimony for a mock hearing.

Speakers:

John Hertig, Pharm.D., M.S., CPPS, Associate Director, Purdue Center for Medication Safety Advancement, Indianapolis, Ind.

Mindy (Throm) Burnworth, Pharm.D., BCPS, FASHP, FAzPA, Professor, Department of Pharmacy, Midwestern University College of Pharmacy – Glendale, Glendale, Ariz.

1:00 p.m.–3:50 p.m. Banyan B, Level 3

▶ Clinical Skills Competition Final Round Presentations

Sponsored by the ASHP Research and Education Foundation and Supported by Wolters Kluwer Health

It's the battle of the best and brightest. On Saturday, winning teams from the preliminary round (school-level) competitions at each college of pharmacy competed in the semi-final round at the national level, showcasing their clinical skills and knowledge. If you think you have what it takes to be a champion in your pharmacy school or even at the National Clinical Skills Competition next year, check out the final round presentations from the top 10 finalist teams. You are invited to stop in as an observer to get an idea of what it takes to be a national finalist in the National Clinical Skills Competition and enjoy the range of presentations at this inspiring and impressive session. Stick around following the presentations for the case review with the national case writer.

1:30 p.m.–3:00 p.m. Mandalay Bay H, Level 2

▶ PhORCAS: The Centralized Application System for Pharmacy Residencies

PhORCAS is the Pharmacy Online Centralized Application Service. Learn about the process and how it will save you time when submitting your residency application. You'll also have the opportunity to ask questions about the service.

Speakers:

Brendan J. Reichert, R.Ph., M.S., PhORCAS Advisory Committee, Informatics Consultant and Project Manager for Johns Hopkins, Powell, Ohio

Deborah Erdner, M.S., Vice President, Account Management, Liaison International, LLC, Watertown, Mass.

3:15 p.m.–4:45 p.m. Mandalay Bay H, Level 2

▶ Make a Lasting Impression: Evaluating Your Interview Skills

Interviews are always on the horizon. As you pursue an internship, residency, or other career options, be ready to make a lasting impression. This workshop includes role-play and live examples of common interview formats as well as questions you may encounter.

NOTE: This workshop builds on the webinar presentation "Interview Preparation: An Overview" (available at www.ashp.org/students). You will learn about interview formats and how to develop your personal interview strategy. It is strongly recommended, but not mandatory, that you view the webinar prior to attending the workshop.

Moderator: Mary Hess, Pharm.D., FASHP, FCCM, FCCP, Associate Dean, Student Affairs, Jefferson College of Pharmacy, Philadelphia, Pa.

5:00 p.m.–6:30 p.m. Oceanside A, Level 2

▶ Awards Ceremony and Student Society Showcase

Join us as we recognize and celebrate the accomplishments of our ASHP student leaders. Student Societies of Health-System Pharmacy (SSHPs) will spotlight their achievements in the annual Student Society Showcase. Take this opportunity to learn about best practices from SSHPs across the nation, and find out how you can reapply their successful events on your campus. Stick around to cheer on the recipients of the ASHP Student Leadership Award and ASHP Foundation Student Research Award — and don't miss the announcement of the National Clinical Skills Competition winners.

Presenters:

Adam Smith, Pharm.D. Candidate 2017, Purdue University College of Pharmacy, and Member, Pharmacy Student Forum Executive Committee, Brownsburg, Ind.

Kelsey Stephens, Pharm.D. Candidate 2017, University of Mississippi School of Pharmacy, and Member, Pharmacy Student Forum Executive Committee, Jackson, Miss.

MONDAY, DECEMBER 5

7:00 a.m.–9:00 a.m. Banyan B, Level 3

▶ SSHP Faculty Advisor Breakfast Workshop

(closed session by invitation only)

Speaker: Diana L. Dabdub, Director, ASHP Pharmacy Student Forum, Bethesda, Md.

7:30 a.m.–5:00 p.m. Shoreline Exhibit Hall, Level 2

▶ Personnel Placement Service (PPS)

For more information, see page 6.

9:00 a.m.–10:30 a.m. Mandalay Bay Events Center

▶ Opening Session & Keynote

For more information, see page 31.

10:45 a.m.–11:45 a.m. Bayside B, Level 1

▶ Student Poster Session

Impress your professors, potential employers, and peers by presenting a poster at the prestigious ASHP Midyear Clinical Meeting.

11:00 a.m.–3:00 p.m. Bayside CD, Level 1

▶ Exhibit Hall

Residency Showcase

Bayside B, Level 1

Monday, December 5:

1:00 p.m.–4:00 p.m.

Tuesday, December 6:

8:00 a.m.–11:00 a.m.

1:00 p.m.–4:00 p.m.

The Residency Showcase is for individuals pursuing residency positions in 2017-18. Make the rounds all in one place — and save time and money. The Residency Showcase is designed for your convenience, allowing you to meet with representatives from hundreds of programs across the country. The showcase is continued on Tuesday, but each program will be available only during one of the three time slots, so plan ahead. Business attire is recommended.

For those students interested in visiting the Residency Showcase but who will not be pursuing a residency in 2017, please wait until the second half to enter the showcase. Be courteous — do not engage programs in a discussion at this point, as this prevents them from talking to those pursuing residency positions next year. We recommend attending the student educational sessions on Monday and Tuesday, which are designed exclusively for P1-P3 students.

- *Fundamental Strategies to Secure a Residency: Getting a Head Start as P1-P3*
- *Effective CV and Resume Writing*

11:30 a.m.–1:00 p.m.

Oceanside B, Level 2

Career Pearls for Students

Undecided about your career path? From clinical to management, informatics to ambulatory care — the options seem endless! Hear from 12 pharmacists who work in various pharmacy practice settings to learn more about what a day in the life is like. Take away information about careers you have interest in but never took the time to learn about — you may even find something you never knew existed.

Moderator: Kristy Nguyen, Pharm.D. Candidate 2017, Western New England University College of Pharmacy, and Member, Pharmacy Student Forum Executive Committee, New Haven, Conn.

Presentations: Group 1

11:35 a.m.–12:15 p.m.

Academia: Alexander Kantorovich, Pharm.D., BCPS, Clinical Assistant Professor, Chicago State University College of Pharmacy, Chicago, Ill.

Critical Care Specialist: Molly J. Trent, Pharm.D., PGY2 Critical Care Pharmacy Resident, Grady Health System, Atlanta, Ga.

Government: Teresa Rubio, Pharm.D., Health Programs Coordinator & Safety Evaluator, FDA, White Oak, Md.

Infectious Disease Specialist: Curtis Collins, Pharm.D., M.S., BCPS-AQ ID, FASHP, Clinical Specialist, Infectious Diseases, St. Joseph Mercy Health System, Ann Arbor, Mich.

Management and Administration: Steven J. Davis, Pharm.D., M.S., Pharmacy Manager, Texas Children's Hospital, Houston, Texas

Small/Rural Hospital Practice: Jason T. Strow, Pharm.D., CGP, Mid-Atlantic Pharmacy Director, Health South, Barboursville, W.V.

Presentations: Group 2

12:20 p.m.–1:00 p.m.

Emergency Medicine: Diana Park, Pharm.D., Emergency Medicine Clinical Pharmacist, Huntington Hospital, Pasadena, Calif.

Emerging Sciences-Pharmacogenomics: Cyrine Haidar, Pharm.D., BCOP, BCPS, Clinical Pharmacogenetics Coordinator, St. Jude Children's Research Hospital, Memphis, Tenn.

Informatics: Thomas Moniz, Pharm.D., Informatics Pharmacist, Boston Children's Hospital, Boston, Mass.

Medication Safety: Jaclyn A. Jeffries, Pharm.D., C.Ph., Clinical Pharmacist, Florida Hospital, Melbourne, Fla.

Pediatric Specialist: Kyle Mays, Pharm.D., Clinical Pharmacist, PICU, and Residency Program Director, SSM Health Cardinal Glennon Children's Hospital, Saint Louis, Mo.

Surgery: Calvin Ice, Pharm.D., BCOP, BCPS, Clinical Pharmacy Specialist, Surgery & Anesthesia, Spectrum Health, Grand Rapids, Mich.

12:00 p.m.–1:00 p.m.

Bayside B, Level 1

Student Poster Session

Impress your professors, potential employers, and peers by presenting a poster at the prestigious ASHP Midyear Clinical Meeting.

1:30 p.m.–3:00 p.m.

Oceanside B, Level 2

Fundamental Strategies to Secure a Residency: Getting a Head Start as a P1-P3

In the tough competition for postgraduate positions, how can you stand out? After this presentation, you will have fundamental tips, a timeline, and answers to some of the questions you may have, including the following: When do I start planning my residency search strategy? How can I set up a plan and task list to keep myself on target for success as a P1 student? How can I excel in the interview process?

continues >

ASHP Pharmacy Student Forum Programing

You will receive candid advice and guidance that will be directly applicable to your hunt for a post graduate residency or fellowship. You will be able to follow an outline of what you will need to do as a student during the P1 to P3 years to successfully prepare yourself for the residency or fellowship application process.

Speaker: Joshua Caballero, Pharm.D., BCPP, Associate Professor, Nova Southeastern University College of Pharmacy, Fort Lauderdale-Davie, Fla.

Moderator: Lauren Stanz, Pharm.D. Candidate 2018, University of Texas College of Pharmacy, and Vice Chair, Pharmacy Student Forum Executive Committee, San Antonio, Texas

4:30 p.m.—5:30 p.m. Oceanside B, Level 2

Dollars and Good Sense

The days of living off student loans and fast food are coming to an end. You are entering the real world of working professionals — and the real world of mortgages, debt, bills, and investment opportunities. This popular session will help you manage your finances and learn strategies to help you handle your current responsibilities while planning for the future.

Speakers:

Eric Truvillion, Financial Advisor, Principal Financial Group, Tampa, Fla.

Alonzo Barnes, Jr., Financial Advisor, Principal Financial Group, Tampa, Fla.

Moderator: Kelsey Stephens, Pharm.D. Candidate 2017, University of Mississippi School of Pharmacy, and Member, Pharmacy Student Forum Executive Committee, Jackson, Miss.

TUESDAY, DECEMBER 6

7:30 a.m.—5:00 p.m. Shoreline Exhibit Hall, Level 2

Personnel Placement Service (PPS)

For more information, see page 6.

8:00 a.m.—11:00 a.m. Bayside B, Level 1

Residency Showcase

For more information, see page 51.

11:00 a.m.—3:00 p.m. Bayside CD, Level 1

Exhibit Hall

11:30 a.m.—12:30 p.m. Bayside B, Level 1

Student Poster Session

Impress your professors, potential employers, and peers by presenting a poster at the prestigious ASHP Midyear Clinical Meeting.

1:00 p.m.—3:00 p.m. Oceanside B, Level 2

Effective CV and Resume Writing

Getting ready to enter the pharmacy workforce? Before you know it, potential employers will start requesting your CV or resume. Get real-world advice on how to market your skills effectively, and learn important tips about preparing your CV and resume — and how to avoid common mistakes.

Speaker: Joseph K. Bonnarens, B.S.Pharm., Ph.D., M.S., Associate Dean for Student Affairs, Manchester University College of Pharmacy, Fort Wayne, Ind.

Moderator: Lauren Stanz, Pharm.D. Candidate 2018, University of Texas College of Pharmacy, and Vice Chair, Pharmacy Student Forum Executive Committee, San Antonio, Texas

1:00 p.m.—4:00 p.m. Bayside B, Level 1

Residency Showcase

For more information, see page 51.

3:15 p.m.—4:15 p.m. Oceanside B, Level 2

Practice Advancement: Maximize Your Role in Patient Care

Learn about the Practice Advancement Initiative (PAI) and how you, as a student, can get involved. This presentation will describe PAI implementation activities, resources, and measures coordinated by ASHP and the ASHP Foundation. Ways in which the pharmacy profession must change to advance pharmacy's patient care role will also be presented. This session will discuss how to advance pharmacy practice through integrating students in practice sites, current practices-in-action, and areas for students to get involved.

Speakers:

Thomas S. Achey, Pharm.D., BCPS, Health-System Pharmacy Administration Resident, Cleveland Clinic, Cleveland, Ohio

Eric Maroyka, Pharm.D., BCPS, Director, Center on Pharmacy Practice Advancement, ASHP, Bethesda, Md.

Moderator: Adam Smith, Pharm.D. Candidate 2017, Purdue University College of Pharmacy, and Member, Pharmacy Student Forum Executive Committee, Brownsburg, Ind.

4:30 p.m.—5:30 p.m. Oceanside B, Level 2

Clinical Pearls for Students

Based on the popular Clinical Pearls session for practicing pharmacists, this session is custom-tailored for a student audience. Come hear the valuable lessons learned as new practitioners share clinical pearls that can help you prepare for residency training or entering practice.

Presenters:

The ABCs of Peds: What You Need to Know to Care for Pediatric Patients

Jordan Burdine, Pharm.D., MBA, PGY2 Pediatric Resident, Texas Tech University Health Sciences Center, Amarillo, Texas

Update Your Status: Treatment of Status Epilepticus, a Neurological Emergency

Tracy Carter, Pharm.D., BCPS, Decentralized Pharmacist – Critical Care and Internal Medicine, Tuscaloosa, Ala.

Tyrosine Kinase: Identifying and Managing Tyrosine Kinase Inhibitor-Induced Toxicities

Jordan A. Miller, Pharm.D., CPP, PGY2 Hematology/Oncology Pharmacy Resident, Chapel Hill, N.C.

Using ATLAS to Map Clostridium Difficile Infection Management and Outcomes

Brandon Hill, Pharm.D., PGY1 Pharmacy Practice Resident, Palmetto Health Richland, Columbia, S.C.

Pre-Exposure Prophylaxis in HIV

Thomas S. Achey, Pharm.D., BCPS, Health-System Pharmacy Administration Resident, Cleveland Clinic, Cleveland, Ohio

8:00 p.m.–12:00 a.m. LAX at Luxor Hotel Las Vegas

▶ Students' Night Out

LAX

NIGHTCLUB

Party with a purpose! After a long week of education programming, interviews, poster presentations, and more, it's time to kick back and relax. Join pharmacy students from across the country for a fun night out in the lavish, leather-adorned Las Vegas nightclub.

NOTE: Meeting badge and ticket are required for entrance. All guests must be 21+ years old and present a government issued photo ID.

WEDNESDAY, DECEMBER 7

7:30 a.m.–5:00 p.m. Shoreline Exhibit Hall, Level 2

▶ Personnel Placement Service (PPS)

For more information, see page 6.

8:30 a.m.–9:30 a.m. Bayside B, Level 1

▶ Student Poster Session

Impress your professors, potential employers, and peers by presenting a poster at the prestigious ASHP Midyear Clinical Meeting.

11:00 a.m.–2:00 p.m. Bayside CD, Level 1

▶ Exhibit Hall

7:30 p.m.–11:00 p.m. Mandalay Bay H, Level 2

▶ Wednesday Evening Event

For more information, see page 31.

Four Targeted Meetings, One Unifying Event

Make meaningful connections that will impact your practice.



ashp SUMMER MEETINGS
& EXHIBITION 2017

June 4–8, 2017 | Minneapolis, Minnesota
www.ashp.org/summermeetings

PROGRAMMING FOR SMALL & RURAL HOSPITAL PRACTITIONERS

All rooms are located in the
Mandalay Bay South Convention Center
unless otherwise noted.

SUNDAY, DECEMBER 4

12:00 p.m.–1:15 p.m. Oceanside B, Level 2

▶ 2016 Small and Rural Hospital Track Keynote: The Changing Landscape of Rural Hospitals

*Planned in cooperation with the ASHP Section of
Inpatient Care Practitioners*

ACTIVITY #0204-0000-16-337-L04-P/0204-0000-16-337-L04-T
1.00 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Learning Objectives:

- Describe factors driving healthcare services provided in small and rural hospitals.
- Discuss issues and trends in small and rural hospitals impacting pharmacy services provided to patients in this setting.

Presenter:

Brock Slabach, M.P.H., FACHE,
Senior Vice President, Member
Services, National Rural Health
Association, Leawood, Kan.



1:15 p.m.–2:15 p.m. Oceanside B, Level 2

▶ A Toolkit for Achieving Quality Antimicrobial Stewardship in Small and Rural Hospitals

*Planned in cooperation with the ASHP Section of Inpatient
Care Practitioners*

ACTIVITY #0204-0000-16-338-L04-P
1.00 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: INTERMEDIATE

Learning Objectives:

- Discuss current recommendations for antimicrobial stewardship programs within the inpatient setting.
- Illustrate challenges in developing and maintaining antimicrobial stewardship programs in small and rural hospitals.
- Develop a systematic approach to creating and maintaining antimicrobial stewardship programs in small and rural hospitals.

Presenter:

Linda M. Spooner, Pharm.D., BCPS-AQ ID, FASHP,
Professor of Pharmacy Practice, Massachusetts College of
Pharmacy and Health Sciences (MCPHS) University School
of Pharmacy-Worcester/Manchester, Worcester, Mass.

2:30 p.m.–3:30 p.m. Oceanside B, Level 2

▶ Expanding Pharmacy's Footprint: EMR and Telepharmacy

*Planned in cooperation with the ASHP Section of Inpatient
Care Practitioners*

ACTIVITY #0204-0000-16-339-L04-P/0204-0000-16-339-L04-T
1.00 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair/Moderator: Jillian Foster, Pharm.D., MBA,
System Pharmacy Service Line Administrator, Baptist
Memorial Health Care Corp, Memphis, Tenn.

Learning Objectives:

- Discuss telepharmacy uses in pharmacy practice.
- Describe how to use the electronic medical record (EMR) to expand the footprint of pharmacy.
- Describe video technology systems that allow a pharmacist to provide meaningful medication management to a remote location.

Presenters:

Jillian Foster, Pharm.D., MBA

Alexander Quesenberry, Pharm.D., BCOP, BCPS, Pharmacy
Manager and PGY2 Residency Program Director, Baptist
Cancer Center, Memphis, Tenn.

3:30 p.m.–4:30 p.m. Oceanside B, Level 2

▶ The Joint Commission Update 2016: Focus on Small and Rural Hospitals

*Planned in cooperation with the ASHP Section of Inpatient
Care Practitioners*

ACTIVITY #0204-0000-16-340-L03-P/0204-0000-16-340-L03-T
1.00 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

**Program Chair/Moderator: Debra L. Cowan, Pharm.D.,
B.S.Pharm., FASHP,** Pharmacy Director, Angel Medical
Center, Franklin, N.C.

Learning Objectives:

- Describe the most problematic medication standards for small and rural hospitals.
- List strategies to ensure compliance with the top scored standards.
- Identify changes to the medication standards that are expected in 2017.

Presenter:

Jeannell Mansur, Pharm.D., FASHP, Practice Leader,
Medication Management and Safety, Joint Commission
Resources, Oak Brook, Ill.

PHARMACY RESIDENCY & TECHNICIAN TRAINING ACTIVITIES

All rooms are located in the
Mandalay Bay South Convention Center
unless otherwise noted.

Pharmacy Technician Training Program Directors and Instructors

SUNDAY, DECEMBER 4

1:00 p.m.–2:00 p.m.

Palm B, Level 3

▶ **New and Prospective Pharmacy Technician Training Program Directors and Instructors Meeting**

Attending this session is one of the first steps for those contemplating the submission of an application for accreditation or those who have recently submitted an application and have never been through an accreditation site survey. The essential questions asked by program directors and instructors about recently established or newly developing programs will be discussed. Time permitting, other topics may include a review of the critical aspects of accreditation and commentary on specific elements of the accreditation standards. Come and learn the essentials for getting your pharmacy technician training program off to a good start.

2:00 p.m.–3:00 p.m.

Palm B, Level 3

▶ **Pharmacy Technician Training: What's New for 2017**

This gathering is a perfect forum for pharmacy technician training program directors and instructors to network and learn about issues impacting pharmacy technician training program accreditation. Come hear what's new and exciting regarding the new Pharmacy Technician Accreditation Commission (PTAC) and learn helpful information from the lead surveyors who conduct accreditation visits.

Residency Program Directors and Preceptors

SUNDAY, DECEMBER 4

12:00 p.m.–1:00 p.m.

South Seas J, Level 3

▶ **ORCAS: How Programs Can Optimize the WebAdMIT Portal Within PhORCAS**

PhORCAS has completely revamped the old selection portal through the implementation of the enhanced WebAdMIT software. WebAdMIT turbo charges the previous selection portal capabilities for programs and adds a wealth of new features such as facilitation of interview scheduling, integration of scoring models, custom access rights on a per-user basis, a single sign-on for users with multiple programs within an organization, and much more. Come learn how WebAdMIT can help your program improve the efficiency of the residency selection process for the current application season.

1:00 p.m.–2:00 p.m.

Palm C, Level 3

▶ **Getting Started and Applying for Accreditation — Finding the Pathway and Taking the Right Steps**

Attendance at this session should be one of the first steps for individuals contemplating submission of an application for ASHP accreditation of a pharmacy residency. Criteria, steps, and timelines for applying for pre-candidate status and accreditation (candidate status) will be detailed. Come and learn the essentials for getting your program off to a good start.

2:00 p.m.–3:00 p.m.

Palm C, Level 3

▶ **Using PharmAcademic to Support Resident Learning**

PharmAcademic is a web-based program developed by the McCreadie Group to assist programs with organizing and maintaining certain aspects of residency training. The goal of this session is to help residency program directors, preceptors, and residents understand the structure, use, and features of PharmAcademic to support residency training. Various features of PharmAcademic will be discussed and demonstrated, which may assist programs in the design, implementation, and optimization of PharmAcademic.

3:00 p.m.–5:00 p.m.

Breakers C, Level 2

▶ **Residency Program Directors and Preceptors Town Hall: Updates from the Commission on Credentialing**

The Residency Program Directors and Preceptors Town Hall will focus on the goals and objectives for the new community pharmacy residency standard and several PGY2 advanced practice areas. The new PGY1 managed care pharmacy residency accreditation standard will be introduced, and the schedule for the 2017 Match will be presented. The Commission on Credentialing (COC) planning session and process improvement results will also be discussed, including the Residency Advisory Committee recommendations.

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Pharmacy Residency & Technician Training Activities

Time will be allotted for additional updates from ASHP and the COC. The session will be led by Janet Silvester, Vice President of the Accreditation Services Office at ASHP and Beth Bryles Phillips, Past Chair of the Commission on Credentialing. This is a forum not to be missed! All current and future residency program directors, preceptors, and residents are encouraged to attend.

MONDAY, DECEMBER 5

6:30 a.m.–9:00 a.m. Mandalay Bay L, Level 2

▶ Veterans Affairs Residency Open Forum

This open forum will provide an opportunity for residency program directors and preceptors to discuss issues concerning residency training in the VA system with members of the Department of Veterans Affairs, ASHP Commission on Credentialing, and ASHP Accreditation Services Office staff. Come share this excellent opportunity to network with other practitioners in the Veterans Affairs environment.

1:00 p.m.–4:00 p.m. Bayside B, Level 1

▶ Residency Showcase

For more information, see page 51.

4:30 p.m.–5:30 p.m. Palm B, Level 3

▶ Community Pharmacy Residency Open Forum

This open forum will provide an opportunity for residency program directors and preceptors to discuss issues concerning community pharmacy residency training with members of the ASHP Commission on Credentialing, ASHP Accreditation Services Office staff, and APhA staff. Come share this excellent opportunity to network with other practitioners in the community pharmacy arena.

4:30 p.m.–5:30 p.m. Palm D, Level 3

▶ Regional Residency Conference Planners Meeting

This meeting provides an opportunity for the planners of the annual regional residency conferences to share ideas and discuss issues to improve each regional residency conference.

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Follow #ASHP16

Stay connected to everything happening at the Midyear Clinical Meeting with #ASHP16, the official hashtag for the Midyear meeting. Don't forget to tag your tweets, photos, and videos with the hashtag so others can follow along with your experiences on Twitter, Facebook, and Instagram.



TUESDAY, DECEMBER 6

8:00 a.m.–11:00 a.m. Bayside B, Level 1

▶ Residency Showcase

For more information, see page 51.

10:00 a.m.–11:00 a.m. Lagoon H, Level 2

▶ Ask the Pharmacy Residency Accreditation Surveyors Roundtable Discussion

ASHP Accreditation Services Office staff lead surveyors will be available to answer any questions regarding starting a residency training program, getting ready for an accreditation survey, and more. Come out to a great session where you can speak one-on-one with lead surveyors to get the information that you need. There are two sessions, 10:00-11:00am and 2:00-3:00pm, to accommodate the busy schedules of those exhibiting at the Residency Showcase.

1:00 p.m.–4:00 p.m. Bayside B, Level 1

▶ Residency Showcase

For more information, see page 51.

2:00 p.m.–3:00 p.m. Lagoon H, Level 2

▶ (Repeated) Ask the Pharmacy Residency Accreditation Surveyors Roundtable Discussion

ASHP Accreditation Services Office staff lead surveyors will be available to answer any questions regarding starting a residency training program, getting ready for an accreditation survey, and more. Come out to a great session where you can speak one-on-one with lead surveyors to get the information that you need. There are two sessions, 10:00-11:00am and 2:00-3:00pm, to accommodate the busy schedules of those exhibiting at the Residency Showcase.

4:30 p.m.–5:30 p.m. Palm C, Level 3

▶ Managed Care Pharmacy Residency Open Forum

This open forum will provide an opportunity for pharmacy residency program directors and preceptors to discuss managed care residency issues. An update on the revision process for the new PGY1 managed care standard will be provided by members of the ASHP Commission on Credentialing, ASHP Accreditation Services Office staff, and AMCP staff. Come share this excellent opportunity to network with other practitioners in the managed care pharmacy environment.

PHARMACY PRACTICE SECTIONS NETWORKING SESSIONS

All rooms are located in the
Mandalay Bay South Convention Center
unless otherwise noted.

SUNDAY, DECEMBER 4

11:15 a.m.–12:15 p.m. Lagoon G, Level 2

▶ Networking Session: Investigational Drug Services

Hosted by the Section of Inpatient Care Practitioners

Facilitator: Marjorie Shaw Phillips, B.S.Pharm., M.S., FASHP, Pharmacy Coordinator Clinical Research, Augusta University/AU Medical Center and Clinical Professor of Pharmacy Practice WOS, University of Georgia College of Pharmacy, Augusta, Ga.

Discussion Topics:

- Perpetual challenges and potential solutions for clinical research pharmacists
- Staffing models and metrics — financial issues for investigational drug services
- Track-and-trace challenges with investigational drugs

11:15 a.m.–12:15 p.m. Lagoon H, Level 2

▶ Networking Session: Optimizing the Pharmacy Revenue Cycle

Hosted by the Section of Pharmacy Practice Managers

Facilitator: Jason Glowczewski, Pharm.D., MBA, FASHP, Director of Pharmacy, University Hospitals Health System, Cleveland, Ohio

Discussion Topics:

- Challenges in revenue cycle process for pharmacies
- Optimization strategies for the pharmacy revenue cycle
- Revenue generation

11:15 a.m.–12:15 p.m. Lagoon L, Level 2

▶ Networking Session: Preceptor Skills Development

Hosted by the Section of Clinical Specialists

Facilitator: Winter Smith, Pharm.D., BCPS, Associate Professor, University of Oklahoma College of Pharmacy, Oklahoma City, Okla.

Discussion Topics:

- Managing critical evaluations by students and residents
- Motivating preceptors to step outside their teaching comfort zone
- Coordinating performance evaluations across single and multiple organizations
- Strategies for improving learners' communication skills and confidence within the healthcare team
- Recommendations for improving clinical problem-solving skills in students and residents

11:15 a.m.–1:30 p.m. Bayside B, Level 2

▶ Networking and Poster Session: Emergency Care

Hosted by the Section of Clinical Specialists and Scientists

Facilitator: Kathleen Hidalgo, Pharm.D., M.S., Emergency Medicine Pharmacist, Broward Health, Coral Springs, Fla.

Discussion Topics:

- Role of the ED pharmacist with Zika and other viruses
- Chronic pain management in the ED
- Collaboration with mid-level practitioners in the ED
- Building your Emergency Medicine Pharmacy Residency
- Antimicrobial stewardship in the ED

12:30 p.m.–1:30 p.m. Lagoon H, Level 2

▶ Networking Session: Advancing Pharmacy Practice with Technicians

Hosted by the Section of Inpatient Care Practitioners

Facilitator: Jason Bergsbaken, Pharm.D., BCOP, Pharmacy Coordinator, Regional Oncology Services, UW Health, Madison, Wis.

Discussion Topics:

- Innovative, advanced pharmacy technician roles
- Advanced certification and training for pharmacy technicians
- Pharmacy technician career ladders and retention strategies

12:30 p.m.–1:30 p.m. Lagoon L, Level 2

▶ Networking Session: Clinical Leadership

Hosted by the Section of Clinical Specialists and Scientists

Facilitator: Linda Gore Martin, Pharm.D., MBA, BCPS, FASHP, Professor, Social and Administrative Pharmacy (Ret.), University of Wyoming School of Pharmacy, Laramie, Wyo.

Discussion Topics:

- Change Makers: Preparing Clinical Leadership
- Levels of pharmacy clinical leadership
- Pharmacy clinical leadership on the interdisciplinary team
- Role of clinical metrics and dashboards

12:30 p.m.–1:30 p.m. Lagoon G, Level 2

▶ Networking Session: OR/Anesthesiology

Hosted by the Section of Inpatient Care Practitioners

Facilitator: Julie Golembiewski, Pharm.D., FASHP, Clinical Pharmacist, University of Illinois Hospital and Health Sciences System, Chicago, Ill.

Discussion Topics:

- Diversion prevention of controlled substances
- CMS Safe Injection Practices and ISMP IV Push Medication Guidelines
- Clinical and fiscal conundrums of high-cost drugs

Pharmacy Practice Sections Networking Sessions

12:30 p.m.–1:30 p.m.

Lagoon F, Level 2

▶ Networking Session: Pain Management and Palliative Care

Hosted by the Section of Ambulatory Care Practitioners

Facilitator: Kshelle Lockman, Pharm.D., Clinical Assistant Professor, Hospice & Palliative Care, University of Iowa, Iowa City, Iowa

Discussion Topics:

- Impact of CDC Guideline for Prescribing Opioids for Chronic Pain
- Outpatient palliative care practice models
- Personal resilience

2:30 p.m.–3:30 p.m.

Lagoon F, Level 2

▶ Networking Session: Anticoagulation

Hosted by the Section of Clinical Specialists and Scientists

Facilitator: Jeremy Vandiver, Pharm.D., BCPS, Clinical Assistant Professor of Pharmacy Practice, University of Wyoming School of Pharmacy, Swedish Medical Center, Englewood, Colo.

Discussion Topics:

- Direct oral anticoagulants in unique patient populations
- Co-prescribing of anticoagulants and antiplatelet therapies
- Anticoagulation reversal: shared experiences
- Management of isolated unprovoked venous thromboembolism

2:30 p.m.–3:30 p.m.

Lagoon G, Level 2

▶ Networking Session: Hematology/Oncology

Hosted by the Section of Clinical Specialists and Scientists

Facilitator: Marco Martino, Pharm.D., MBA, BCOP, BCPS, Operations Team Lead (Hematology/Oncology), Northwestern Medicine, Chicago, Ill.

Discussion Topics:

- USP 800
- Expanded use of immunotherapy
- Transitions of care
- Specialty pharmacy monitoring
- CMS Part B payment models

MONDAY, DECEMBER 5

11:15 a.m.–12:15 p.m.

Lagoon H, Level 2

▶ Networking Session: Ambulatory Care Informatics

Hosted by the Section of Pharmacy Informatics and Technology

Facilitator: Carol White, Pharm.D., BCPS, CGP, CHHIMS, Assistant Professor, University of Tennessee College of Pharmacy, and Ambulatory Informatics Pharmacist, Hospital Corporation of America, Nashville, Tenn.

Discussion Topics:

- Optimization of technology in specialty pharmacy practice
- Ambulatory care perspective on transitions of care
- Landscape of 340B technology implementation and optimization

11:15 a.m.–12:15 p.m.

South Seas D, Level 3

▶ Networking Session: Home Infusion

Hosted by the Section of Ambulatory Care Practitioners

Facilitator, Don Filibeck, Pharm.D., MBA, FASHP, National Director, Pharmacy, Option Care, Bannockburn, Ill.

Discussion Topic:

- New issues and fresh perspectives in the operational, regulatory, and clinical concerns of home infusion essentials

11:15 a.m.–12:15 p.m.

Banyan B, Level 3

▶ Networking Session: Pediatrics/Neonatal/OB

Hosted by the Section of Clinical Specialists and Scientists

Facilitator: Peter Johnson, Pharm.D., BCPPS, BCPS, Associate Professor of Pharmacy Practice, University of Oklahoma College of Pharmacy, Oklahoma City, Okla.

Discussion Topics:

- Systemic corticosteroids for asthma exacerbations
- Routine use of probiotics for NEC prevention
- Sedation and analgesia for critically ill children
- Use of inhaled antibiotics for infants and children without cystic fibrosis

11:15 a.m.–12:15 p.m.

Lagoon G, Level 2

▶ Networking Session: Reducing Readmissions

Hosted by the Section of Pharmacy Practice Managers

Facilitator: Robert J. Moura, R.Ph., M.S., FMSHP, Director of Pharmacy and Clinical Services, Emerson Hospital, Concord, Mass.

Discussion Topics:

- Improving transitions of care
- Identifying your patient population
- Multidisciplinary teamwork
- Data collection, analysis, and savings

11:15 a.m.–12:15 p.m.

Lagoon F, Level 2

▶ Networking Session: Pharmacy Practice Experiences

Hosted by the Section of Inpatient Care Practitioners

Facilitator: Trisha LaPointe, Pharm.D., BCPS, FASHP, Associate Professor of Pharmacy Practice MCPHS University, Boston, Mass. and Pharmacy Instructor Lowell General Hospital, Lowell, Mass.

Discussion Topics:

- Introducing interprofessional education into your APPE rotation
- Preceptor development
- Implementing a layered learning practice model within APPE and residency rotations

11:15 a.m.–12:15 p.m.

South Seas F, Level 3

▶ Networking Session: Women in Pharmacy Leadership

Facilitators: Sharon Murphy Enright, B.S.Pharm., MBA, EnvisionChange, LLC, Atlanta, Ga.; Sara J. White, M.S., FASHP, Mountain View, Calif.

Discussion Topics:

- Connecting with experienced successful women leaders and benefiting from their experiences and stories
- Working successfully in today's healthcare environment
- Working successfully with men and women, and support and sponsorship of other women
- Integrating personal and career life

11:15 a.m.–12:15 p.m.

South Seas J, Level 3

▶ Networking Session: Pharmacogenetics and Biomarkers

Hosted by the Section of Clinical Specialists and Scientists

Facilitator: Martha Roberts, Pharm.D., BCCCP, Clinical Pharmacist, Kent County Hospital, Warwick, R.I.

Discussion Topics:

- New definition of sepsis
- Use of biomarkers in acute kidney injury
- Pharmacogenetic testing in pediatrics
- Certificate program for pharmacogenetics

12:30 p.m.–1:30 p.m.

South Seas D, Level 3

▶ Networking Session: Advice from the Trenches: Building and Sustaining Successful Ambulatory Care Services

Hosted by the Section of Ambulatory Care Practitioners

Facilitator: Emily Ashjian, Pharm.D., BCACP, BCPS, Clinical Pharmacy Specialist, Ambulatory Care, University of Michigan Health System, Ann Arbor, Mich.

Discussion Topics:

- Quality improvement initiatives to support ambulatory care pharmacy services
- Billing for ambulatory care pharmacy services
- Comprehensive medication management in ambulatory care
- Specialty pharmacy programs in ambulatory care

12:30 p.m.–1:30 p.m.

Lagoon H, Level 2

▶ Networking Session: Clinical Information Systems

Hosted by the Section of Pharmacy Informatics and Technology

Facilitator: Jeff Chalmers, Pharm.D., Pharmacy Informatics Manager, Cleveland Clinic, Cleveland, Ohio

Discussion Topics:

- Clinical decision support in pharmacogenomics
- Inpatient care perspective on transitions of care
- The effect of national healthcare information technology initiatives on current practice

12:30 p.m.–1:30 p.m.

South Seas F, Level 3

▶ Networking Session: Critical Care

Hosted by the Section of Clinical Specialists and Scientists

Facilitator: Phillip Mohorn, Pharm.D., BCCP, BCPS, Clinical Pharmacy Specialist-Critical Care, Spartanburg, Regional Healthcare System, Spartanburg, S.C.

Discussion Topics:

- Enteral nutrition in patients receiving vasopressors
- Ketamine for sedation in the ICU
- Expanding pharmacists' scope of practice in the ICU

12:30 p.m.–1:30 p.m.

South Seas J, Level 3

▶ Networking Session: Geriatrics

Hosted by the Section of Clinical Specialists and Scientists

Facilitator: Deirdre Pierce, Pharm.D., BCPS, CGP, Assistant Professor, St. John Fisher College, Wegmans School of Pharmacy, Rochester, N.Y.

Discussion Topics:

- Affecting patient attitudes and willingness
- Proton pump inhibitors use in the elderly
- Psychoactive medications use in the elderly
- Medical marijuana in nursing homes/assisted living facilities

12:30 p.m.–1:30 p.m.

Banyan B, Level 3

▶ Networking Session: Infectious Diseases

Hosted by the Section of Clinical Specialists and Scientists

Facilitator: Brian Potoski, Pharm.D., BCPS, Associate Professor, Department of Pharmacy and Therapeutics, University of Pittsburgh School of Pharmacy, Pittsburgh, Pa.

Discussion Topics:

- CMS conditions for participation and TJC requirements for hospital-based antibiotic stewardship; insights and discussion points on challenges and opportunities
- Data analysts in stewardship teams and data/metrics
- Antibiotic stewardship and the stewardship of rapid diagnostics

12:30 p.m.–1:30 p.m.

Lagoon G, Level 2

▶ Networking Session: Nutrition Support

Hosted by the Section of Clinical Specialists and Scientists

Facilitator: Phil Ayers, Pharm.D., BCNSP, FASHP, Chief, Clinical Pharmacy Services, Baptist Health Systems, Department of Pharmacy, Jackson, Miss.

Discussion Topics:

- New in-line filter recommendations for intravenous fat emulsions
- Functionality of the EHR and the parenteral nutrition process
- Safe use of multichamber parenteral nutrition products

Pharmacy Practice Sections Networking Sessions

3:30 p.m.–4:30 p.m.

Lagoon H, Level 2

▶ Networking Session: Expanding Pharmacy Services Across Care Transitions

Hosted by the Section of Pharmacy Practice Managers

Facilitator: Rafael Saenz, Pharm.D, M.S., FASHP, Administrator, Pharmacy Services, University of Virginia Health System, and Assistant Dean, VCU School of Pharmacy-UVA Division, Charlottesville, Va.

Discussion Topics:

- Identifying non-acute care opportunities for pharmacy service expansion
- Management of pharmacy care issues across the continuum
- Customer service and the patient experience
- Providing patients with a “Pharmacy Home”

TUESDAY, DECEMBER 6

11:15 a.m.–12:15 p.m.

South Seas F, Level 3

▶ Networking Session: Immunology/Transplant

Hosted by the Section of Clinical Specialists and Scientists

Facilitator: Nicole Pilch, Pharm.D., MSCR, BCPS, FAST, Director of Quality and Compliance Transplant Service, Transplant Clinical Specialist, MUSC, Charleston, S.C.

Discussion Topics:

- Defining and developing PGY2 residency standards for solid organ transplant
- Collaborative research across organizations
- Board certification for solid organ transplant

11:15 a.m.–12:15 p.m.

Lagoon G, Level 2

▶ Networking Session: Medication Management Across the Continuum

Hosted by the Section of Ambulatory Care Practitioners

Facilitator: Brigid Groves, Pharm.D., M.S., Clinical Coordinator, The Kroger Co., Columbus Division, Columbus, Ohio

Discussion Topics:

- Medication therapy management (MTM) in community and ambulatory settings
- Opportunity for collaboration between settings through MTM
- Involvement of ancillary personnel to facilitate MTM communication

11:15 a.m.–12:15 p.m.

Banyan B, Level 3

▶ Networking Session: Pharmacoeconomics/ Drug Development

Hosted by the Section of Clinical Specialists and Scientists

Facilitator: Karen M. Whalen, B.S.Pharm., BCPS, Drug Information Pharmacist, St. Joseph’s Hospital, Syracuse, N.Y.

Discussion Topics:

- Process/policy development for handling in-patient non-formulary medication requests (i.e., new FDA approvals, high cost)

- Strategies for managing inventory and therapeutic interchanges after a drug shortage ends
- Novel and high-tech delivery systems
- P&T committee strategies for inclusion of biosimilars in formulary

11:15 a.m.–12:15 p.m.

Lagoon H, Level 2

▶ Networking Session: Small and Rural Hospitals

Hosted by the Section of Inpatient Care Practitioners

Facilitator: Denise C. Fields, Pharm.D., FASHP, Senior Clinical Consultant, Express Scripts, Cummins LiveWell Center, Columbus, Ind.

Discussion Topics:

- Challenges for meeting regulatory criteria, clinical guidelines, and safety standards
- Strategies for advancing practice
- Best practices in overcoming rising costs and shrinking resources challenges

11:15 a.m.–12:15 p.m.

South Seas D, Level 3

▶ Networking Session: Strategic Planning

Hosted by the Section of Pharmacy Practice Managers

Facilitator: Dominick A. Caselnova III, B.S.Pharm., M.H.A., FASHP, Director of Pharmacy, Southwest Washington Region, Providence Health and Services, Olympia, Wash.

Discussion Topics:

- Strategic planning: definition and importance
- Steps in the strategic planning process
- Characteristics of a good strategic planning team
- Effectively moving from planning to implementation

12:30 p.m.–1:30 p.m.

Lagoon G, Level 2

▶ Networking Session: Ambulatory Care Practice and Billing Outside of the Box

Hosted by the Section of Ambulatory Care Practitioners

Facilitator: Jessica Skelley, Pharm.D., BCACP, Assistant Professor of Pharmacy Practice, Samford University, Birmingham, Ala.

Discussion Topics:

- Revenue streams (Wellness Visits, Chronic Care Management, Transitional Care Management)
- Telehealth
- Interdisciplinary team approaches to reducing cost
- Cost containment

12:30 p.m.–1:30 p.m.

Banyan B, Level 3

▶ Networking Session: Cardiology

Hosted by the Section of Clinical Specialists and Scientists

Facilitator: Michael Scalese, Pharm.D., BCPS, Clinical Assistant Professor, Auburn University Harrison School of Pharmacy, Mobile, Ala.

Discussion Topics:

- Developments in the management of heart failure with a preserved ejection fraction (HFpEF)

- Antiplatelet considerations for the secondary prevention of ischemic stroke
- Novel approaches to lowering LDL-C
- Beta-blocker dose vs. heart rate goal in heart failure with a reduced ejection fraction (HFrEF)

12:30 p.m.–1:30 p.m. South Seas F, Level 3

▶ Networking Session: Informatics Professional Development

Hosted by the Section of Pharmacy Informatics and Technology

Facilitator: Julie Pawola, Pharm.D., Clinical Pharmacist, UW Health, Madison, Wis.

Discussion Topics:

- Status and perceptions of informatics education in current practice
- Recognition of informatics training and certifications in practice advancements
- Role of the informatics leader in health systems

12:30 p.m.–1:30 p.m. Lagoon H, Level 2

▶ Networking Session: Medication Safety

Hosted by the Section of Inpatient Care Practitioners

Facilitator: James R. Rinehart, B.S.Pharm., M.S., FASHP, Principal, Winovation Associates LLC, Indianapolis, Ind.

Discussion Topics:

- Alert fatigue prevention strategies
- Pharmacist-required medication order review
- Systematic approaches to updating smart pump drug libraries
- Pediatric medication safety challenges in the emergency department

WEDNESDAY, DECEMBER 7

11:15 a.m.–12:15 p.m. Lagoon H, Level 2

▶ Networking Session: Pharmacy Operations and Automation

Hosted by the Section of Pharmacy Informatics and Technology

Facilitator: Jonna Fink, Pharm.D., M.S.Pharm., Medication Safety Pharmacist, Veterans Affairs, Marion, Ill.

Discussion Topics:

- The progress of track-and-trace technology, a year's progress
- Standardize 4 Safety and the use of smart pump data
- Automation successes and failures across the enterprise
- The creative, out-of-box use for IV room software

11:15 a.m.–12:15 p.m. Lagoon G, Level 2

▶ Networking Session: Primary Care/Pharmacotherapy

Hosted by the Section of Clinical Specialists and Scientists

Facilitator: Amy Lugo, Pharm.D., BC-ADM, BCPS, FAPhA, Clinical Pharmacy Specialist and Formulary Manager, DoD/Defense Health Agency/TRICARE, San Antonio, Texas

Discussion Topics:

- Pharmacists' prescribing practices
- Sclerostin inhibitor's role in osteoporosis
- Utilization of new CHF drugs in practice and changes in treatment strategies for heart failure
- Antibiotic stewardship
- Formulary and clinical considerations of naloxone formulations in treatment for opioid abuse

12:30 p.m.–1:30 p.m. Lagoon H, Level 2

▶ Networking Session: Innovation in Pharmacy

Hosted by the Section of Pharmacy Practice Managers

Facilitator: Ashley Purohit, Pharm.D., MBA, Specialty Pharmacy Coordinator, Aurora Health Care, Milwaukee, Wis.

Discussion Topics:

- Innovative pharmacy services developed by leveraging technology and caregiver roles or collaborating with outside companies
- Innovation centers within organizations and how pharmacy fits in
- Strategies to foster an innovative culture within your department

12:30 p.m.–1:30 p.m. Lagoon G, Level 2

▶ Networking Session: Psychopharmacy/Neurology

Hosted by the Section of Clinical Specialists and Scientists

Facilitator: Amen T. Ogunmekan, Pharm.D., BCPP, CGP, Clinical Lead Pharmacist-Behavioral Health Intern Clinical Program Training Coordinator, Truman Medical Center Hospital Hill, Kansas City, Mo.

Discussion Topics:

- Ketamine use in treatment of resistant depression
- Gabapentin prescribing trends and potential new drug of abuse
- Monitoring and management of metabolic and cardiovascular side effects for atypical antipsychotics
- Controversies in managing bipolar disorder
- Psychotropic treatment options for patients in renal dialysis

EDUCATIONAL SESSIONS

All rooms are located in the
Mandalay Bay South Convention Center
unless otherwise noted.

NOTE: All educational sessions listed here are available for CE unless otherwise noted. Presenter disclosures can be located on page 134.

SUNDAY, DECEMBER 4

8:00 a.m.–8:30 a.m. Mandalay Bay J, Level 2

▶ (Management Case Study) Development of ACPE-accredited Comprehensive Professional Education in a Large Health System

ACTIVITY #0204-0000-16-369-L04-P/0204-0000-16-369-L04-T
0.50 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Learning Objectives:

- Describe strategies to implement a comprehensive needs assessment for ACPE-accredited education.
- Evaluate advantages and disadvantages of internal and external ACPE accreditation including cost-effectiveness.
- List barriers to implementation of health-system-wide professional development program.

Presenters:

Richard H. Ensign, Pharm.D., MBA, BCPS, Pharmacy Education and Research Manager, Intermountain Healthcare, Salt Lake City, Utah
Elizabeth Sebranek Evans, Pharm.D., BCPS, CGP, Pharmacy Education and Research Manager, Intermountain Healthcare, Salt Lake City, Utah

8:45 a.m.–9:15 a.m. Mandalay Bay J, Level 2

▶ (Management Case Study) Implementation of Medication Reconciliation Order Pending Across a Multi-Hospital Health System

ACTIVITY #0204-0000-16-370-L04-P/0204-0000-16-370-L04-T
0.50 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Learning Objectives:

- List two steps important to ensuring successful implementation of a new pharmacist-provided service. (P only)
- Identify key considerations for developing a new workflow within your electronic medical record. (P/T)
- Describe components necessary to evaluate when choosing a pilot site for systemwide implementation. (P/T)

Presenters:

Kristin Cannon, R.Ph., Senior Director, Pharmacy Operations, Aurora Health Care, Green Bay, Wis.
Ellen Prichard, Pharm.D., MBA, BCPS, Pharmacy Operations Manager, University of Kansas Hospital, Kansas City, Kan.

9:00 a.m.–11:00 a.m. Oceanside C, Level 2

▶ Innovations in Drug Information Practice and Research 2016

ACTIVITY #0204-0000-16-314-L04-P
2.00 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair/Moderator: Patrick M. Malone, Pharm.D., FASHP, Professor and Associate Dean of Internal Affairs, The University of Findlay, Findlay, Ohio

Learning Objectives:

- Discuss new services and methods used by drug information specialists and centers.
- Design a system to apply new services and methods in your practice.
- Evaluate the importance of these new methods in your practice environment.

Presenters:

Ashish Advani, Pharm.D., Clinical Associate Professor and Director, Drug Information Center, Mercer University College of Pharmacy; Founder, InpharmD, Atlanta, Ga.
Gregory A. Heindel, Pharm.D., BCPS, Health System Medication Use Management PGY2 Resident, UNC Medical Center, Chapel Hill, N.C.
Lauren I. Karel, Pharm.D., BCPS, Drug Information Pharmacist, Thomas Jefferson University Hospital, Philadelphia, Pa.
Ashley Pappas, Pharm.D., M.H.A., BCPS, Pharmacy Clinical Manager, UNC Hospitals, Chapel Hill, N.C.
Pinaki Shah, Pharm.D., Drug Information Specialist, MedStar Health, Columbia, Md.
Amy Heck Sheehan, Pharm.D., Associate Professor of Pharmacy Practice, Purdue University; Drug Information Specialist, Indiana University Health, Indianapolis, Ind.

9:30 a.m.–10:00 a.m. Mandalay Bay J, Level 2

▶ (Management Case Study) Clinical Decision Support System Enhancements to Reduce Order Entry Errors for Pediatric Infusion Orders

ACTIVITY #0204-0000-16-371-L04-P/0204-0000-16-371-L04-T
0.50 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Learning Objectives:

- Identify types of medication errors associated with medication infusion orders.
- Describe the process for medication drip concentration auto-selection.
- Outline how automation processes improve patient safety.

Presenters:

Amy Y. Chan, Pharm.D., M.S., Senior Technical Specialist, NewYork-Presbyterian Hospital, New York, N.Y.
Elena Mendez-Rico, Pharm.D., Clinical Pharmacy Manager, NewYork-Presbyterian Hospital, New York, N.Y.

CE PROCESSING REMINDER

All attendees must claim
their CE credits online
within 60 days of the
sessions they
attended.

9:30 a.m.–11:00 a.m.

Mandalay Bay L, Level 2

► Professional and Academic Book Publishing: Putting Your Ideas into Practice 2016

ACTIVITY #0204-0000-16-318-L04-P/0204-0000-16-318-L04-T
1.50 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair/Moderator: Jack R. Bruggeman, MBA,
Director, Special Publishing, ASHP, Bethesda, Md.

Learning Objectives:

- Describe how to prepare an effective publishing proposal.
- Explain how to evaluate a practice improvement idea for publishing potential and commercial viability.
- List five key steps for turning your idea into a published work.

Presenters:

Ruth Bloom, B.S., Editorial Project Manager, ASHP,
Bethesda, Md.

Jack R. Bruggeman, MBA

Beth Campbell, B.A., Acquisitions Editor, ASHP, Bethesda,
Md.

Mate M. Soric, Pharm.D., BCPS, Clinical Pharmacy
Specialist, Internal Medicine, University Hospitals Geauga
Medical Center, Chardon, Ohio; Associate Professor,
Pharmacy Practice, Northeast Ohio Medical University
College of Pharmacy, Rootstown, Ohio

10:00 a.m.–11:00 a.m.

Oceanside D, Level 2

► Antibiotic Stewardship — CDC Update on National Activities

ACTIVITY #0204-0000-16-385-L03-P
1.00 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Learning Objectives:

- List upcoming approved and proposed regulatory and accreditation requirements for antibiotic stewardship.
- Describe the performance elements of The Joint Commission Accreditation standard for antibiotic stewardship.
- Describe the newly endorsed standardized antimicrobial administration ratio measure from the CDC.

Presenter:

Arjun Srinivasan, M.D., CAPT, FSHEA, USPHS, Associate
Director for Healthcare Associated Infection Prevention
Programs, Division of Healthcare Quality Promotion,
Centers for Disease Control and Prevention, Atlanta, Ga.

10:15 a.m.–10:45 a.m.

Mandalay Bay J, Level 2

► (Management Case Study) Effects of Inventory Optimization on Pharmacy Metrics Pre- and Post-Electronic Health Record (EHR) Implementation

ACTIVITY #0204-0000-16-372-L04-P/0204-0000-16-372-L04-T
0.50 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Learning Objectives:

- Describe the methodology used to optimize medication inventory in automated dispensing systems in an academic medical center.
- Evaluate the effects of inventory optimization on pharmacy metrics before and after implementation of a new EHR.
- Outline the challenges associated with the continuous management of inventory between the various automated dispensing systems.

Presenters:

Amanda M. Beck, Pharm.D., PGY1/PGY2 Health-System
Pharmacy Administration Resident, Houston Methodist
Hospital, Houston, Texas

Linda P. Nguyen, Pharm.D., PGY1/PGY2 Health-System
Pharmacy Administration Resident, Houston Methodist
Hospital, Houston, Texas

Patrick Birney, Pharm.D., M.S., Pharmacy Operations
Manager, Houston Methodist Hospital, Houston, Texas

11:00 a.m.–11:30 a.m.

Mandalay Bay J, Level 2

► (Management Case Study) Standardizing Systemwide Primary National Drug Code for Improved Inventory Management and Cost Savings

ACTIVITY #0204-0000-16-373-L04-P/0204-0000-16-373-L04-T
0.50 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Learning Objectives:

- Identify the data points required to complete an analysis of generic code numbers to identify the preferred national drug code.
- Identify the work effort to change preferred national drug code in a pharmacy information system database.
- Calculate the financial benefit realized by standardizing to preferred national drug codes.

Presenters:

Barbara L. Giacomelli, Pharm.D., MBA, FASHP, Area Vice
President Pharmacy Practice Consulting, McKesson Health
Systems, Vineland, N.J.; Adjunct Professor, Rutgers
University School of Nursing- Camden, Camden, N.J.

Brad Myers, Pharm.D., MBA, BCPS, Director – Pharmacy
Services, University of Missouri Health System, Columbia, Mo.

Julia Chisholm, Pharm.D., Ambulatory Pharmacy Manager,
University of Missouri, Columbia, Mo.

Educational Sessions **Sunday, December 4** continued

11:30 a.m.–12:30 p.m. **Mandalay Bay L, Level 2**

▶ **Creating a Values-based Culture in Health-System Pharmacy**

Planned in cooperation with the ASHP Section of Pharmacy Practice Managers

ACTIVITY #0204-0000-16-319-L04-P
1.00 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: ADVANCED

Program Chair/Moderator: Matthew Eberts, Pharm.D., MBA, FASHP, Director, Pharmacy Services, Lancaster General Health/Penn Medicine, Lancaster, Pa.

Learning Objectives:

- Discuss the importance of creating a value-based culture in health-system pharmacy.
- Design an interviewing and onboarding process to support a healthy organizational culture.
- Evaluate the behaviors and norms of a high-functioning team.

Presenters:

John S. Clark, Pharm.D., M.S., BCPS, FASHP, Director of Pharmacy, University of Michigan Hospitals and Health Centers; Clinical Associate Professor, University of Michigan College of Pharmacy, Ann Arbor, Mich.
Matthew Eberts, Pharm.D., MBA, FASHP

11:30 a.m.–12:30 p.m. **Oceanside C, Level 2**

▶ **Contemporary Considerations: Update on the ASHP Standardize 4 Safety Project**

ACTIVITY #0204-0000-16-382-L04-P/0204-0000-16-382-L04-T
1.00 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Learning Objectives:

- Describe how standardization can be used as an error prevention tool.
- State the importance of the Standardize 4 Safety project.
- List the most current versions of the standard concentrations for IV adult continuous, pediatric continuous infusions, and oral compounded liquids.
- State how to support the project and start implementation of the standard concentrations.
- Describe the potential role of vendors and pharmaceutical companies in the project.

Presenter:

Deborah A. Pasko, Pharm.D., M.H.A., Director, Medication Safety & Quality, ASHP, Bethesda, Md.

11:45 a.m.–12:15 p.m. **Mandalay Bay J, Level 2**

▶ **(Management Case Study) Evaluation and Implementation of a Time and Materials Maintenance Arrangement for Pharmacy Automation Equipment**

ACTIVITY #0204-0000-16-374-L04-P/0204-0000-16-374-L04-T
0.50 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Learning Objectives:

- Describe key differences between the service contract and time and materials approaches for equipment maintenance.

- Identify important considerations when evaluating the feasibility of a time and materials arrangement.
- Describe potential disadvantages of a time and materials arrangement.

Presenter:

Christopher J. Wickesberg, Pharm.D., BCPS, Pharmacy Manager, Inpatient Services, Eskenazi Health, Indianapolis, Ind.

12:30 p.m.–1:00 p.m. **Mandalay Bay J, Level 2**

▶ **(Management Case Study) Optimization of Automated Dispensing Cabinets in a Multi-site Health System**

ACTIVITY #0204-0000-16-375-L04-P/0204-0000-16-375-L04-T
0.50 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Learning Objectives:

- Develop specific goals to implement an optimization plan for hospital automated dispensing cabinets (ADCs).
- Identify potential barriers to initiating an optimization plan for ADCs.
- Describe how optimizing ADCs can enhance medication availability on nursing units.

Presenters:

Arpita T. Sammons, Pharm.D., Pharmacist In Charge, AtlantiCare Regional Medical Center, Pomona, N.J.
Kashyap Patel, Pharmacy IT Technician, AtlantiCare Regional Medical Center, Pomona, N.J.
Andrew Karcsh, Pharm.D., MBA, Director Pharmacy Operations, AtlantiCare Regional Medical Center, Pomona, N.J.

1:00 p.m.–2:15 p.m. **Oceanside C, Level 2**

▶ **Practical Guide to Resourcing a Pharmacy Transitions-of-Care Program**

Planned in cooperation with the ASHP Section of Pharmacy Practice Managers

ACTIVITY #0204-0000-16-315-L04-P/0204-0000-16-315-L04-T
1.25 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair/Moderator: Tara Behring Vlasimsky, Pharm.D., BCPS, Assistant Director, Ambulatory Clinical Pharmacy Services, Denver Health, Denver, Colo.

Learning Objectives:

- Assess your organization's medication transition processes for opportunities to incorporate pharmacy resources.
- Evaluate a recruiting and hiring strategy, training, and competencies to implement a pharmacy technician-driven, home-medication-history collection process.
- Evaluate different models for discharge pharmacy services and identify key takeaways for your organization.
- Describe a pharmacy transitions-of-care management dashboard.

Presenters:

Megan Hoesly, Pharm.D., BCPS, Clinical Pharmacy Specialist-Emergency Medicine, Sentara Virginia Beach General Hospital, Virginia Beach, Va.
Tara Behring Vlasimsky, Pharm.D., BCPS

1:00 p.m.–5:15 p.m.

The ASHP 2016 Federal Forum

The 2016 Federal Forum will kick off with a patriotic opening ceremony, followed by welcoming remarks from the ASHP President. The keynote presentation will be delivered by **Commander Christopher Jones, Pharm.D., M.P.H.**, U.S. Public Health Service, Director, Division of Science Policy, Office of the Assistant Secretary for Planning and Evaluation, U.S. Department of Health and Human Services. Commander Jones will speak on the opioid and pain management crisis in the United States, and the important opportunity and call to action for pharmacists as key members of the healthcare team.

The session will also include a presentation by Dr. Jeremy McKelvey, Pharm.D.; Dr. Mitch Nazario, Pharm.D., from the Department of Veterans Affairs; and Dr. Evelyn Ritchie, Pharm.D., representing the U.S. Army. This presentation will focus on the roles of clinical pharmacists and pharmacy technicians in dealing with the opioid crisis in the federal healthcare sector.

The Federal Forum will conclude with the Federal Forum: Meet the Researcher Poster Presentations session, with contributed posters from Federal Pharmacy Residents and Federal Pharmacy professionals.

NOTE: The full program description can be found in the *Midyear News & Views* and on the ASHP LIVE app.

Moderator: Heather Ourth, Pharm.D., BCPS, VACO PBM Program Manager: Clinical Pharmacy Practice Program Outcomes Assessment, Pharmacy Benefits Management Services Department of Veterans Affairs, Hines, Ill.

1:00 p.m.–1:30 p.m.

Oceanside D, Level 2

Welcome Event

1:30 p.m.–2:30 p.m.

Oceanside D, Level 2

Federal Forum Keynote: The Pain and Opioid Crisis — A Call to Action for the Pharmacy Profession

ACTIVITY #0204-0000-16-341-L01-P/0204-0000-16-341-L01-T

1.00 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair: William M. (Mike) Heath, R.Ph., MBA, President and CEO, Heath Healthcare Consulting, Lexington, Ky.

Learning Objectives:

- Describe the magnitude and impacts of overuse of opioids in the nation and within the federal sector.
- Discuss how mental illness and substance abuse complicate achievement of the goals of opioid management as well as the skills that might be needed across all health care providers.
- Explore opportunities and barriers to clinical pharmacy involvement in this triad of diseases.

Featured Speaker:

Commander Christopher M. Jones, Pharm.D., M.P.H., U.S. Public Health Service, Office of the Assistant Secretary for Planning and Evaluation, U.S. Department of Health and Human Services, Washington, DC

2:30 p.m.–3:30 p.m.

Oceanside D, Level 2

Federal Forum: Role of the Clinical Pharmacist and Pharmacy Technician in Dealing with the Opioid Crisis

ACTIVITY #0204-0000-16-342-L01-P

1.00 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: INTERMEDIATE

Learning Objectives:

- Describe strong practice examples in pain and opioid management, mental health treatment, and substance use disorders as well as the roles that the clinical pharmacist and pharmacy technicians play in those practices.
- Discuss barriers to increased pharmacist involvement in these practices despite the widespread need for clinicians.
- Explore possible solutions to identified barriers to practice expansion.

Presenters:

Jeremiah McKelvey, Pharm.D., Clinical Pharmacy Specialist – Pain Management, Veterans Affairs Palo Alto Health Care System, Palo Alto, Calif.

Mitchell Nazario, Pharm.D., CPE, VISN8 PBM Clinical Program Manager for Pain Management, West Palm Beach Veterans Affairs Medical Center, West Palm Beach, Fla.

Evelyn Ritchie, Pharm.D., Pain Management Clinical Pharmacist, Martin Army Community Hospital, Fort Benning, Ga.

3:45 p.m.–5:15 p.m.

Bayside B, Level 1

Federal Forum: Meet the Researchers Poster Presentations

ACTIVITY #0204-0000-16-343-L04-P/0204-0000-16-343-L04-T

1.00 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: GENERAL INTEREST

Learning Objectives:

- Identify emerging issues in the profession of pharmacy.
- Discuss current and cutting-edge research.
- Describe key elements to evaluate a research project.

Educational Sessions **Sunday, December 4** continued

1:00 p.m.–2:30 p.m.

Mandalay Bay L, Level 2

▶ **On the Record: A Guide to Working Effectively with the Media**

ACTIVITY #0204-0000-16-320-L04-P/0204-0000-16-320-L04-T
1.50 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair/Moderator: Linda Tyler, Pharm.D., FASHP, Chief Pharmacy Officer, University of Utah Health Care; Associate Dean, Pharmacy Practice, University of Utah College of Pharmacy, Salt Lake City, Utah

Learning Objectives:

- Discuss the importance of working effectively with media.
- Plan methods to interact with the media effectively.
- Develop ways to address barriers to working with the media.
- Design a plan to work with your public relations department more effectively.

Presenters:

Erin Fox, Pharm.D., FASHP, Director, Drug Information Service, University of Utah Health Care, Salt Lake City, Utah
Kathy Wilets, M.P.A., Director, Media Relations, University of Utah Health Care, Salt Lake City, Utah

1:15 p.m.–1:45 p.m.

Mandalay Bay J, Level 2

▶ **(Management Case Study) Evaluation of a Pharmacy Workplace Safety Training Program to Ensure Regulatory Compliance**

ACTIVITY #0204-0000-16-376-L04-P/0204-0000-16-376-L04-T
0204-0000-16-376-L04-T
0.50 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Learning Objectives:

- Identify federal agencies that regulate workplace safety and describe the main components of the OSHA hazardous communication standard.
- List key facts about the United Nations Globally Harmonized System (GHS) of Classification and Labelling of Chemicals.
- Identify common deficiencies in pharmacy workplace safety training programs.

Presenters:

Vaiyapuri Subramaniam, Pharm.D., M.S., FASCP, FASHP, FCP, Associate Chief Consultant, Department of Veterans Affairs, Pharmacy Benefits Management Services, Washington, DC
Brenda Jensen, MBA, CNMT, CPhT, Pharmacy Consultant, Compounding Consultants, LLC, Canton, S.D.
Mary L. Li, Pharm.D., Pharmacist, University of Maryland School of Pharmacy, Baltimore, Md.

2:00 p.m.–3:00 p.m.

Mandalay Bay J, Level 2

▶ **Continuing Professional Development (CPD): A Cascade of Benefits for Employers**

Planned in cooperation with the Accreditation Council for Pharmacy Education

ACTIVITY #0204-0000-16-381-L04-P/0204-0000-16-381-L04-T
1.00 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair/Moderator: Jennifer Baumgartner, Pharm.D., BCCP, Assistant Director, Accreditation Council for Pharmacy Education, Chicago, Ill.

Learning Objectives:

- Describe the continuing professional development (CPD) approach to self-directed lifelong learning.
- Discuss potential benefits of employer-supported CPD for pharmacy professionals.
- Summarize efforts by health systems in integrating CPD for employee development.
- Outline available tools and resources for advancing employer-supported CPD.

Presenters:

John A. Armitstead, R.Ph., M.S., FASHP, System Director of Pharmacy, Lee Health, Fort Myers, Fla.
Jennifer Baumgartner, Pharm.D., BCCP
Dennis Brierton, Pharm.D., BCPS, FASHP, Director, Clinical Pharmacy Services, Aurora Health Care, Milwaukee, Wis.
Suzanne Turner, Pharm.D., FASHP, Pharmacy Education and Residency Coordinator, Lee Health, Fort Myers, Fla.

2:45 p.m.–4:15 p.m.

Mandalay Bay L, Level 2

▶ **Advocacy, Healthcare, and You: Not a House of Cards**

Planned in cooperation with the ASHP Political Action Advisory Committee

ACTIVITY #0204-0000-16-321-L04-P/0204-0000-16-321-L04-T
1.50 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair/Moderator: Jeff Little, Pharm.D., M.P.H., BCPS, Director of Pharmacy, Saint Luke's Hospital, Kansas City, Mo.

Learning Objectives:

- List tactics that can be used to be a successful advocate at the federal, state, and regulatory levels.
- Identify legislative and regulatory advocacy issues at the state and national levels.
- Describe methods to build relationships with elected officials.
- Justify the importance of being an advocate for the profession.

Presenters:

Leigh Briscoe-Dwyer, Pharm.D., BCPS, FASHP, Vice President Clinical Affairs, PharMEDium LLC, Lake Forest, Ill.; Chair, New York State Board of Pharmacy, Albany, N.Y.
Thomas Johnson, Pharm.D., MBA, BCCCP, BCPS, FASHP, FCCM, Assistant Vice-President Hospital Pharmacy, Avera Health, Sioux Falls, S.D.
Linda Tyler, Pharm.D., FASHP, Chief Pharmacy Officer, University of Utah Health Care; Associate Dean, Pharmacy Practice, University of Utah College of Pharmacy, Salt Lake City, Utah

3:00 p.m.–4:30 p.m.

Oceanside C, Level 2

▶ **The 2016 ISMP Medication Safety Assessment and Strategies for Antithrombotic Therapy in Hospitals**

Planned in cooperation with the Institute for Safe Medication Practices

ACTIVITY #0204-0000-16-316-L05-P

1.50 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair: Matthew P. Fricker, Jr., R.Ph., M.S., FASHP, Program Director, Institute for Safe Medication Practices, Horsham, Pa.

Moderator: Christina Michalek, R.Ph., B.S., FASHP, Medication Safety Specialist, Institute for Safe Medication Practices, Horsham, Pa.

Learning Objectives:

- Describe changes to the Institute for Safe Medication Practices (ISMP) Medication Safety Self-Assessment for Antithrombotic Therapy in Hospitals.
- Evaluate safety concerns with the use of recently approved new oral anticoagulant agents.
- Discuss medication events reported with new oral anticoagulant agents.

Presenters:

Matthew P. Fricker, Jr., R.Ph., M.S., FASHP

Michael Gulseth, Pharm.D., BCPS, FASHP, Program Director for Anticoagulation Services, Sanford USD Medical Center; President, Michael P. Gulseth Anticoagulation Consulting, Inc., Sioux Falls, S.D.

Rhonda Hammerquist, Pharm.D., BCPS, Medication Safety Officer, Sanford USD Medical Center, Sioux Falls, S.D.

3:15 p.m.–3:45 p.m.

Mandalay Bay J, Level 2

▶ **(Management Case Study) Small Intradepartmental Groups Drive Pharmacy Improvement Process in a Large Community Hospital**

ACTIVITY #0204-0000-16-378-L04-P/0204-0000-16-378-L04-T

0.50 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: GENERAL INTEREST

Learning Objectives:

- Discuss the use of intradepartmental groups to implement new process-improvement projects.
- Describe the process mapping tool to identify solutions and opportunities for process-improvement projects.
- Identify benefits of employee engagement by empowerment through participation in intradepartmental groups.

Presenters:

Nathan P. Wirick, Pharm.D., BCPS, Clinical Pharmacist, Cleveland Clinic Hillcrest Hospital, Mayfield Heights, Ohio

Frank S. Rigelsky, Pharm.D., BCPS, Clinical Pharmacist, Cleveland Clinic Hillcrest Hospital, Mayfield Heights, Ohio

Nicholas A. Link, Pharm.D., BCOP, Clinical Pharmacist, Cleveland Clinic Hillcrest Hospital, Mayfield Heights, Ohio



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4:00 p.m.–4:30 p.m.

Mandalay Bay J, Level 2

▶ **(Management Case Study) Implementation of a Pharmacy Technician Residency Program in a Teaching Hospital**

ACTIVITY #0204-0000-16-379-L04-P/0204-0000-16-379-L04-T

0.50 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: GENERAL INTEREST

Learning Objectives:

- List the advantages of advancing pharmacy technician roles.
- Describe a pharmacy technician program aimed at educating and training pharmacy technicians for specialty roles.
- Identify potential measures of success of a pharmacy technician residency program.

Presenters:

Karen V. Youmbi, Pharm.D., BCPS, Pharmacy Regulatory Surveillance Supervisor, Cedars-Sinai Medical Center, Los Angeles, Calif.

Margarita Fedorova, CPhT, Pharmacy Technician Supervisor, Cedars-Sinai Medical Center, Los Angeles, Calif.

Rita Shane, Pharm.D., FASHP, FCSHP, Chief Pharmacy Officer, Cedars-Sinai Medical Center, Los Angeles, Calif.

4:45 p.m.–5:15 p.m.

Mandalay Bay J, Level 2

▶ **(Management Case Study) Transformation from a Dispensing Model to Patient-centered Clinical Practice in a Small Urban Hospital**

ACTIVITY #0204-0000-16-380-L04-P/0204-0000-16-380-L04-T

0.50 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: GENERAL INTEREST

Learning Objectives:

- Describe the methods and rationale used to implement a patient-centered pharmacy practice with limited resources.
- Describe how generational differences can affect the ability to initiate clinical services effectively at the departmental level.
- Discuss the benefits of increasing educational offerings and opportunities to staff through interactions with residents and students.

Presenter:

Michelle A. Lewis, Pharm.D., M.H.A., BCACP, Director of Pharmacy, Niagara Falls Memorial Medical Center, Niagara Falls, N.Y.

Educational Sessions

MONDAY, DECEMBER 5

11:15 a.m.–12:15 p.m.

Palm B, Level 3

▶ ACPE Update 2016

Planned in cooperation with the Accreditation Council for Pharmacy Education

NOTE: CE will not be offered with this session.

The Accreditation Council for Pharmacy Education (ACPE) President and Executive Director will present updates on ACPE activities including the state of implementation of the new Professional Degree Program Accreditation Standards (\$2016); the status of the Health Professions Accreditors Collaborative; the Continuing Education Provider Accreditation Program, including the growth of the Joint Accreditation for Interprofessional Continuing Education; the status of the ASHP-ACPE Collaboration for Pharmacy Technician Education/ Training Accreditation and the plans for the 2017 technician stakeholder conference; and the growth of the ACPE International Services Program.

Presenters:

Michael A. Mone, B.S.Pharm., J.D., FAPhA, Vice President Associate General Counsel – Regulatory, Cardinal Health, Dublin Ohio; President, Accreditation Council for Pharmacy Education, Chicago, Ill.

Peter Vlases, Pharm.D., D.Sc. (Hon.), BCPS, FCCP, Executive Director, Accreditation Council for Pharmacy Education, Chicago, Ill.

2:00 p.m.–2:30 p.m.

South Seas D, Level 3

▶ (Management Case Study) Using Data Analytics to Decrease Renal Failure Cost Per Case

ACTIVITY #0204-0000-16-351-L04-P/0204-0000-16-351-L04-T
0.50 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Learning Objectives:

- Discuss how data analytics can be used to quickly gather and assess data related to medication costs. (P/T)
- Describe a process used to successfully reduce cost per case by 46% in one organization. (P only)
- Evaluate the potential for a partnership with finance to be involved in the interdisciplinary clinical team. (P/T)

Presenters:

Rebecca A. Taylor, Pharm.D., MBA, BCPS, Director of Pharmacy, Cleveland Clinic Marymount Hospital, Garfield Heights, Ohio

Mike Stilgenbauer, M.H.A., Senior Director of Finance, Cleveland Clinic, Cleveland, Ohio

2:00 p.m.–3:00 p.m.

Oceanside C, Level 2

▶ Brain Matters and Blood Splatters: Drug Therapy in the Emergency Trauma Patient

ACTIVITY #0204-0000-16-209-L01-P
1.00 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: ADVANCED

Program Chair/Moderator: Asad E. Patanwala, Pharm.D., BCPS, FASHP, FCCP, Associate Professor, The University of Arizona, Tucson, Ariz.

Learning Objectives:

- Select an appropriate pharmacological therapy regimen for a neurotrauma patient.
- Determine the appropriateness of pharmacological agents used for traumatic hemorrhage.
- Evaluate the pharmacist's role during traumatic resuscitation.

Presenters:

Nicole M. Acquisto, Pharm.D., BCPS, Emergency Medicine Clinical Pharmacy Specialist, University of Rochester Medical Center; Assistant Professor, Department of Emergency Medicine, University of Rochester, Rochester, N.Y.
Asad E. Patanwala, Pharm.D., BCPS, FASHP, FCCP

2:00 p.m.–3:30 p.m.

Lagoon F, Level 2

▶ Interprofessional Education: Preparing Students for Team-based Care

Planned in cooperation with the American Association of Colleges of Pharmacy

ACTIVITY #0204-0000-16-200-L04-P
1.50 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair/Moderator: Michelle L. Hilaire, Pharm.D., BCACP, BCPS, CDE, FCCP, Clinical Professor, University of Wyoming, Laramie, Wyo.; Clinical Pharmacist, Fort Collins Family Medicine Residency, Fort Collins, Colo.

Learning Objectives:

- Review the Accreditation Council for Pharmacy Education's (ACPE's) 2016 Standards that focus on interprofessional education.
- Evaluate interprofessional education activities in the didactic curriculum.
- Develop innovative interprofessional education for experiential rotations.
- Apply the fundamental skills for precepting, facilitating, and role-modeling in interprofessional education and in practice in the clinical environment.

Presenters:

Joel C. Marrs, Pharm.D., ASH-CHC, BCACP, BCPS-AQ Cardiology, CLS, FASHP, FCCP, FNLA, Associate Professor, University of Colorado Skaggs School of Pharmacy, Aurora, Colo.
Sarah Shrader, Pharm.D., Clinical Associate Professor, University of Kansas, Kansas City, Kan.

2:00 p.m.–3:30 p.m.

Mandalay Bay L, Level 2

▶ Beyond the Pillbox: Improving Medication Adherence and Health Outcomes

Planned in cooperation with the ASHP Section of Ambulatory Care Practitioners

ACTIVITY #0204-0000-16-202-L04-P
1.50 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair/Moderator: Sandra Cuellar, Pharm.D., BCOP, Clinical Oncology Pharmacist, Clinical Assistant Professor, University of Illinois Hospital & Health Sciences System, Chicago, Ill.

Learning Objectives:

- Identify barriers to medication adherence and evidence-based strategies to improve adherence.
- Categorize challenges associated with specialty medications and the role of pharmacists in improving medication adherence and health outcomes.
- Evaluate successful models and initiatives used within health systems for improving medication adherence.

Presenters:

Sandra Cuellar, Pharm.D., BCOP

Diana Isaacs, Pharm.D., BC-ADM, BCPS, CDE, Clinical Pharmacy Specialist, Cleveland Clinic, Cleveland, Ohio

Nate M. Rickles, Pharm.D., Ph.D., Associate Professor of Pharmacy Practice, University of Connecticut, Storrs, Conn.

2:00 p.m.–3:30 p.m.

Lagoon L, Level 2

▶ All In for Specialty Pharmacy

Planned in cooperation with the ASHP Section of Pharmacy Practice Managers

ACTIVITY #0204-0000-16-203-L04-P/0204-0000-16-203-L04-T

1.50 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair/Moderator: Lorraine A. Lee, B.S.Pharm., M.H.A., Executive Director, Pharmacy Services, Yale New Haven Health System, New Haven, Conn.

Learning Objectives:

- Discuss the elements of an implementation plan and a stakeholder analysis needed to initiate a specialty pharmacy service.
- Evaluate strategies of patient capture and retention in specialty pharmacy services.
- Synthesize the associated data elements with initiation and expansion of specialty pharmacy.
- Discuss the management and communication of these data to the various stakeholders, including providers, insurers, and pharmaceutical manufacturers.

Presenters:

Howard Cohen, R.Ph., M.S., FASHP, Director, Oncology Pharmacy Services, Smilow Cancer Hospital at Yale New Haven, New Haven, Conn.

Renee Havriliak, B.S.Pharm., CGP, Associate Director, Specialty Pharmacy Services, Yale New Haven Hospital, New Haven, Conn.

Kyle Skiermont, Pharm.D., Chief Operating Officer, Fairview Pharmacy Services, Minneapolis, Minn.

2:00 p.m.–3:30 p.m.

Breakers C, Level 2

▶ CDC Opioid Prescribing Guidelines: Controversy, Opiophobia, and the Role of the Pharmacist

Planned in cooperation with the ASHP Section of Ambulatory Care Practitioners

ACTIVITY #0204-0000-16-210-L03-P

1.50 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair/Moderator: Ernest J. Dole, Pharm.D., BCPS, FASHP, Clinical Pharmacist, University of New Mexico Pain Consultation & Treatment Center; Clinical Associate Professor, University of New Mexico Health Sciences Center College of Pharmacy, Albuquerque, N.M.

Learning Objectives:

- Debate the pros and cons for implementation of the Centers for Disease Control and Prevention (CDC) Guideline for Prescribing Opioids for Chronic Pain.
- Discuss the pharmacist's role, or lack thereof, in the development of the CDC Guideline for Prescribing Opioids for Chronic Pain.
- Summarize controversies related to the development of the CDC Guideline for Prescribing Opioids for Chronic Pain.
- Formulate your own professional opinion related to the CDC Guideline for Prescribing Opioids for Chronic Pain.

Presenters:

Ernest J. Dole, Pharm.D., BCPS, FASHP

Jeffrey Fudin, Pharm.D., B.S., FASHP, FCCP, President and Director, Scientific and Clinical Affairs, Remitigate, LLC; Clinical Pharmacy Specialist and Director, PGY2 Pain Palliative Care Residency, Stratton VA Medical Center; Adjunct Associate Professor, Albany College of Pharmacy & Health Sciences, Albany, N.Y.

2:00 p.m.–3:30 p.m.

South Seas B, Level 3

▶ Beyond the Numbers: An Innovative, Patient-centered Approach to Diabetes Care

Planned in cooperation with the ASHP Section of Ambulatory Care Practitioners

ACTIVITY #0204-0000-16-211-L01-P

1.50 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: ADVANCED

Program Chair/Moderator: Mary E. Fredrickson, Pharm.D., BCPS, Clinical Pharmacy Specialist, Internal Medicine, St. Joseph Warren Hospital, Mercy Health Youngstown, Warren, Ohio

Learning Objectives:

- Choose strategies for optimizing patient engagement through implementation of self-management goals and direct involvement in care plan development.
- Develop a comprehensive diabetic care plan with an emphasis on a patient's individual goals pertaining to medical, psychosocial, and mental well-being.
- Evaluate how billing for ancillary services, with an emphasis on pharmacy services, can be instituted in the setting of an interdisciplinary diabetes clinic.

Presenters:

Patrick L. Brine, M.D., Associate Program Director SEHC Internal Medicine Residency, Mercy Health- Youngstown, Youngstown, Ohio

Mary E. Fredrickson, Pharm.D., BCPS

Panelists:

Kay M. Leonhart, RN, M.S.N., CDE, Diabetes Education Manager for St. Elizabeth, St. Joseph and St. Elizabeth Boardman Hospitals, Mercy Health – Youngstown Market, Youngstown, Ohio

Mary Jo Penk, LSW, Licensed Social Worker

Todd Stanley, RN, RN Care Coordinator, Mercy Health – Youngstown, Youngstown, Ohio

Educational Sessions Monday, December 5 continued

2:00 p.m.–3:30 p.m.

Mandalay Bay H, Level 2

▶ Antimicrobial Stewardship for All: What You Need to Know

Planned in cooperation with the American Pharmacists Association

ACTIVITY #0204-9999-16-213-L04-P
1.50 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: ADVANCED

Recertification credit for: BCACP, BCCCP, BCPPS, BCPS, CGP

Program Chair/Moderator: Marc H. Scheetz, Pharm.D., M.S., BCPS-AQ ID, Associate Professor, Midwestern University, Downers Grove, Ill.; Infectious Diseases Pharmacist, Northwestern Medicine, Chicago, Ill.

Learning Objectives:

- Discuss emerging issues in antimicrobial resistance among pathogens commonly causing infectious diseases and the implications for antimicrobial drug use in healthcare facilities.
- Describe and develop methods for surveillance of antimicrobial resistance in healthcare facilities.
- Explain the components of an effective antimicrobial stewardship program.
- Apply appropriate metrics for evaluating antimicrobial consumption in healthcare facilities.
- Develop methods for monitoring trends and identifying opportunities for improvement in antimicrobial use within a healthcare facility.

Presenters:

Heather M. Draper, Pharm.D., BCPS, Clinical Pharmacist, Emergency Medicine, Mercy Health Saint Mary's, Grand Rapids, Mich.

Marc H. Scheetz, Pharm.D., M.S., BCPS-AQ ID

For more information, see page 36.

2:00 p.m.–3:45 p.m.

Mandalay Bay D, Level 2

▶ Trends in 340B: Central Distribution and Medicaid Reimbursement

ACTIVITY #0204-0000-16-205-L04-P/0204-0000-16-205-L04-T
1.75 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair/Moderator: Christopher A. Hatwig, R.Ph., M.S., FASHP, President, Apexus, Irving, Texas

Learning Objectives:

- Discuss the Health Resources and Services Administration (HRSA) and 340B Prime Vendor Program updates.
- Describe challenges and solutions regarding central distribution in a 340B setting.
- Explain leading practices in approaching Medicaid about 340B reimbursement and duplicate discounts.

Presenters:

Jason Atlas, R.Ph., MBA, Manager, 340B Education and Compliance Support, Apexus, Irving, Texas

Christopher A. Hatwig, R.Ph., M.S., FASHP

Chad Johnson, Pharm.D., MBA, 340B Program Manager, Froedtert Hospital, Milwaukee, Wisc.

Krista Pedley, Pharm.D., Director, Office of Pharmacy Affairs, Health Resources and Services Administration, Rockville, Md.

2:00 p.m.–4:00 p.m.

Oceanside D, Level 2

▶ Safety & Quality Pearls 2016

Planned in cooperation with the ASHP Section of Inpatient Care Practitioners

ACTIVITY #0204-0000-16-207-L05-P/0204-0000-16-207-L05-T
2.00 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair/Moderator: B. Jane Adams, B.S.Pharm., M.S., Clinical Pharmacist, Medication Safety and Quality, Baylor St. Luke's Medical Center, Houston, Texas

Learning Objectives:

- Describe three examples of interventions that have improved safety or quality of patient care in health systems.
- List steps for implementation of at least one safety improvement program.
- Explain how to apply three strategies for preventing patient harm.

Presentations:

IV Push Best Practices: Seeing is Believing

Dan Degnan, Pharm.D., M.S., CPPS, FASHP, Senior Project Manager, Purdue University College of Pharmacy, Center for Medication Safety Advancement, West Lafayette, Ind.

Why We Switched to a More Expensive Drug for Safety Reasons: Ryanodex® vs. Dantrium®

Jennifer Robertson, Pharm.D., BCPS, Medication Outcomes & Safety Officer, St. Jude Children's Research Hospital; Assistant Professor, Department of Pharmacy, University of Tennessee Health Science Center, College of Pharmacy, Memphis, Tenn.

Baby Doses: Reducing Errors in Pediatric Dose Preparation

Sara J. D. Bork, Pharm.D., MBA, Assistant Director – Medication Safety & Education, Texas Children's Hospital, Houston, Texas

Breaking Edge Delivery Tracking: Ensuring the Right Drug Gets to the Right Place

Stephen J. Davis, Pharm.D., M.S., CPPS, Pharmacy Operations Manager, Texas Children's Hospital, Houston, Texas

We Don't Know What We Don't Know: Automating the IHI Trigger Tool for Measuring ADEs

Paul Milligan, Pharm.D., System Medication Safety Pharmacist, BJC HealthCare; Clinical Pharmacist, Washington University, St. Louis, Mo.

Organizational Implementation the NIOSH Hazardous Drug List

Corbin Bennett, Pharm.D., M.P.H., Director of Outpatient Infusion and Oncology Infusion, Kaiser Permanente, Fresno, Calif.

Investigational Drugs in the ICU: 4 Things to Get Right

John Petrich, M.S., Investigational Drug Service Manager, Cleveland Clinic, Cleveland, Ohio

Implementing Safety Strategies for U-500 Insulin

Bill A. Templeman, Jr., Pharm.D., Inpatient Quality Supervisor, Kaiser Permanente, Riverside, Calif.; Assistant Clinical Professor, Loma Linda School of Pharmacy, Loma Linda, Calif.

Pharmacist-led Oral Chemotherapy Prescription Review

Jason Bergsbaken, Pharm.D., BCOP, Pharmacy Coordinator, Regional Oncology Services, UW Health, Madison, Wis.

Where Do I Sign? Expanding an Inpatient and Outpatient Technological Chemotherapy Ordering Safeguard

Ali-Reza Shah-Mohammadi, Pharm.D., M.S., CMQ, FISMP, Clinical Pharmacy Specialist – Medication Safety, The University of Texas MD Anderson Cancer Center, Houston, Texas

Overhauling the Override List

Amanda D. Wollitz, Pharm.D., BCPS, FISMP, Assistant Director, Florida Hospital, Orlando, Fla.

Assessment of Appropriate Antidote, Reversal Agent, and Rescue Agent Availability and Readiness at a Large Health System

Indrani Kar, Pharm.D., Clinical Pharmacy Specialist – Drug Policy/Formulary, University Hospitals, Cleveland, Ohio

Identification of Risk Factors for Hospital Readmission Due to Bleeding Associated with Non-Vitamin K Oral Anticoagulants (NOACs)

Janelle R. Lenz, Pharm.D., Internal Liaison, Eli Lilly and Company, Indianapolis, Ind.

FDA MedWatch: Your Report Makes a Difference

Teresa Rubio, Pharm.D., Health Programs Coordinator, Office of Health and Constituent Affairs, U.S. Food and Drug Administration, Silver Spring, Md.

Reporting to FDA MedWatch: Use of a Standardized Adverse Drug Reaction Reporting Algorithm in a Comprehensive Cancer Center

P. Sayer Monroe, Pharm.D., CJCP, CMQ, Medication Safety Consultant, The University of Texas MD Anderson Cancer Center, Houston, Texas

A Weighty Proposal: Using Gravimetrics in the IV Preparation Process

Kelley Reece, Pharm.D., Assistant Pharmacy Manager, MD Anderson Cancer Center, Houston, Texas

Utilizing a Medication Safety Dashboard to Drive Quality Care

Michael C. Dejos, Pharm.D., BCPS, Medication Safety Officer, Alfred I DuPont Hospital for Children, Wilmington, Del.

A Cost Avoidance Model for Medication Safety Programs

Elizabeth Wade, Pharm.D., BCPS, Medication Safety Officer, Concord Hospital, Concord, N.H.

A System Quality Effort to Transform Medication Safety

Elizabeth Rebo, Pharm.D., Medication Safety Officer, WellStar Health System, Atlanta, Ga.

2:00 p.m.–4:00 p.m.

Mandalay Bay J, Level 2

Debates in Therapeutics 2016

Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists

ACTIVITY #0204-0000-16-208-L01-P

2.00 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: ADVANCED

Program Chair/Moderator: Kevin E. Anger, Pharm.D., BCPS, Manager Investigational Drug Services, Brigham and Women's Hospital, Boston, Mass.

Learning Objectives:

- Explain why therapeutic controversies might occur in clinical practice.
- Identify three therapeutic areas in which controversies may exist.
- Discuss the pros and cons of selected therapeutic issues.

Debate Topics:

If I Ruled the World: Opioid-based Therapy vs. Non-Opioid-based Therapy for NAS

Christopher McPherson, Pharm.D., Clinical Pharmacist, Neonatal ICU, St. Louis Children's Hospital; Assistant Professor, Washington University School of Medicine, St. Louis, Mo.; **Sara Rostas, Pharm.D., BCPS**, Clinical Pharmacy Specialist, Neonatal ICU, Brigham & Women's Hospital, Department of Pharmacy, Boston, Mass.

Old School vs. New School: Anti 10a vs. aPtt Testing for Intravenous Heparin Protocol Monitoring

Ruchi Jain, Pharm.D., BCPS, Clinical Pharmacy Specialist – Medical Intensive Care Unit, Hackensack University Medical Center, Hackensack, N.J.; **Jeremy W. Vandiver, Pharm.D., BCPS**, Assistant Professor of Pharmacy Practice, University of Wyoming School of Pharmacy, Laramie, Wyo.

PRO Dex or NOdex for Severe Alcohol Withdrawal

Patrick Bridgeman, Pharm.D., BCPS, Clinical Assistant Professor, Ernest Mario School of Pharmacy, Piscataway, N.J.; Clinical Pharmacy Specialist – Emergency Medicine, Robert Wood Johnson University Hospital, New Brunswick, N.J.; **Scott W. Mueller, Pharm.D., BCCCP**, Assistant Professor, University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences; Critical Care Clinical Specialist, University of Colorado Health, Aurora, Colo.

CE PROCESSING REMINDER

All attendees must claim their CE credits online within 60 days of the sessions they attended.

Educational Sessions Monday, December 5 continued

2:00 p.m.–4:00 p.m.

Oceanside A, Level 2

▶ **Joint Commission: Don't Roll the Dice; Be Prepared!**

ACTIVITY #0204-0000-16-212-L03-P/0204-0000-16-212-L03-T

2.00 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair/Moderator: John P. Uselton, R.Ph., B.S., Director of Quality and Pharmacy Practice, Cardinal Health, Houston, Texas

Learning Objectives:

- Identify important compliance issues in preparing for accreditation surveys using medication management processes.
- Explain how to identify problematic areas prior to surveys, and develop an action plan.
- Design basic, easy-to-implement strategies to prepare for surveyor activities.
- Compare and contrast the differences in strategy for survey preparation in inpatient and ambulatory settings.

Presenters:

Robert Jordin, R.Ph., B.S., Director Accreditation and Medication Safety, Cardinal Health Innovative Delivery Solutions, Houston, Texas

Patricia C. Kienle, R.Ph., M.P.A., FASHP, Director, Accreditation and Medication Safety, Cardinal Health, Laflin, Pa.

Lee B. Murdaugh, R.Ph., Ph.D., Director of Accreditation and Medication Safety, Cardinal Health Innovative Delivery Solutions, Houston, Texas

John P. Uselton, R.Ph., B.S.

2:00 p.m.–4:00 p.m.

Mandalay Bay F, Level 2

▶ **Balancing Act: Managing Bleeding and Thrombosis with Direct Oral Anticoagulants**

ACTIVITY #0204-0000-16-214-L01-P

2.00 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: ADVANCED

Program Chair/Moderator: William Dager, Pharm.D., BCPS, FASHP, FCCM, FCCP, MCCM, Pharmacist Specialist, University of California Davis Medical Center, Sacramento, Calif.

Learning Objectives:

- Evaluate available options for reversing the effects of direct oral anticoagulants (DOACs).
- Determine common considerations when managing bleeding in a patient receiving anticoagulation therapy.
- Debate the pros or cons with the use of a direct antidote or concentrated clotting factor to manage bleeding in a patient on a DOAC.

Presenters:

William Dager, Pharm.D., BCPS, FASHP, FCCM, FCCP, MCCM

John Fanikos, R.Ph., MBA, Assistant Director of Pharmacy, Brigham & Women's Hospital/Partners Healthcare, Boston, Mass.

Michael Gulseth, Pharm.D., BCPS, FASHP, Program Director for Anticoagulation Services, Sanford USD Medical Center; President, Michael P. Gulseth Anticoagulation Consulting, Inc., Sioux Falls, S.D.

Aaron J. Roberts, Pharm.D., BCPS-AQ Cardiology, Senior Clinical Pharmacist, UC Davis Medical Center, Sacramento, Calif.; Associate Clinical Professor of Pharmacy, UC San Francisco, School of Pharmacy, San Francisco, Calif.; Associate Clinical Professor of Medicine, UC Davis School of Medicine, Sacramento, Calif.

2:00 p.m.–4:30 p.m.

South Seas J, Level 3

▶ **Pharmacy Practice Pearls from Around the Globe 2016**

Featuring the Donald E. Francke Medal Lecture

ACTIVITY #0204-0000-16-201-L04-P/0204-0000-16-201-L04-T

2.00 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair/Moderator: Eric M. Maroyka, Pharm.D., BCPS, Director, Center on Pharmacy Practice Advancement, ASHP, Bethesda, Md.

Donald E. Francke Medalist Mr. Lee C. Vermeulen presents *"Transcending Borders, Surpassing Boundaries"* at 2:00pm The educational session starts immediately after the lecture at 2:30pm The Donald E. Francke Medal was established to honor pharmacists who have made significant international contributions to advance pharmacy practice.

All attendees of this session are invited to join Mr. Vermeulen after the session to offer congratulations at a special reception for International Registrants. The reception is an opportunity to network with your friends and colleagues from around the world. Light refreshments will be served.

Learning Objectives:

- Identify practice challenges from a global perspective and strategies to overcome these challenges.
- Describe how international pharmacy practices can be adapted to your practice setting.
- Compare and contrast international pharmacy practice standards.

Presenters:

Ahmed Aljedai, Pharm.D., MBA, BCPS, FCCP, Professor and Director, Pharmaceutical Care Division, King Faisal Specialist Hospital and Research Center, Riyadh, Saudi Arabia

Alistair H. Gray, B.Sc. (Hons.), MRPharmS, DipClinPharm, Clinical Services Lead Pharmacist, East Lancashire Hospitals NHS Trust, Blackburn, Lancashire, England

Yimei Huang, Pharm.D., B.S., Clinical Pharmacist, West China Hospital/West China School of Medicine, Sichuan University; Assistant Professor, Chengdu, Sichuan, China

Shuaib Mahomed, B.Pharm., M.Sc., Senior Inpatient Pharmacist, Operating Room Pharmacy Project Leader, Cleveland Clinic Abu Dhabi, Abu Dhabi, UAE

Raliat Onatade, B.Pharm. (Hons.), M.Sc., MRPharmS, Deputy Director of Pharmacy, Clinical Services, London, U.K.

Carmen Guadalupe Rodriguez Gonzalez, Ph.D., Hospital Pharmacist, Madrid, Spain

Jihan H. Safwan Saade, Pharm.D., Clinical Assistant Professor, Ghazir, Lebanon

For more information, see page 33.

2:00 p.m.–4:30 p.m.

South Seas F, Level 3

► **Overcoming the Headwinds of Change: Proactive Focus on Career Inflection Points in Women's Leadership Advancement**

Planned in cooperation with the ASHP Women in Leadership Steering Committee

ACTIVITY #0204-0000-16-204-L04-P/0204-0000-16-204-L04-T

2.50 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair/Moderator: Sharon Murphy Enright, B.S.Pharm., MBA, President, EnvisionChange LLC, Atlanta, Ga.

Learning Objectives:

- Evaluate critical career inflection points for women's successful advancement in leadership roles and levels.
- Differentiate inflection points based on professional role and focus, administrative versus clinical.
- Strategize individual and organizational factors and practices associated with successful career trajectory.

Presenters:

Steven Cano, M.S., FASHP, Chief Pharmacy Officer, Cambridge Health Alliance, Cambridge, Mass.

Meghan D. Swarthout, Pharm.D., MBA, BCPS, Division Director, Ambulatory and Care Transitions Pharmacy, The Johns Hopkins Health System; Associate Director, Clinical Services, Johns Hopkins Home Care Group, Baltimore, Md.

Sara J. White, M.S., B.S., FASHP, (Ret.) Director of Pharmacy, Stanford Hospital and Clinics, Palo Alto, Calif.

2:45 p.m.–3:15 p.m.

South Seas D, Level 3

► **(Management Case Study) Pharmacist Population Health Interventions Based on Data Generated Risk and Care Gaps**

ACTIVITY #0204-0000-16-352-L04-P

0.50 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: GENERAL INTEREST

Learning Objectives:

- Describe how pharmacists can participate in disease management and population health using laboratory-based data.
- Define three health conditions that are high risk and high cost for healthcare organizations and are ideal for population health initiatives.
- Identify how gaps in care can be identified using laboratory data for disease management and population health.

Presenters:

Kathleen Swanson, R.Ph., M.S., Director Enterprise Clinical Solutions, TriCore Reference Laboratories, Albuquerque, N.M.

Monique Dodd, Pharm.D., Pharmacy Fellow Translational Research, TriCore Reference Laboratories, Albuquerque, N.M.

3:30 p.m.–4:00 p.m.

South Seas D, Level 3

► **(Management Case Study) Business Intelligence Strategies: Improving Access and Analysis of Ad Hoc Reports Across the Pharmacy Enterprise**

ACTIVITY #0204-0000-16-353-L04-P/0204-0000-16-353-L04-T

0.50 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: GENERAL INTEREST

Learning Objectives:

- Identify three key resources to establish a pharmacy business intelligence strategy.
- List five case scenarios that would help address the majority of departmental needs.
- Describe two barriers that need to be overcome in implementing a pharmacy business intelligence strategy.

Presenters:

Ashley Purohit, Pharm.D., MBA, Specialty Pharmacy Coordinator, Aurora Health Care, Milwaukee, Wis.

Al Loeb, M.S., Senior Director Pharmacy Operations, Aurora Health Care, Milwaukee, Wis.

3:30 p.m.–5:00 p.m.

Breakers C, Level 2

► **Chronic Opioid Therapy for Patients with Substance Use Disorder: Between the Devil and the Deep Blue Sea**

Planned in cooperation with the ASHP Section of Ambulatory Care Practitioners

ACTIVITY #0204-0000-16-223-L01-P

1.50 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: ADVANCED

Program Chair/Moderator: Ernest J. Dole, Pharm.D., BCPS, FASHP, Clinical Pharmacist, University of New Mexico Pain Consultation & Treatment Center; Clinical Associate Professor, University of New Mexico Health Sciences Center College of Pharmacy, Albuquerque, N.M.

Learning Objectives:

- Identify the most appropriate opioid for pain control in context of the Centers for Disease Control and Prevention (CDC) for a patient with chronic noncancer pain (CNCP) and substance abuse disorder (SUD).
- Select the appropriate urine drug monitoring (UDM) test in the context of the CDC guidelines for a patient with CNCP and SUD.
- Prepare an individualized pharmacotherapeutic regimen for a patient, including controlled substance agreement (CSA), rescue naloxone, and monitoring.

Presenters:

Ernest J. Dole, Pharm.D., BCPS, FASHP

Michele Matthews, Pharm.D., BCACP, CPE, FASHP, Associate Professor of Pharmacy Practice, MCPHS University; Advanced Pharmacist Practitioner – Pain Management, Brigham and Women's Hospital, Boston, Mass.

Educational Sessions Monday, December 5 continued

3:45 p.m.–5:15 p.m.

Oceanside C, Level 2

▶ Antimicrobial Stewardship: Considerations and Limitations in Geriatric Care Settings

ACTIVITY #0204-0000-16-222-L04-P
1.50 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: ADVANCED

Recertification credit for: CGP

Learning Objectives:

- Describe recent regulations and government guidance statements calling for use of antimicrobial stewardship in geriatric care settings.
- Apply current literature describing antimicrobial stewardship techniques in the geriatric care setting.
- Discuss the implications of new infectious diseases guidelines for the use of antimicrobial agents in the geriatric patient population.
- Recommend appropriate antibiotic therapy for a geriatric patient, taking into consideration infectious-diseases management principles and patient-specific variables.
- Make appropriate antimicrobial-monitoring recommendations for a geriatric patient based on patient-specific variables and antimicrobial stewardship principles.

Presenter:

Kalin Clifford, Pharm.D., BCPS, Assistant Professor of Pharmacy Practice, Geriatrics Division, Texas Tech University Health Sciences Center School of Pharmacy, Dallas, Texas

For more information, see page 36.

3:45 p.m.–4:45 p.m.

Mandalay Bay H, Level 2

▶ Improving Antimicrobial Dosing for Critically Ill Patients: How to Translate Current Evidence into Practice

ACTIVITY #0204-0000-16-225-L01-P
1.00 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: ADVANCED

Recertification credit for: BCCCP, BCPS

Learning Objectives:

- Apply the results of clinical studies of the impact of the severity of illness on beta-lactam antibiotic pharmacokinetics and pharmacodynamics when recommending antimicrobial therapy for a critically ill patient.
- Develop an antimicrobial drug regimen for a critically ill patient, taking into consideration the relationship between the pharmacokinetic changes observed in patients with critical illness and the variability in pharmacokinetic and pharmacodynamic target attainment rates for concentration-dependent antibiotics.

Presenter:

Nathaniel J. Rhodes, Pharm.D., M.S., BCPS, Assistant Professor of Pharmacy Practice, Midwestern University, Downers Grove, Ill.; Infectious Diseases Clinical Pharmacist, Northwestern Medicine, Chicago, Ill.

For more information, see page 36.

4:00 p.m.–5:00 p.m.

Lagoon F, Level 2

▶ Combating Illegal Internet Pharmacy Websites: National Association of Boards of Pharmacy's View from the Top

ACTIVITY #0204-0000-16-215-L03-P/0204-0000-16-215-L03-T
1.00 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair/Moderator: Melissa A. Madigan, Pharm.D., J.D., Policy and Communications Director, National Association of Boards of Pharmacy, Mount Prospect, Ill.

Learning Objectives:

- Summarize the current illegal online drug environment and its negative impact on patient outcomes globally.
- List the current methods used to curb illegal online drug sales.
- Identify potential technical solutions that will lead to safe online pharmacy practice.

Presenters:

Martin Allain, J.D., Pharmacy Senior Manager, National Association of Boards of Pharmacy, Mount Prospect, Ill.
Melissa A. Madigan, Pharm.D., J.D.

4:00 p.m.–5:15 p.m.

Mandalay Bay L, Level 2

▶ What Happens in the Cath Lab Stays in the Cath Lab: An Update of Old, New, and Controversial Topics in Interventional Cardiology

Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists

ACTIVITY #0204-0000-16-217-L01-P
1.25 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: ADVANCED

Program Chair/Moderator: Jessica Starr, Pharm.D., BCPS, FCCP, Associate Clinical Professor, Auburn University, Birmingham, Ala.

Learning Objectives:

- Describe different risk-assessment strategies for bleeding and thrombosis and how they apply to appropriate medication selection.
- Analyze comparative literature and identify patients who may be candidates for unfractionated heparin vs. Bivalirudin.
- Outline the evolution of P2Y12 inhibitors and evaluate the role of cangrelor in modern percutaneous coronary interventions.

Presenters:

Douglas Jennings, Pharm.D., BCPS-AQ Cardiology, FAHA, FCCP, Clinical Pharmacy Manager, New York Presbyterian Columbia University Medical Center, New York, N.Y.
Philippe Mentler, BCPS, Senior Consultant, Vizient Inc, Cary, N.C.

4:00 p.m.–5:15 p.m.

Lagoon L, Level 2

▶ **Biosimilar Therapeutics in Hematology Malignancies — A Contemporary Review**

Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists

ACTIVITY #0204-0000-16-218-L01-P

1.25 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: ADVANCED

Program Chair/Moderator: Eve Segal, Pharm.D., Clinical Oncology Pharmacist, University of Washington Medical Center/Seattle Cancer Care Alliance, Seattle, Wash.

Learning Objectives:

- Analyze Food and Drug Administration (FDA) guidance documents and discuss the approval process for biosimilars.
- Describe current applications for the use of biosimilars in patients with hematology malignancies.
- Evaluate current clinical practice guidelines for the use of biosimilars in oncology and potential shortcomings.
- Describe desired therapeutic outcomes for biosimilars.

Presenters:

Ali McBride, Pharm.D., M.S., BCOP, BCPS, Clinical Coordinator, Hematology/Oncology, The University of Arizona Cancer Center, Tucson, Ariz.

John Valgus, Pharm.D., M.H.A., BCOP, Clinical Manager, Hematology/Oncology Pharmacy Services, University of North Carolina Medical Center, Chapel Hill, N.C.

4:00 p.m.–5:15 p.m.

South Seas B, Level 3

▶ **What's New in Diabetes? Insulin Products, Concentrations, and Multimodal Therapy**

ACTIVITY #0204-0000-16-224-L01-P

1.25 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: ADVANCED

Program Chair/Moderator: LaDonna M. Oelschlaeger, Pharm.D., BCPS, Associate Professor, Marshall B. Ketchum University College of Pharmacy, Fullerton, Calif.

Learning Objectives:

- Evaluate therapeutic use of new insulin products.
- Construct an insulin regimen using new insulin products for specific patient cases.
- Describe the process for implementing a multimodal dosing pharmacy protocol.
- Explain the process for converting a patient with diabetes to a multimodal insulin regimen.

Presenters:

Angela Hodges, Pharm.D., BC-ADM, LSSYB, Clinical Pharmacist Diabetes Specialist, Texas Health Huguley Hospital Fort Worth South, Burleson, Texas

Nathan A. Painter, Pharm.D., CDE, Associate Clinical Professor, UC San Diego Skaggs School of Pharmacy, La Jolla, Calif.

4:15 p.m.–4:45 p.m.

South Seas D, Level 3

▶ **(Management Case Study) Ace the MACE (Medication-Related Acute Care Episode): Assessment of the Impact of Pharmacists' Post-Discharge Follow-up on High-Risk Patients**

ACTIVITY #0204-0000-16-354-L04-P

0204-0000-16-354-L04-T

0.50 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: GENERAL INTEREST

Learning Objectives:

- Apply the Medication Related Acute Care Episodes (MACE) toolkit to determine the severity of drug-related problems identified during post-discharge follow-up and the potential for medication-related acute care episodes.
- Identify strategies to engage health-care providers in the MACE toolkit.
- Describe how to use the MACE toolkit to implement new or expand existing pharmacist transitions of care programs at other health systems.

Presenters:

Lydia E. Noh, Pharm.D., PGY-2 Health-System Pharmacy Administration Resident, Cedars-Sinai Medical Center, Los Angeles, Calif.

Kristina Bennwitz, Pharm.D., PGY-2 Ambulatory Care Pharmacy Resident, UW Health Pharmacy Services, Madison, Wis.

Rita Shane, Pharm.D., FASHP, FCSHP, Chief Pharmacy Officer, Cedars-Sinai Medical Center, Los Angeles, Calif.

4:15 p.m.–5:15 p.m.

Mandalay Bay B, Level 2

▶ **Preparing for Change: Antimicrobial Stewardship in Ambulatory Care**

Planned in cooperation with the American Pharmacists Association

ACTIVITY #0204-9999-16-219-L04-P

1.00 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: ADVANCED

Recertification credit for: BCACP

Learning Objectives:

- Discuss proposed regulatory standards for antimicrobial stewardship in the ambulatory care setting and describe an effective interprofessional antimicrobial stewardship team to meet or exceed the standards.
- Use antimicrobial surveillance data to identify potential targets for antimicrobial stewardship activities in the ambulatory care setting.
- Design innovative strategies for antimicrobial stewardship in the ambulatory care setting, including collaborative practice agreements and local prescribing guidelines.

Presenter:

Heather M. Draper, Pharm.D., BCPS, Clinical Pharmacist, Emergency Medicine, Mercy Health Saint Mary's, Grand Rapids, Mich.

For more information, see page 36.

Educational Sessions **Tuesday, December 6** continued

4:30 p.m.–5:15 p.m.

Mandalay Bay D, Level 2

▶ **Data Science Principles of Predictive and Prescriptive Analytics: Streamlining Your Pharmacy Practice**

Planned in cooperation with the ASHP Section of Pharmacy Informatics and Technology

ACTIVITY #0204-0000-16-220-L04-P/0204-0000-16-220-L04-T

0.75 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: INTERMEDIATE

Learning Objectives:

- Discuss several data science techniques for predicting outcomes.
- Describe how to interpret the discriminatory power of a predictive model.
- Evaluate several applications for predictive and prescriptive analytics in pharmacy practice.

Presenter:

Sandra L. Eldridge, Pharm.D., BCACP, Clinical Rules Consultant, MedSavvy, Portland, Ore.

4:30 p.m.–5:15 p.m.

Oceanside D, Level 2

▶ **Pediatric Clinical Pearls 2016**

Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists

ACTIVITY #0204-0000-16-221-L01-P

0.75 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair/Moderator: Audrey Kennedy, Pharm.D., BCPS, Clinical Safety Officer, Children's Mercy Kansas City, Kansas City, Mo.

Learning Objectives:

- Discuss clinical pediatric scenarios that might not be widely known or published.
- Identify novel clinical practice options for patient care in pediatric health-system settings.
- Describe medication-management strategies in difficult or controversial pediatric patient care situations.

Presentations:

Statins in Pediatric Heart Transplantation

Emily Benefield, Pharm.D., BCPS, Residency Site Coordinator, PGY2 Pediatric Residency Director, Intermountain Healthcare, Salt Lake City, Utah

Pediatric Insomnia: The A to Zzz's of Melatonin Use

Chelsey J. Jensen, Pharm.D., BCPS, Pediatric Clinical Pharmacist – Medication Therapy Management, Children's Hospitals and Clinics of Minnesota, Minneapolis, Minn.

Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) Modulators: Changing The Future of Cystic Fibrosis Treatment & Management

E. Claire Elson, Pharm.D., Clinical Pharmacy Specialist, Children's Mercy Hospital; Adjunct Faculty, University of Missouri Kansas City School of Pharmacy, Kansas City, Mo.

Getting Higher and Higher: Levetiracetam Loading Doses in Status Epilepticus

Stephanie Weightman, Pharm.D., BCPS, BCPPS, Clinical

Pharmacist – Emergency Department, Children's Health – Children's Medical Center Dallas, Dallas, Texas

Shedding Light on Barriers to Total Parenteral Nutrition Light Protection Throughout the Compounding Process

Bob John, Pharm.D., BCPS, NICU Clinical Pharmacy Specialist, The Children's Hospital at Saint Francis, Tulsa, Okla.

Not This Again: Vancomycin PK Primer

Kyana D. Stewart, Pharm.D., M.S., BCPS, Senior Clinical Pharmacist, Pediatric Infectious Disease, Children's Health, Children's Medical Center Dallas, Dallas, Texas

TUESDAY, DECEMBER 6

8:00 a.m.–8:30 a.m.

South Seas D, Level 3

▶ **(Management Case Study) Exploring the Use of Rapid Diagnostic Tests to Ensure Timely Treatment of Infections**

ACTIVITY #0204-0000-16-355-L04-P

0.50 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: GENERAL INTEREST

Learning Objectives:

- Describe types of rapid diagnostic tests.
- Describe the rapid diagnostic test algorithm.
- Describe pharmacists' potential impact on improving time to effective therapy.

Presenter:

Hai Tran, Pharm.D., Drug Use Policy Manager, Cedars-Sinai Medical Center, Los Angeles, Calif.

8:00 a.m.–9:00 a.m.

Oceanside C, Level 2

▶ **When Patients Outweigh the Mold: Pharmacotherapy in Pediatric Obesity**

Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists

ACTIVITY #0204-0000-16-232-L01-P

1.00 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: ADVANCED

Program Chair/Moderator: Audrey Kennedy, Pharm.D., BCPS, Clinical Safety Officer, Children's Mercy Kansas City, Kansas City, Mo.

Learning Objectives:

- Interpret literature on pharmacokinetic alterations and specific dose-adjustment tools in the obese pediatric population.
- Justify drug dosing for common and high-risk medications in overweight/obese pediatric patients.
- Evaluate dosing strategies for common agents used as continuous infusions.

Presenters:

Peter N. Johnson, Pharm.D., BCPPS, BCPS, FPPAG, Associate Professor, University of Oklahoma College of Pharmacy; Clinical Pharmacy Specialist – Pediatric Critical Care, The Children's Hospital at OU Medical Center, Oklahoma City, Okla.

Brady S. Moffett, Pharm.D., M.P.H., Clinical Pharmacy Specialist, Texas Children's Hospital; Assistant Professor – Pediatrics, Baylor College of Medicine, Houston, Texas

8:00 a.m.–9:00 a.m.

Mandalay Bay D, Level 2

▶ **Doing the Right Things and Doing Things Right: Tips and Tricks for Relevant and Efficient Inpatient Drug Surveillance**

Planned in cooperation with the ASHP Section of Pharmacy Informatics and Technology

ACTIVITY #0204-0000-16-233-L04-P/0204-0000-16-233-L04-T

1.00 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: ADVANCED

Learning Objectives:

- List 10 frequently firing drug-drug interactions. (P only)
- Identify the additional patient-specific data needed to prevent irrelevant alerting. (P/T)
- Explain why irrelevant alerting of drug use in renal failure occurs, despite implementing renal failure cutoff points from a national database. (P only)
- Review the advantages of a medication-monitoring system as opposed to an alerting system at the time of initiating an order. (P/T)
- Identify three key points of the presentation that the audience can implement immediately. (P/T)

Presenter:

Pieter J. Helmons, Pharm.D., PhD, M.A.S., Hospital Pharmacist, St. Jansdal Hospital, Harderwijk, Netherlands

8:00 a.m.–9:00 a.m.

Mandalay Bay J, Level 2

▶ **Combat the Opioid Crisis: Fuel the Battle with Nonpharmacologic Alternatives**

Planned in cooperation with the ASHP Section of Ambulatory Care Practitioners

ACTIVITY #0204-0000-16-236-L01-P

1.00 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair/Moderator: Maria Foy, Pharm.D., BCPS, CPE, Clinical Specialist, Palliative Care, Abington Hospital Jefferson Health, Abington, Pa.

Learning Objectives:

- Describe the current opioid crisis and current recommendations for opioid use in chronic non-cancer pain (CNCPP).
- Given a patient with CNCPP on medication, develop a therapeutic regimen using auricular acupuncture.
- Apply mindful meditation techniques for relaxation that can be used for pain control.

Presenters:

Ernest J. Dole, Pharm.D., BCPS, FASHP, Clinical Pharmacist, University of New Mexico Pain Consultation & Treatment Center; Clinical Associate Professor, University of New Mexico Health Sciences Center College of Pharmacy, Albuquerque, N.M.

Maria Foy, Pharm.D., BCPS, CPE



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8:00 a.m.–9:30 a.m.

Lagoon F, Level 2

▶ **Washington State Pharmacist Billing for Care Services: Successful Collaboration Among Provider Associations, Health Systems, and Health Plans**

Planned in cooperation with the ASHP Section of Ambulatory Care Practitioners and the ASHP Section of Pharmacy Practice Managers

ACTIVITY #0204-0000-16-226-L04-P/0204-0000-16-226-L04-T

1.50 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: ADVANCED

Program Chair/Moderator: Shirley J. Reitz, Pharm.D., B.S., Manager, Pharmacy Strategic Relations, OmedaRx/Regence Health Plan, Seattle, Wash.

Learning Objectives:

- Explain Washington state efforts on health insurance compensation coverage for pharmacist services.
- Describe state advocacy efforts that led to the passage of legislation that includes pharmacists in medical provider networks.
- Recommend strategies that health systems can use to collaborate with professional societies and payers to support a pharmacist as part of a team-based care model.
- Assess methods that can be used to identify stakeholders and recommend key implementation steps that ensure effective provision and billing of patient care services.
- Justify the role of the professional society, health-system leaders, health plans, and others in the advancement of provider status and reimbursement for services provided.

Presenters:

Shirley J. Reitz, Pharm.D., B.S.

Jeff Rochon, Pharm.D., Chief Executive Officer, Washington State Pharmacy Association, Renton, Wash.

Roger Woolf, Pharm.D., Administrative Director, Virginia Mason Medical Center, Seattle, Wash.

8:00 a.m.–9:30 a.m.

South Seas J, Level 3

▶ **Transitioning Your Antibiotic Patients Through the Healthcare System: Practical Approaches for Seamless Care**

Planned in cooperation with the ASHP Section of Ambulatory Care Practitioners

ACTIVITY #0204-0000-16-227-L01-P
1.50 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair/Moderator: Barbara Petroff, R.Ph., M.S., FASHP, Pharmacy Manager, Soleo Health, Novi, Mich.; Principal, Shawlerpetroff LLC, Livonia, Mich.; Faculty, University of Phoenix, Southfield, Mich.

Learning Objectives:

- Identify factors that should be considered when choosing antibiotic therapy for patients transitioning from one health-care setting to another.
- Describe the roles of the inpatient pharmacist, discharge planner, and ambulatory care clinical pharmacist when working to successfully transition patients.
- Define a transitions-of-care plan for a patient requiring continued antibiotic therapy beyond hospital discharge.

Presenters:

Spencer Durham, Pharm.D., BCPS-AQ ID, Assistant Clinical Professor, Auburn University Harrison School of Pharmacy, Auburn, Ala.

Barbara Petroff, R.Ph., M.S., FASHP

Carol J. Rollins, Pharm.D., M.S., FASHP, Clinical Professor, College of Pharmacy, University of Arizona, Tucson, Ariz.

8:00 a.m.–9:30 a.m.

Lagoon L, Level 2

▶ **Pharmacy Technicians: Essential Pieces of the Specialty Pharmacy Puzzle**

Planned in cooperation with the Pharmacy Technician Certification Board

ACTIVITY #0204-0000-16-228-L04-P/0204-0000-16-228-L04-T
1.50 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair: Angela T. Cassano, Pharm.D., BCPS, FASHP, President, Pharmfusion Consulting, LLC, Midlothian, Va.

Moderator: Miriam Mobley Smith, Pharm.D., B.S.Pharm., FASHP, Director of Strategic Alliances, Pharmacy Technician Certification Board, Washington, D.C.

Learning Objectives:

- Discuss aspects of the ASHP Specialty Pharmacy Resource Guide specific to pharmacy technicians.
- List the operational roles and responsibilities of pharmacy technicians in specialty pharmacy.
- Identify how to train and assess competency for patient care support and technical support roles of pharmacy technicians.
- Evaluate case examples of specialty pharmacy programs specific to pharmacy technician roles and responsibilities.

Presenters:

Gina Batterman, R.N., Supervisor, Medication Prior Authorization Dept, University of Wisconsin Hospital and Clinics, Madison, Wis.

Joe Cesarz, Pharm.D., M.S., Manager, Ambulatory Pharmacy Services, UW Health, Madison, Wis.

Ryan Cranyon, Pharm.D., Senior Administrative Resident, UW Health, Madison, Wis.

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8:00 a.m.–9:30 a.m.

South Seas F, Level 3

▶ **Welcome to Your Future: Credentialing and Privileging Processes for Pharmacists**

Planned in cooperation with the ASHP Section of Ambulatory Care Practitioners

ACTIVITY #0204-0000-16-231-L04-P
1.50 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair/Moderator: Michelle L. Hilaire, Pharm.D., BCACP, BCPS, CDE, FCCP, Clinical Professor, University of Wyoming, Laramie, Wyo.; Clinical Pharmacist, Fort Collins Family Medicine Residency, Fort Collins, Colo.

Learning Objectives:

- Define credentialing and privileging as it relates to health-care practitioners.
- Explain how credentialing and privileging processes were implemented in various healthcare systems.
- Discuss the benefits of credentialing and privileging programs for the advancement of patient care services.
- Identify tools and information from the ASHP Credentialing and Privileging Resource Center that can be used to establish or expand programs.

Presenters:

Julie Groppi, Pharm.D., FASHP, PBM Program Manager: Clinical Pharmacy Practice Policy and Standards, Department of Veterans Affairs, Pharmacy Benefits Management (10P4P), Clinical Pharmacy Practice Office (CPPO), Washington, D.C.

David Reardon, Pharm.D., BCPS, Solid Organ Transplant Clinical Pharmacist, Yale-New Haven Hospital, New Haven, Conn.

Betsy Shilliday, Pharm.D., BCACP, CDE, CPP, FASHP, Director, Advanced Practice Provider Center, University of North Carolina; Clinical Pharmacist Practitioner, UNC School of Medicine and Eshelman School of Pharmacy, Chapel Hill, N.C.

8:00 a.m.–9:30 a.m.

Oceanside B, Level 2

▶ **Help After a Tragic Medication Error: The Implementation of a Second Victim Program**

ACTIVITY #0204-0000-16-235-L05-P/0204-0000-16-235-L05-T
1.50 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair/Moderator: Natasha Nicol, Pharm.D., FASHP, Director of Global Patient Safety Affairs, Cardinal Health, Pawleys Island, S.C.

Learning Objectives:

- Define the term second victim and the stages of recovery.
- Assess the effect an error has on second victims and what can be done post-event in order to learn from the event and act accordingly.
- Evaluate the Scott Three-Tiered Interventional Model of Support.
- Develop a plan to create a second victim program.
- Explain ways to assess the impact of a second victim program.

Presenters:

James M. Hoffman, Pharm.D., M.S., BCPS, Chief Patient Safety Officer, St. Jude Children’s Research Hospital, Memphis Tenn.

Kara D. Krzan, Pharm.D., M.S., Chief, Pediatric and Women’s Clinical Pharmacy Services, University of Florida Health Shands, Gainesville, Fla.

Jenna Merandi, Pharm.D., M.S., Medication Safety Coordinator, Nationwide Children’s Hospital; Residency Director, Nationwide Children’s Hospital, Columbus, Ohio

Natasha Nicol, Pharm.D., FASHP

8:00 a.m.–9:30 a.m.

Oceanside A, Level 2

▶ **Dazed and Confused in the Intensive Care Unit: Managing Delirium Is More Than Just a State of Mind**

ACTIVITY #0204-0000-16-239-L01-P
1.50 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: ADVANCED

Program Chair/Moderator: Mitchell Buckley, Pharm.D., BCCCP, FASHP, FCCM, FCCP, Clinical Pharmacy Specialist, Banner – University Medical Center Phoenix, Phoenix, Ariz.

Learning Objectives:

- Evaluate the association between ICU delirium and benzodiazepine use.
- Compare and contrast rapidly reversible, sedation-related delirium with persistent, acute brain dysfunction.
- Recommend implementation strategies for sedation, delirium, and mobility for best practices in ICU patients.

Presenters:

Earnest Alexander, Jr., Pharm.D., FCCM, Assistant Director, Clinical Pharmacy Services, Tampa General Hospital, Tampa, Fla.

Mitchell Buckley, Pharm.D., BCCCP, FASHP, FCCM, FCCP

Gilles Fraser, Pharm.D., MCCM, Clinical Specialist in Critical Care, Maine Medical Center, Portland Maine; Professor of Medicine, Tufts University School of Medicine, Boston, Mass.

8:00 a.m.–10:00 a.m.

Mandalay Bay B, Level 2

▶ **BCOP Clinical Sessions: Lung Cancer Therapy and Molecular Targets**

Planned in cooperation with the American College of Clinical Pharmacy

ACTIVITY #0217-9999-16-135-L01-P
2.00 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: ADVANCED

Recertification credit for: BCOP

Moderator: Gary W. Jean, Pharm.D., BCOP, Assistant Professor, Texas Tech University Health Sciences Center School of Pharmacy; Clinical Coordinator, Clements University Hospital – UT Southwestern Medical Center, Dallas, Texas

Learning Objectives:

- Review the common mutations present in NSCLC.
- Review the history of targeted therapy in advanced NSCLC.
- Discuss the common targeted treatment modalities in advanced NSCLC.
- Identify the current barriers to targeted therapy in the management of advanced NSCLC.
- Explain the purpose of a molecular tumor board and demonstrate the value they add to treatment recommendations.
- Outline the support and process for obtaining off label genetic-guided therapy when clinical trials are not available.
- Discuss less common genetic alterations in NSCLC and their associated treatments and outcomes.
- Identify future challenges to the implementation of genetic-guided therapy into standard oncology clinical practice.

Presenters:

Gary W. Jean, Pharm.D., BCOP

Christine M. Walko, Pharm.D., BCOP, FCCP, Personalized Medicine Specialist, DeBartolo Family Personalized Medicine Institute, Moffitt Cancer Center; Associate Professor, Department of Oncologic Sciences, USF Morsani College of Medicine, Tampa, Fla.

For more information, see page 36.

8:00 a.m.–10:00 a.m.

Breakers C, Level 2

▶ **Pharmacy Forecast 2017: Trends That Will Shape Your Future**

Planned in cooperation with the ASHP Research and Education Foundation

ACTIVITY #0204-0000-16-237-L04-P/0204-0000-16-237-L04-T
2.00 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair/Moderator: William A. Zellmer, B.S.Pharm., M.P.H., President, Pharmacy Foresight Consulting, Bethesda, Md.

Learning Objectives:

- Identify five or more trends in the external environment that will have a major impact on health-system pharmacy practice over the next five years.

continues >

Educational Sessions **Tuesday, December 6** continued

- Translate the strategic advice of national authorities to the specific needs of a particular practice setting.
- Identify three or more ways to apply knowledge of key trends toward improving patient care.

Presenters:

Scott J. Knoer, Pharm.D., M.S., FASHP, Chief Pharmacy Officer, Cleveland Clinic, Cleveland, Ohio

Edward Li, Pharm.D., M.P.H., BCOP, Associate Professor, University of New England College of Pharmacy, Portland, Maine

Pamela Phelps, Pharm.D., Director, Fairview Pharmacy Services, Minneapolis, Minn.

Cynthia Williams, B.S.Pharm., FASHP, Vice President/Chief Pharmacy Officer, Riverside Health System, Newport News, Va.

William A. Zellmer, B.S.Pharm., M.P.H.

David A. Zilz, B.S.Pharm., M.S., FASHP, (Ret.) Senior Consultant, UWHealth, Madison, Wis.

8:00 a.m.–10:00 a.m.

South Seas B, Level 3

▶ **Diversion Prevention: What's a Pharmacy to Do?**

Planned in cooperation with the ASHP Section of Pharmacy Practice Managers

ACTIVITY #0204-0000-16-238-L03-P/0204-0000-16-238-L03-T

2.00 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair/Moderator: Philip Brummond, Pharm.D., M.S., Director of Pharmacy, Froedtert, Milwaukee, Wis.

Learning Objectives:

- Define the scope of the controlled substance diversion problem within U.S. hospitals and health systems.
- Define the role of the pharmacy leader in controlled substance diversion, detection, and surveillance.
- Design countermeasures to combat diverters within health systems.
- Interpret and recommend interventions within your organization based on diversion scenarios.
- Evaluate the common controlled-substance diversion hurdles and pitfalls when dealing with regulatory agencies after a diversion event.

Presenters:

Philip Brummond, Pharm.D., M.S.

Robert Fink, Pharm.D., MBA, BCNSP, BCPS, FACHE, FASHP, Vice President – Ancillary Services and Chief Pharmacy Executive, Quorum Health Corporation, Brentwood, Tenn.

Christopher Fortier, Pharm.D., FASHP, Chief Pharmacy Officer, Massachusetts General Hospital, Boston, Mass.

Stan Kent, R.Ph., M.S., FASHP, Chief Pharmacy Officer, University of Michigan Health System, Ann Arbor, Mich.

8:00 a.m.–10:00 a.m.

Mandalay Bay H, Level 2

▶ **Controversial High-Impact Publications in Hypertension: SPRINTing Toward the Goal**

Planned in cooperation with the American Pharmacists Association

ACTIVITY #0204-9999-16-240-L01-P

2.00 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: ADVANCED

Recertification credit for: BCACP, BCPS

Program Chair/Moderator: Joseph J. Saseen, Pharm.D., BCACP, BCPS, Professor and Vice Chair, Department of Clinical Pharmacy; Professor, Department of Family Medicine, University of Colorado Anschutz Medical Center, Aurora, Colo.

Learning Objectives:

- Compare and contrast guidelines and consensus recommendations for the treatment of patients with hypertension.
- Explain the findings from and strengths and weaknesses of the SPRINT trial, and discuss the implications for establishing the blood pressure goal for a patient with hypertension.
- Design patient-centered antihypertensive treatment plans in complex patients with hypertension.

Presenters:

Eric MacLaughlin, Pharm.D., BCPS, FASHP, FCCP, Professor and Chair, Texas Tech University Health Science Center, Amarillo, Texas

Joel C. Marrs, Pharm.D., ASH-CHC, BCACP, BCPS-AQ Cardiology, CLS, FASHP, FCCP, FNLA, Associate Professor, University of Colorado, Aurora, Colo.

Joseph J. Saseen, Pharm.D., BCACP, BCPS

For more information, see page 36.

8:45 a.m.–9:15 a.m.

South Seas D, Level 3

▶ **(Management Case Study) A Systematic Approach to Medication Error Evaluation Leads to Implementation of Standardized Dosing of Vasopressors**

ACTIVITY #0204-0000-16-356-L05-P

0.50 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: GENERAL INTEREST

Learning Objectives:

- List and describe key considerations when evaluating medication errors.
- Construct a communication strategy to get buy-in from key stakeholders.
- List the four functional aspects of action when developing a strategic plan following a medication error.

Presenters:

Christian S. Conley, Pharm.D., M.S., Acute Care Pharmacy Manager, UAB Hospital, Birmingham, Ala.

Michael Denaburg, Pharm.D., BCCCP, Critical Care Pharmacy Supervisor, UAB Hospital, Birmingham, Ala.

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9:00 a.m.–11:00 a.m. **Mandalay Bay L, Level 2**

► **Decision 2016: An Examination of Key Pharmacy Issues Within the Context of a New Administration, Congress, and Statehouses**

ACTIVITY #0204-0000-16-230-L03-P/0204-0000-16-230-L03-T
 2.00 CONTACT HOURS | KNOWLEDGE-BASED
 EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair: Joseph Hill, M.A., Director, Government Affairs, ASHP, Bethesda, Md.
Moderator: Kasey Thompson, Pharm.D., M.S., MBA, Chief Operating Officer and Senior Vice President, ASHP, Bethesda, Md.

Learning Objectives:

- Identify current federal regulatory and legislative issues impacting health-system pharmacists in a variety of settings.
- Discuss current regulatory and legislative issues in the states that impact health-system pharmacists.
- Provide an outlook into 2017 on key issues facing health-system pharmacists.

Presenters:

Nicholas Gentile, B.A., Director, State Grassroots Advocacy and Political Action, ASHP, Bethesda, Md.
Joseph Hill, M.A.
Jillanne Schulte, J.D., Director, Federal Regulatory Affairs, ASHP, Bethesda, Md.
Christopher Topoleski, B.A., Director, Federal Legislative Affairs, ASHP, Bethesda, Md.

9:00 a.m.–11:00 a.m. **Oceanside D, Level 2**

► **Management Pearls 2016**

Planned in cooperation with the ASHP Section of Pharmacy Practice Managers

ACTIVITY #0204-0000-16-234-L04-P
 2.00 CONTACT HOURS | KNOWLEDGE-BASED
 EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair/Moderator: Doina Dumitru, Pharm.D., MBA, FASHP, Director, Professional Services, BD, Houston, Texas

Learning Objectives:

- Identify one initiative that will improve clinical pharmacy services at your organization.
- Describe one performance improvement activity that can be used to improve operational efficiency in the pharmacy.
- List two healthcare environment factors that require pharmacy departments to adapt operations to meet changing health-system priorities.

Presentations:

What Happens with Practice Model Transformation Should be Shared by All!

Lynn Eschenbacher, Pharm.D., MBA, National Director of Pharmacy Operations, The Resource Group/Ascension, St. Louis, Mo.

Prescription Renewals by Pharmacy Technicians

Jordan Ambrose, Pharm.D., Ambulatory Pharmacy Manager, Froedtert Hospital, Milwaukee, Wis.

Preventing Harm: Technicians Catch Near Misses

Karen Youmbi, Pharm.D., BCPS, Pharmacy Regulatory Surveillance Supervisor, Cedars-Sinai Medical Center, Los Angeles, Calif.

Implementing an Antibiotic Stewardship Program at a Small Hospital with Limited Resources

Helena Lee, Pharm.D., M.S., BCPS, Director of Pharmacy, Comprehensive Pharmacy Services, Washington, D.C.

Patients' Awareness and Expectations of Pharmacists' Services During Hospital Stay: Do Patients Really Know What We Do?

Philip K. King, Pharm.D., BCPS, Clinical Lead Pharmacist, Neurology/Cardiology, Summa Health System, Akron City Hospital, Akron, Ohio; Assistant Professor, Pharmacy Practice, Northeast Ohio Medical University, Rootstown, Ohio

Utilizing a Drug Revenue Dashboard to Improve Financial Management of an Oncology Infusion Center

William Kernan, Pharm.D., MBA, Director of Pharmacy, Cleveland Clinic Florida, Weston, Fla.

Pharmacy-Led Revenue Cycle Outpatient Infusion Team

Carrie Morton, Pharm.D., MBA, Director of Pharmacy, Deaconess Hospital, Inc., Evansville, Ind.

IV Barcode Assisted Medication Preparation (BCMP) Technology: Crafting a Business Case

Heather Helsel, Pharm.D., M.S., Pharmacy Manager, Oncology Services, UW Health, Madison, Wis.

Design, Build, and Implement a Medication Synchronization Database to Improve Patient Adherence

continues >

Educational Sessions **Tuesday, December 6** continued

Jerame Hill, Pharm.D., M.S., Pharmacy Manager, Supply Chain, UW Health, Madison, Wis.

To the Bedside and Beyond: Embracing Education, Innovation, and Technology to Expand Bedside Delivery Services

Matthew J. Hoover, Pharm.D., BCPS, Pharmacy Clinical Specialist, Cleveland Clinic Marymount Hospital, Garfield Heights, Ohio; Northeast Ohio Medical University, Assistant Professor of Pharmacy Practice, Rootstown, Ohio

Development of an Interdisciplinary Drug Diversion Response Team

Brian C. O'Neal, Pharm.D., M.S., FASHP, Senior Director of Pharmacy and Biomedical Engineering, Childrens Mercy Hospital, Kansas City, Mo.

Combating the Opioid Abuse Epidemic: What Can a Hospital Pharmacy Do to Help?

Brian D. Latham, Pharm.D., Senior Director of Pharmacy and Biomedical Engineering, St. Rita's Medical Center, Lima, Ohio

Development of an Interdisciplinary Drug Diversion Response Team

Thomas S. Achey, Pharm.D., BCPS, Health-System Pharmacy Administration Resident, Cleveland Clinic, Cleveland, Ohio

Driving Employee Engagement Through Standardized Communication Tools and Practices

David Chantal, Pharm.D., PMP, Director of Compliance and Regulatory Services, Comprehensive Pharmacy Services, Norfolk, Mass.

Integration of New Hospitals Into Existing Health Systems

Tricia Killingsworth, R.Ph., B.S.Pharm., Senior Director, Acute Care Pharmacy Services, Banner Health, Phoenix, Ariz.

9:30 a.m.–10:00 a.m. South Seas D, Level 3

(Management Case Study) Challenges of Transitioning Patients to Outpatient Parenteral Antibiotic Therapy (OPAT)

ACTIVITY #0204-0000-16-357-L04-P/0204-0000-16-357-L04-T
0.50 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Learning Objectives:

- Describe potential barriers to discharge in a given case scenario. (P only)
- List factors related to antibiotic stability that may need to be considered when a patient transitions to home care. (P/T)
- Discuss the importance of coordination between hospital pharmacists, case managers, and the home infusion care team in successfully discharging a patient on intravenous antibiotics. (P/T)

Presenters:

Juan E. Villanueva-Quirino, Pharm.D., PGY2 Infectious Diseases Pharmacy Resident, University of Arizona/Banner University Medical Center – Tucson, Tucson, Ariz.

Carol J. Rollins, Pharm.D., M.S., R.D., BCNSP, FASHP, Clinical Professor, College of Pharmacy, University of Arizona, Tucson, Ariz.

9:30 a.m.–10:30 a.m. Mandalay Bay D, Level 2

Drug Accountability: Using Data and Analytics for Enhanced Inventory Management

Planned in cooperation with the ASHP Section of Pharmacy Informatics and Technology

ACTIVITY #0204-0000-16-245-L04-P/0204-0000-16-245-L04-T
1.00 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair/Moderator: Barbara L. Giacomelli, Pharm.D., MBA, FASHP, Area Vice President Pharmacy Practice Consulting, McKesson Health Systems, Vineland, N.J.; Rutgers University School of Nursing – Camden, Camden, N.J.

Learning Objectives:

- Define a mechanism to monitor pharmacy medication inventory from point of receipt of a drug in the pharmacy to storage, dispensation, and administration to a patient.
- Describe an automated perpetual inventory process and data analytics to monitor drug accountability.
- Explain a process to track inventory from receipt in the pharmacy to dispensing.

Presenters:

Barbara L. Giacomelli, Pharm.D., MBA, FASHP

Samuel R. Wetherill, IV, Pharm.D., M.H.A., Director, Pharmacy Supply Chain and Automation, Christiana Care Health System, Newark, Del.; Small Group Instructor, U.S. Army, Ft. Dix, N.J.

9:30 a.m.–11:00 a.m. Oceanside C, Level 2

Pediatric Antimicrobial Stewardship: Focusing on What Matters

ACTIVITY #0204-0000-16-244-L04-P
1.50 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: ADVANCED

Recertification credit for: BCPPS

Program Chair/Moderator: Kristen R. Nichols, Pharm.D., BCPPS, BCPS-AQ ID, Assistant Professor, Pharmacy Practice, Butler University College of Pharmacy and Health Sciences; Antimicrobial Stewardship Pharmacist, Riley Hospital for Children at Indiana University Health, Indianapolis, Ind.

Learning Objectives:

- Define major goals for antimicrobial stewardship in the pediatric population and evaluate progress in achieving those goals.
- Apply antimicrobial stewardship principles in the evaluation of a patient case and recommend evidence-based alterations to antimicrobial therapy.
- Design pediatric antimicrobial stewardship interventions that target specific antimicrobial agents, infectious diseases, or pathogens, and outline the roles of antimicrobial stewardship team members and the metrics used to assess effectiveness of the intervention.

Presenters:

Kristen R. Nichols, Pharm.D., BCPPS, BCPS-AQ ID

Kyana D. Stewart, Pharm.D., M.S., BCPS, Senior Clinical Pharmacist, Pediatric Infectious Disease and Co-Chair Antimicrobial Stewardship Program, Children's Health, Children's Medical Center Dallas, Dallas, Texas

For more information, see page 36.

10:00 a.m.–11:00 a.m.

Lagoon F, Level 2

▶ **A Toolkit for Pharmacy — Managing Prior Authorizations**

Planned in cooperation with the ASHP Section of Pharmacy Practice Managers

ACTIVITY #0204-0000-16-241-L04-P/0204-0000-16-241-L04-T

1.00 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair/Moderator: Julia Glowczewski, Pharm.D., BCPS, Director of Pharmacy, Cleveland Clinic Health System – Euclid Hospital, Euclid, Ohio

Learning Objectives:

- Describe the steps necessary to implement or improve a prior authorization program.
- Apply strategies for training technical and clinical staff to perform or support prior authorizations.
- Develop processes for overcoming a denial or rejection.
- Develop strategies to clinically support the prior authorization process.
- Evaluate opportunities to improve the prior authorization process and quantify results.

Presenters:

Donald Carroll, B.S.Pharm., M.H.A., Senior Director, Specialty and Ambulatory Pharmacy, Cleveland Clinic, Cleveland, Ohio

Niesha L. Griffith, R.Ph., M.S., FASHP, Vice President, Cancer Services, West Virginia University Health System, Morgantown, W.V.

Sarah Hudson-Disalle, Pharm.D., Pharmacy Manager, The Wexner Medical Center at the Ohio State University, Columbus, Ohio

10:00 a.m.–11:00 a.m.

Lagoon L, Level 2

▶ **Pharmacotherapy Considerations in Patients on Extracorporeal Membrane Oxygenation**

Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists

ACTIVITY #0204-0000-16-242-L01-P

1.00 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: ADVANCED

Program Chair/Moderator: Kevin E. Anger, Pharm.D., BCPS, Manager Investigational Drug Services, Brigham and Women's Hospital, Boston, Mass.

Learning Objectives:

- Discuss the role of extracorporeal membrane oxygenation (ECMO) in adult critically ill patients and the role of supportive pharmacotherapy.
- Evaluate recent literature on the pharmaceutical management of patients receiving ECMO.
- Assess ways to provide optimal medication management to patients receiving ECMO therapy.

Presenters:

Amy L. Dzierba, Pharm.D., BCCCP, BCPS, FCCM, Clinical Pharmacist, Adult Critical Care, NewYork-Presbyterian Hospital, New York, N.Y.

David Reardon, Pharm.D., BCPS, Solid Organ Transplant Clinical Pharmacist, Yale-New Haven Hospital, New Haven, Conn.

10:00 a.m.–11:00 a.m.

South Seas F, Level 3

▶ **FDA Update 2016: Public Health and Regulatory Initiatives Impacting Today's Practice**

ACTIVITY #0204-0000-16-243-L03-P/0204-0000-16-243-L03-T

1.00 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair/Moderator: Kimberly W. Chiu, Pharm.D., Pharmacist, Food and Drug Administration, Silver Spring, Md.

Learning Objectives:

- Describe the Food and Drug Administration's (FDA's) Division of Drug Information and its role in public health.
- Identify key 2016 FDA initiatives and their goals.
- Describe the potential impact of 2016 FDA initiatives on pharmacists and their practice.

Presenters:

Adesola Adejuwon, Pharm.D., MBA, Pharmacist, Food and Drug Administration, Silver Spring, Md.

Kimberly W. Chiu, Pharm.D.

10:00 a.m.–11:00 a.m.

Oceanside B, Level 2

▶ **Incorporating Medication Indications into the Prescribing Process**

ACTIVITY #0204-0000-16-246-L04-P

1.00 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair: Gordon Schiff, M.D., Associate Director, Center for Patient Safety Research and Practice, Brigham and Women's Hospital Division of General Internal Medicine; Harvard Medical School; AHRQ Indications-based Prescribing PI, Brigham and Women's Hospital Division of General Internal Medicine, Boston, Mass.

Moderator: Mary G. Amato, Pharm.D., M.P.H., BCPS, FCCP, Professor of Pharmacy Practice, MCPHS University; Sponsored Staff, Brigham and Women's Hospital, Boston, Mass..

Learning Objectives:

- Assess the value and benefits of integrating medication indications into the prescribing process.
- Estimate the implications and barriers of incorporating medication indications with respect to physicians, patients, and pharmacists; describe how this information could be transformative for the role of pharmacists.
- Evaluate what pharmacists can do to improve patient care through the use of indication information.

Presenters:

Mary G. Amato, Pharm.D., M.P.H., BCPS, FCCP

Aaron Nathan, B.S., Senior Research Assistant, Brigham and Women's Hospital, Boston, Mass.

Educational Sessions Tuesday, December 6 continued

10:00 a.m.–11:00 a.m. Mandalay Bay J, Level 2

▶ **Biosimilar Savings: Lowering Prices, But Who Saves Money?**

ACTIVITY #0204-0000-16-247-L04-P/0204-0000-16-247-L04-T
1.00 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair/Moderator: Steven Lucio, Pharm.D., BCPS, Associate Vice President, Clinical Pharmacy Solutions, Vizient, Irving, Texas

Learning Objectives:

- Identify the opportunities for cost savings with biosimilars based on the European experience as well as the initial competing biologics approved in the U.S.
- Evaluate the anticipated approach of Medicare, Medicaid, private payers, and other entities toward biosimilars and how these strategies will affect pharmaceutical costs.
- Appraise the key components of an economic evaluation process for biosimilars that encompasses the impact and value for health systems and patients.

Presenters:

Molly Leber, Pharm.D., BCPS, FASHP, Manager, Medication Policy and Formulary Management, Yale New Haven Health System, New Haven, Conn.
Steven Lucio, Pharm.D., BCPS

10:00 a.m.–11:00 a.m. South Seas J, Level 3

▶ **Updates in Transplantation 2016**

Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists and the American Society of Transplantation Pharmacy Community of Practice

ACTIVITY #0204-0000-16-310-L01-P
1.00 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair/Moderator: Lindsey Pote, Pharm.D., BCPS, Clinical Pharmacy Specialist, Solid Organ Transplantation, The Johns Hopkins Hospital, Baltimore, Md.; Clinical Pharmacy Specialist, HIV/Infectious Diseases, The Johns Hopkins Hospital, Baltimore, Md.; Clinical Pharmacist, Liver Transplant, Hospital of the University of Pennsylvania, Philadelphia, Pa.

Learning Objectives:

- Summarize the major updates in transplantation in the past year for HIV positive recipients.
- Evaluate immunosuppression and opportunistic infection prophylaxis regimens for the HIV positive transplant recipient.
- Prepare an effective posttransplant medication regimen for an HIV positive transplant recipient.

Presenters:

Janessa Smith, Pharm.D., Clinical Pharmacy Specialist, HIV/Infectious Diseases, The Johns Hopkins Hospital, Baltimore, Md.
Erin H. Ticehurst, Pharm.D., Clinical Pharmacy Specialist, Solid Organ Transplantation Residency Program Director, PGY-2 Solid Organ Transplantation, Hospital of the University of Pennsylvania, Philadelphia, Pa.

10:15 a.m.–10:45 a.m. South Seas D, Level 3

▶ **(Management Case Study) 2016 CDC Warning on Fluoroquinolone Antibiotic Use: Rolling Back Use for Patient Safety**

ACTIVITY #0204-0000-16-358-L04-P
0.50 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Learning Objectives:

- Describe systemwide development of antimicrobial stewardship teams in a large health system.
- Discuss strategies for prospective monitoring.
- Explain the use of various tools to ensure accountability and resulting outcomes.

Presenter:

Roy Guharoy, Pharm.D., MBA, FASHP, FCCP, Vice President, Clinical Integration and Chief Pharmacy Officer, Ascension Health, St. Louis, Mo.

2:00 p.m.–2:30 p.m. South Seas D, Level 3

▶ **(Management Case Study) Navigating Hospital and Health-System Integration: Clinical and Formulary Frontiers**

ACTIVITY #0204-0000-16-359-L04-P
0.50 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Learning Objectives:

- Describe the difference between vertical and horizontal pharmacy integration.
- Determine how to prioritize integration objectives.
- Identify strategies that can be helpful in overcoming roadblocks.

Presenters:

Amy Beatty, Pharm.D., BCPS, Clinical Director Pharmacy Services, OhioHealth, Dublin, Ohio
John Emanuel, Pharm.D., M.S., BCPS, Clinical Pharmacy Manager, OhioHealth, Dublin, Ohio

2:00 p.m.–3:15 p.m. Mandalay Bay L, Level 2

▶ **Optimizing Health-System Resources to Deliver Systemwide Antimicrobial Stewardship**

ACTIVITY #0204-0000-16-263-L04-P
1.25 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair/Moderator: Brad R. Laible, Pharm.D., BCPS-AQ ID, Professor, Department of Pharmacy Practice, South Dakota State University College of Pharmacy; Lead Pharmacist, Avera Health Antimicrobial Stewardship Program, Avera McKennan Hospital & University Health Center, Sioux Falls, S.D.

Learning Objectives:

- Discuss initial approaches to antimicrobial stewardship when starting a program.
- Describe ways to use existing personnel to enhance patient-level stewardship across the health system.
- Describe how a system-level ASP can impact an individual facility with limited antimicrobial stewardship resources.

Presenters:

Jamie Grosdidier, Pharm.D., Clinical Pharmacist, Avera Queen of Peace Hospital, Mitchell, S.D.

Brad R. Laible, Pharm.D., BCPS-AQ ID

Jawad Nazir, M.D., FACP, Consultant, Infectious Disease, Infectious Diseases Specialists, PC, Sioux Falls, S.D.

2:00 p.m.–3:15 p.m.

Oceanside A, Level 2

▶ **Report from the Field 2016: Focus Points for a Successful Joint Commission Survey**

Planned in cooperation with The Joint Commission

ACTIVITY #0204-0000-16-267-L03-P/0204-0000-16-267-L03-T

1.25 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: GENERAL INTEREST

Learning Objectives:

- Discuss regulatory expectations for ordering and administering medications through titration.
- Assess appropriate ordering and administration of range orders.
- List regulatory expectations for required oversight of compounding in hospitals and their ambulatory sites.
- Explain how to appropriately implement protocols for medications.

Presenter:

Robert C. Campbell, Pharm.D., Surveyor, The Joint Commission, Oakbrook Terrace, Ill.

2:00 p.m.–3:30 p.m.

South Seas J, Level 3

▶ **Caring for Two in the ICU: Managing Critical Illness in Pregnancy**

Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists

ACTIVITY #0204-0000-16-248-L01-P

1.50 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: ADVANCED

Program Chair/Moderator: Sarah Bush, Pharm.D., BCPS, Pharmacy Manager, Trident Medical Center, Charleston, S.C.

Learning Objectives:

- Devise a treatment strategy for the management of pulmonary embolism in the critically ill pregnant patient.
- Appraise the recent literature on the application of principles related to maternal resuscitation during cardiac arrest.
- Distinguish between the treatment strategies related to preeclampsia and associated complications.

Presenters:

Nadia I. Awad, Pharm.D., BCPS, Emergency Medicine Pharmacist, Robert Wood Johnson University Hospital, New Brunswick, N.J.

Julie J. Kelsey, Pharm.D., Clinical Pharmacist, University of Virginia Health System, Charlottesville, Va.

Melinda J. Ortmann, Pharm.D., BCPS, Clinical Pharmacy Specialist – Emergency Medicine, The Johns Hopkins Hospital, Baltimore, Md.

2:00 p.m.–3:30 p.m.

South Seas F, Level 3

▶ **Current Considerations for Conducting Root Cause Analysis: Developing Your Plan**

ACTIVITY #0204-0000-16-249-L05-P/0204-0000-16-249-L05-T

1.50 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair/Moderator: Karen M. Ryle, R.Ph., M.S., Associate Chief of Pharmacy for Ambulatory Care, Massachusetts General Hospital, Boston, Mass.

Learning Objectives:

- Describe a medication error that necessitates a root cause analysis (RCA) and use tools for the RCA process to identify the primary cause of the sentinel event.
- Prepare an action plan from the RCA that includes risk-reduction, communication, and implementation strategies.
- Discuss ways to measure the effectiveness of an RCA action plan.
- Identify latent failures in the system discovered during an RCA.
- Compare and contrast high-leverage and low-leverage safety strategies.

Presenters:

Donna Horn, R.Ph., D.Ph. (Hon.), Director Patient Safety – Community Pharmacy, Institute for Safe Medication Practices, Horsham, Pa.; Adjunct Instructor, MCPHS University, Boston, Mass.

Karen M. Ryle, R.Ph., M.S.

2:00 p.m.–3:30 p.m.

Mandalay Bay J, Level 2

▶ **Beyond the Basics: Billing Opportunities for Pharmacist-led Clinical Services**

ACTIVITY #0204-0000-16-253-L04-P

1.50 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair/Moderator: Brooke Griffin, Pharm.D., BCACP, Professor of Pharmacy Practice, Midwestern University, Downers Grove, Ill.

Learning Objectives:

- Explain billing opportunities for three major pharmacist-led clinical services: transitions of care, chronic care management, and annual wellness visits.
- Discuss important elements of billing opportunities to help ensure reimbursement.
- Evaluate the role of payer mix and provider status in ambulatory care billing opportunities.

Presenters:

Brooke Griffin, Pharm.D., BCACP

Sandra Leal, Pharm.D., M.P.H., Vice President for Innovation, SinfoniaRx, Tucson, Ariz.

Anne Misher, Pharm.D., Clinical Assistant Professor, University of Georgia, Savannah, Ga.

2:00 p.m.–3:30 p.m.

South Seas B, Level 3

▶ **Slowing CKD Progression: Are We Making Any Progress?**

ACTIVITY #0204-0000-16-256-L01-P
1.50 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair/Moderator: Thomas Dowling, Pharm.D., Ph.D., Assistant Dean, Ferris State University, Grand Rapids, Mich.

Learning Objectives:

- Using a set of criteria, evaluate a patient's comprehensive kidney function.
- Given recent controversies and literature, discuss and recommend strategies for slowing the progression of renal disease in patients with diabetic nephropathy.
- Given recent controversies and literature, discuss and recommend strategies for slowing the progression of renal disease in patients with hypertensive nephropathy.

Presenters:

Thomas Dowling, Pharm.D., Ph.D.
John Jameson, Pharm.D., B.S., FASHP, Chair and Professor of Pharmacy Practice, Ferris State University, Grand Rapids, Mich.
Asha L. Tata, Pharm.D., BCPS, Clinical Pharmacy Specialist, University of Maryland Medical Center, Baltimore, Md.

2:00 p.m.–3:30 p.m.

Lagoon L, Level 2

▶ **Lessons from History: Advocating Effectively for Pharmacy's Public Policy Agenda**

Planned in cooperation with the American Institute of the History of Pharmacy

ACTIVITY #0204-0000-16-344-L03-P/0204-0000-16-344-L03-T
1.50 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair/Moderator: William A. Zellmer, B.S.Pharm., M.P.H., President, Pharmacy Foresight Consulting, Bethesda, Md.

Learning Objectives:

- Explain how pharmacy-related public policy proposals are typically developed, refined, and recycled on the path toward new laws or regulations.
- Identify the value of history in policy analysis and advocacy from the perspectives of pharmacy practitioners, students, and national and state pharmacist association leaders.
- Outline lessons from history to the assessment of three contemporary issues in public policy that have practice implications in health-system pharmacy.

Presenters:

Gregory Higby, R.Ph., Ph.D., Executive Director, American Institute of the History of Pharmacy; Senior Lecturer, University of Wisconsin-Madison, Madison, Wis.
Brian M. Meyer, B.A., MBA, Consultant, Silver Spring, Md.
Stephen Schondelmeyer, Pharm.D., Ph.D., M.P.A., FAPhA, Professor and Director, PRIME Institute, Minneapolis, Minn.

2:00 p.m.–4:00 p.m.

Mandalay Bay B, Level 2

▶ **BCOP Clinical Sessions: Multiple Myeloma and Pediatric CINV**

Planned in cooperation with the American College of Clinical Pharmacy

ACTIVITY #0217-9999-16-145-L01-P
2.00 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: ADVANCED

Recertification credit for: BCOP

Moderator: Jennifer L. Thackray, Pharm.D., BCPPS, BCPS, Pediatric Oncology Clinical Pharmacy Specialist, Memorial Sloan Kettering Cancer Center, New York, N.Y.

Learning Objectives:

- Define the phases of chemotherapy-induced nausea and vomiting (CINV) and recognize the risk factors for CINV in a pediatric patient.
- Analyze the safety and efficacy of aprepitant and palonosetron in pediatric patients.
- Develop a plan for prevention and treatment of each phase of CINV.
- Modify an antiemetic regimen for a pediatric patient with breakthrough CINV.
- Examine prognostic implications and outline patient-specific treatment for multiple myeloma.
- Discuss pertinent literature related to daratumumab, elotuzumab, and ixazomib.
- Illustrate current role in therapy of novel agents to treat multiple myeloma.

Presenters:

Jill Bates, Pharm.D., M.S., BCOP, Clinical Pharmacist Practitioner, University of North Carolina Medical Center, Chapel Hill, N.C.
Jennifer L. Thackray, Pharm.D., BCPPS, BCPS

For more information, see page 36.

2:00 p.m.–4:00 p.m.

Oceanside C, Level 2

▶ **#EvidenceBased? Exploring Challenges with the Quality, Reporting, and Transparency of Evidence in Healthcare Research**

Planned in cooperation with the American Pharmacists Association

ACTIVITY #0204-9999-16-251-L01-P
2.00 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: ADVANCED

Recertification credit for: BCACP, BCPS

Program Chair/Moderator: Ashley N. Johnson, Pharm.D., BCPS, Clinical Pharmacy Specialist, Jonathan M Wainwright Memorial Walla Walla VA Medical Center, Walla Walla, Wash.; Assistant Adjunct Professor of Pharmacy Practice, Palm Beach Atlantic University, West Palm Beach, Fla.

Learning Objectives:

- Evaluate clinical trial reports for issues impacting the quality of evidence, including confounding variables and the use of surrogate outcomes as well as factorial and adaptive study designs.

- Describe examples of reporting bias and reporting discrepancies in the medical literature.
- Recommend strategies to improve the transparency of evidence obtained through clinical research, the peer review process, and advocacy.

Presenters:

Ashley N. Johnson, Pharm.D., BCPS
Krisy-Ann Thornby, Pharm.D., BCPS, Associate Professor of Pharmacy Practice, Palm Beach Atlantic University, West Palm Beach, Fla.

For more information, see page 36.

2:00 p.m.–4:00 p.m. Mandalay Bay D, Level 2

► **Reining in the Variants — Approaches to Using Pharmacogenomics in Clinical Medicine**

ACTIVITY #0204-0000-16-252-L04-P/0204-0000-16-252-L04-T
 2.00 CONTACT HOURS | APPLICATION-BASED
 EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair/Moderator: Shannon Manzi, Pharm.D., FPPAG, NREMT, Director, Clinical Pharmacogenomics Service, Boston Children’s Hospital, Boston, Mass.; Manager, Emergency and ICU Pharmacy Services, Boston Children’s Hospital, Boston, Mass.; Lead Pharmacist, MA-1 DMAT, NDMS, ASPR, HHS, Washington, D.C.

Learning Objectives:

- Explain common barriers to the implementation of pharmacogenetics into practice. (P/T)
- Assess the value of pharmacogenomic data during medication prescribing. (P only)
- Develop a list of pharmacogenomic resources. (P/T)
- Describe core concepts in the implementation of clinical decision support rules for pharmacogenomic-based dosing. (P only)
- Evaluate the benefits of using informatics to enhance the uptake of pharmacogenetics in practice. (P/T)

Presenters:

Ben L. Kong, Pharm.D., Oncology/Research Clinical Pharmacist, Oregon Health & Science University, Portland, Ore.
Shannon Manzi, Pharm.D., FPPAG, NREMT
Teresa Vo, Pharm.D., Assistant Professor, USF College of Pharmacy, Tampa, Fla.

2:00 p.m.–4:00 p.m. Oceanside D, Level 2

► **Risky Business: The Pharmacist’s Role in Population Health Management**

Planned in cooperation with the ASHP Section of Pharmacy Practice Managers

ACTIVITY #0204-0000-16-254-L04-P/0204-0000-16-254-L04-T
 2.00 CONTACT HOURS | APPLICATION-BASED
 EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair/Moderator: Scott J. Knoer, Pharm.D., M.S., FASHP, Chief Pharmacy Officer, Cleveland Clinic, Cleveland, Ohio

Learning Objectives:

- Define population health management (PHM).
- Identify the role of the pharmacy enterprise in providing PHM.
- Assess how to develop effective pharmacy-driven PHM initiatives.
- Analyze common pharmacy-based PHM hurdles and strategies to address them.

Presenters:

Felicity Homsted, Pharm.D., BCPS, Chief Pharmacy Officer, Penobscot Community Health Care, Bangor, Maine
Scott J. Knoer, Pharm.D., M.S., FASHP
Roger Wolf, Pharm.D., Administrative Director, Virginia Mason Medical Center, Seattle, Wash.

2:00 p.m.–4:00 p.m. Breakers C, Level 2

► **USP 800: Strategies for Compliance with Handling Hazardous Drugs**

ACTIVITY #0204-0000-16-255-L03-P/0204-0000-16-255-L03-T
 2.00 CONTACT HOURS | KNOWLEDGE-BASED
 EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair/Moderator: Patricia C. Kienle, R.Ph., M.P.A., FASHP, Director, Accreditation and Medication Safety, Cardinal Health, Laflin, Pa.

Learning Objectives:

- Identify the documents on which USP is based.
- Assess the key elements required by USP.
- Summarize the top three noncompliant work practices.
- Define the engineering controls required by USP.
- Describe elements that should be contained in a certification report.

Presenters:

Eric S. Kastango, R.Ph., MBA, FASHP, President and Chief Executive Officer, Clinical IQ, LLC, Madison, N.J.
Patricia C. Kienle, R.Ph., M.P.A., FASHP
James T. Wagner, Consultant, Controlled Environment Consulting, LLC, Hellertown, Pa.

2:00 p.m.–4:00 p.m. Mandalay Bay F, Level 2

► **Clinical Pearls 2016**

Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists

ACTIVITY #0204-0000-16-257-L01-P
 2.00 CONTACT HOURS | KNOWLEDGE-BASED
 EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair: Audrey Kennedy, Pharm.D., BCPS, Clinical Safety Officer, Children’s Mercy Kansas City, Kansas City, Mo.
Moderator: Bruce R. Canaday, Pharm.D., FAPhA, FASHP, Dean, St. Louis College of Pharmacy, St. Louis, Mo.

Learning Objectives:

- Discuss three clinical scenarios that might not be widely known or published.
- Identify novel clinical practice options for patient care in various health-system settings.
- Describe medication management strategies in difficult or controversial patient care situations.
- Identify clinical information that can be applied to your work setting.

Presentations:

Ouch! An Update on Pediatric Immunizations
Kyana D. Stewart, Pharm.D., M.S., BCPS, Senior Clinical Pharmacist, Pediatric Infectious Disease, Children’s Health, Children’s Medical Center Dallas, Dallas, Texas

continues >

Educational Sessions **Tuesday, December 6** continued

The Presence of a Clot is Not So Hot: Novel Therapies for the Treatment of Ventricular Assist Device Thrombosis

Nichole Melody, Pharm.D., B.S., BCPS, Cardiac Surgery ICU Pharmacist, Northwestern Memorial Hospital, Chicago, Ill.

CINV: Can I never vomit?...Novel Agents to Prevent Chemotherapy-Induced Nausea and Vomiting

Caitlin Bowman, Pharm.D., BCOP, Clinical Team Lead Oncology Pharmacist, Northwestern Memorial Hospital, Chicago, Ill.

RSV: It's Not All About the Virus!

Kim W. Benner, Pharm.D., BCPS, FASHP, FPPAG, Professor of Pharmacy Practice/Pediatric Clinical Specialist, Samford University McWhorter School of Pharmacy, Birmingham, Ala.

Optimization of Lab Display on the Epic Order Verification Screen

Stephanie Burton, Pharm.D., BCPS, Clinical Specialist, Emergency Medicine, Saint Luke's Hospital of Kansas City, Kansas City, Mo.

How Soon is Too Soon? Anticoagulation Therapy in Acute Cardioembolic Stroke

Jessica Starr, Pharm.D., BCPS, FCCP, Associate Clinical Professor, Auburn University, Birmingham, Ala.

The Big Three in HPV: Review of the Efficacy and Available Products of the Human Papilloma Virus Vaccines

Laura Alwan, Pharm.D., BCOP, Clinical Pharmacist, Oncology, University of Washington Medical Center/Seattle Cancer Care Alliance, Seattle, Wash.

No (IV) Line? Still Feelin' Fine! Pain Management in a Ski Town

Erin M. Lingenfelter, Pharm.D., Clinical Pharmacist-Emergency Medicine/Critical Care, University of Utah Health Care, Salt Lake City, Utah

The High Pressure Snooze: Dosing Antihypertensive at Bedtime

Karen J. McConnell, Pharm.D., BCPS-AQ Cardiology, FCCP, Clinical Director, Cardinal Health, Castle Rock, Colo.; Clinical Associate Professor, University of Colorado School of Pharmacy, Aurora, Colo.

Acetaminophen Absorption Test in the ICU: What Can We Take In?

James F. Gilmore, IV, Pharm.D., BCCCP, BCPS, Senior Pharmacist, Brigham and Women's Hospital, Boston, Mass.

Management of Post-Operative Atrial Fibrillation

William L. Baker, Pharm.D., FACC, FCCP, Assistant Professor, University of Connecticut School of Pharmacy, Storrs, Conn.

When the Hammer and Wrench Won't Cut It: A No-Cost Pediatric Drug Information Toolkit for Pharmacists

Michelle Bloss, Pharm.D., BCPS, Clinical Pharmacist, Childrens Mercy Hospital, Kansas City, Mo.

Culture Follow-up for the Discharged ED Patient

Nicole M. Acquisto, Pharm.D., BCPS, Emergency Medicine Clinical Pharmacy Specialist, University of Rochester Medical Center; Assistant Professor, Department of Emergency Medicine, University of Rochester, Rochester, N.Y.

Nitrofurantoin and CrCl: How Low is Too Low?

Tadd Hellwig, Pharm.D., BCPS, Associate Professor, South Dakota State University College of Pharmacy; Clinical Pharmacist, Sanford USD Medical Center, Sioux Falls, S.D.

Weighing Alteplase Dosing Decisions: Estimated vs. Actual

Dustin Spencer, Pharm.D., BCPS, Clinical Director, Cardiopulmonary Diseases, Cardinal Health, Indianapolis, Ind.

Metformin and Dolutegravir: A Bittersweet Interaction

Bhavik M. Shah, Pharm.D., AAHIVP, BCPS, Associate Professor of Pharmacy Practice, Jefferson College of Pharmacy, Philadelphia, Pa.

Say Yes to the Dress: Infection Control in Cystic Fibrosis

Kimberly J. Novak, Pharm.D., BCPPS, BCPS, Advanced Patient Care Pharmacist – Pediatric and Adult Cystic Fibrosis, Nationwide Children's Hospital, Columbus, Ohio

Isoproterenol in the EP Lab: Ablation Challenge vs. Budget Challenge

Sarah Bush, Pharm.D., BCPS, Pharmacy Manager, Trident Medical Center, Charleston, S.C.

Practice Challenges With Biosimilars

Brandon Shank, Pharm.D., BCOP, Clinical Pharmacy Specialist, The University of Texas MD Anderson Cancer Center, Houston, Texas

2:45 p.m.–3:15 p.m.

South Seas D, Level 3

(Management Case Study) Lessons Learned on a Pharmacy Leadership Reorganization Journey

ACTIVITY #0204-0000-16-360-L04-P/0204-0000-16-360-L04-T

0.50 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: GENERAL INTEREST

Learning Objectives:

- Identify a pharmacy organizational structure that promotes standardized and consistent pharmacy services across the enterprise.
- Describe the importance of leader visibility to be an effective leader and support frontline staff.
- Outline tactics to increase trust and establish rapport between leaders and frontline staff.

Presenters:

Brandon Ordway, Pharm.D., M.S., Director of Pharmacy, HealthEast Care System, Saint Paul, Minn.

Leah Frantzen, Pharm.D., BCPS, Clinical Pharmacy Manager, HealthEast Care System, Saint Paul, Minn.



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3:30 p.m.–4:00 p.m.

South Seas D, Level 3

▶ (Management Case Study) Navigating Pharmacy's Relationship with the Hospital Supply Chain

ACTIVITY #0204-0000-16-361-L04-P/0204-0000-16-361-L04-T
0.50 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Learning Objectives:

- Describe three roles the supply chain can play in pharmaceutical supply decisions.
- Discuss differences between pharmaceuticals and medical supplies from a business and regulatory perspective.
- Describe what metrics the supply chain may use to track project success.

Presenters:

Susan Samet, Pharm.D., Director, Clinical Operations, Cardinal Health, St. Louis, Mo.
Michael Schroeder, MBA, Director of Supply Utilization, BJC HealthCare, St. Louis, Mo.

3:30 p.m.–5:00 p.m.

Mandalay Bay H, Level 2

▶ Patient Assessments in Heart Failure: New Opportunities for Pharmacists

Planned in cooperation with the ASHP Section of Ambulatory Care Practitioners

ACTIVITY #0204-0000-16-258-L01-P
1.50 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: ADVANCED

Program Chair/Moderator: Amber Lanae Smith, Pharm.D., BCPS, Assistant Clinical Professor, Wayne State University; Ambulatory Care Specialist, Henry Ford Hospital, Detroit, Mich.

Learning Objectives:

- Compare and contrast patient assessment tools studied in the literature.
- Evaluate the therapeutic options for the treatment of heart failure.
- Develop a medication regimen that reflects the application of the best evidence and provides cost considerations.
- Outline a pharmacist-run heart failure service that incorporates the patient assessment tools studied in the literature.

Presenters:

Barry Bleske, Pharm.D., FCCP, Chair and Professor, University of New Mexico, Albuquerque, N.M.
Lynette Moser, Pharm.D., Associate Professor (Clinical), Wayne State University, Detroit, Mich.
Benjamin Van Tassell, Pharm.D., Associate Professor of Pharmacotherapy, Virginia Commonwealth University, Richmond, Va.

3:45 p.m.–5:00 p.m.

Lagoon F, Level 2

▶ Make Them an Offer They Can't Refuse: A Novel Approach to a Pharmacy Intern Program

ACTIVITY #0204-0000-16-259-L04-P
1.25 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair/Moderator: Jennifer R. Hamner, Pharm.D., BCPPS, Manager of Professional Development, Children's Hospital Colorado, Aurora, Colo.

Learning Objectives:

- Recall the key components for establishing a mutually beneficial pharmacy intern program for both the intern and pharmacy administration.
- List the projects and tasks that can be effectively delegated to pharmacy interns to provide a mutual benefit for the intern and pharmacy administration.
- Assess the potential financial and administrative impact of having a mutually beneficial pharmacy intern program.

Presenters:

Casey R. Dugan, Pharm.D., MBA, Director of Pharmacy Services, Children's Hospital Colorado, Denver, Colo.
Jennifer R. Hamner, Pharm.D., BCPPS

Panelists:

Ferras Bashqoy, Pharm.D. Candidate 2017, Intern Pharmacist, Children's Hospital Colorado, Aurora, Colo.
Ada Z. Koch, Pharm.D., MBA, BCPS, Manager of Clinical Pharmacy Services, Children's Hospital Colorado, Aurora, Colo.
Sarah Newman, Pharm.D., Oncology Clinical Pharmacy Specialist, Nicklaus Children's Hospital – Miami Children's Health System, Miami, Fla.

4:00 p.m.–5:15 p.m.

Mandalay Bay J, Level 2

▶ Pharmacist-managed Transitions of Care: Monitoring and Documenting Continued Outpatient Parenteral Antimicrobial Therapy

Planned in cooperation with the ASHP Section of Pharmacy Informatics and Technology

ACTIVITY #0204-0000-16-264-L04-P
1.25 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair/Moderator: Kerry A. Goldrosen, Pharm.D., Clinical Pharmacist, UW Health, Madison, Wis.

Learning Objectives:

- Define outpatient parenteral antimicrobial therapy (OPAT) history, challenges, and risks.
- Recommend strategies to identify OPAT patients at risk for complications or readmission.
- Describe an OPAT transition, ambulatory pharmacy encounter, workflows, and documentation in an electronic health record (EHR).
- Define and evaluate patient care goals with regards to OPAT and broader ambulatory pharmacy monitoring programs.

Presenters:

Kerry A. Goldrosen, Pharm.D.
Jerame Hill, Pharm.D., M.S., Pharmacy Manager, Supply Chain, UW Health, Madison, Wis.
Julie Pawola, Pharm.D., Clinical Pharmacist, UW Health, Madison, Wis.

4:00 p.m.–5:15 p.m.

South Seas B, Level 3

▶ Heart Failure Advanced Therapeutic Approaches: Know When to Hold ‘Em and When to Fold ‘Em

Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists

ACTIVITY #0204-0000-16-266-L01-P
1.25 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: ADVANCED

Program Chair/Moderator: Joel C. Marrs, Pharm.D., ASH-CHC, BCACP, BCPS-AQ Cardiology, CLS, FASHP FCCP, FNLA, Associate Professor, University of Colorado Skaggs School of Pharmacy, Aurora, Colo.

Learning Objectives:

- Interpret clinical trial data with angiotensin receptor/nepri-lysin inhibitors (ARNIs) and ivabradine in heart failure with reduced ejection fraction.
- Interpret clinical trial data with spironolactone in heart fail-ure with preserved ejection fraction.
- Compare and contrast the new recommendations in the heart failure guidelines with previous guidelines.
- Recommend appropriate heart failure treatment regimens for patients with reduced and preserved ejection fractions.

Presenters:

Joel C. Marrs, Pharm.D., ASH-CHC, BCACP, BCPS-AQ Cardiology, CLS, FASHP FCCP, FNLA
Robert L. Page, II, Pharm.D., BCPS, CGP, FASCP, FAHA, FASHP, FCCP, FHFSA, MSPH, Professor, University of Colorado; Clinical Specialist, Division of Cardiology, Section of Advanced Heart Failure/Transplant, University of Colorado Hospital, Aurora, Colo.

4:15 p.m.–4:45 p.m.

South Seas D, Level 3

▶ (Management Case Study) Expediting the Standardization of Formulary in a Multi-Hospital Health System

ACTIVITY #0204-0000-16-362-L04-P
0.50 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Learning Objectives:

- Describe how a formulary review and therapeutic interchange process can be rapidly developed in a multi-hospital system.
- Discuss how to incorporate layered learners into the formu-lary standardization process.
- Describe how to develop single therapeutic interchanges in a diverse health system.

Presenters:

Amanda Hays, Pharm.D., M.H.A., BCPS, CPHQ, System Pharmacy and Outcomes Manager, BJC HealthCare, St. Louis, Mo.
Susan Samet, Pharm.D., Director, Clinical Operations, Cardinal Health, St. Louis, Mo.
Jennifer Smith, Pharm.D., MBA, Clinical Pharmacy Manager, Barnes Jewish Hospital, St. Louis, Mo.

4:15 p.m.–5:15 p.m.

South Seas J, Level 3

▶ New Drugs in Opioid-Induced Constipation: How Much Is That Bowel Movement Gonna Cost You?

ACTIVITY #0204-0000-16-260-L01-P
1.00 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair/Moderator: Leah Sera, Pharm.D., BCPS, Assistant Professor, University of Maryland School of Pharmac, Rockville, Md.

Learning Objectives:

- Describe the scope and pathophysiology of opioid-induced constipation.
- Apply evidence-based practices in the approach to manag-ing opioid-induced constipation with older therapies.
- Apply evidence-based practices in the approach to justify appropriate use of targeted therapies.

Presenters:

Nina M. Bembem, Pharm.D., BCPS, Assistant Professor, University of Maryland School of Pharmacy, Baltimore, Md.
Leah Sera, Pharm.D., BCPS

4:15 p.m.–5:15 p.m.

Lagoon L, Level 2

▶ Emergence of Multidisciplinary Pulmonary Embolism Response Teams: Potential Role of the Pharmacist

ACTIVITY #0204-0000-16-261-L04-P
1.00 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: ADVANCED

Program Chair/Moderator: George A. Davis, Pharm.D., Anticoagulation Program Coordinator, University of Kentucky UK HealthCare; Associate Adjunct Professor, University of Kentucky College of Pharmacy, Lexington, Ky.

Learning Objectives:

- Justify the rationale and background for developing a multi-disciplinary Pulmonary Embolism Response Team (PERT).
- Describe the goals of the National PERT Consortium for advancing the care of patients with pulmonary embolism.
- Assess the potential role of a pharmacist on a PERT.

Presenters:

George A. Davis, Pharm.D.
Rachel P. Rosovsky, M.D., Physician, Massachusetts General Hospital, Boston, Mass.

4:15 p.m.–5:15 p.m.

South Seas F, Level 3

▶ PrEPping for Prevention: Engaging Pharmacists in HIV Prevention Strategies

Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists

ACTIVITY #0204-0000-16-262-L02-P
1.00 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: ADVANCED

Program Chair/Moderator: Melody L. Berg, Pharm.D., M.P.H., AAHIVP, BCPS-AQ ID, Senior Clinical Content Specialist, Wolters Kluwer Health, Indianapolis, Ind.

Learning Objectives:

- Evaluate use of tenofovir/emtricitabine for pre-exposure prophylaxis for appropriate candidates and identify available resources to help patient with procurement of medication.
- Design an effective post-exposure prophylaxis regimen for your organization that includes an effective antiretroviral regimen that limits barriers to medication procurement and ensures appropriate follow-up care and testing.
- Justify guideline concordant intrapartum and postpartum antiretroviral regimens to prevent perinatal transmission of HIV from an HIV-infected mother to a fetus.

Presenters:

Melody L. Berg, Pharm.D., M.P.H., AAHIVP, BCPS-AQ ID
Eric K. Farmer, Pharm.D., AAHIVP, BCPS, HIV Clinical Pharmacist, Indiana University Health, Indianapolis, Ind.

4:15 p.m.–5:15 p.m.

Mandalay Bay L, Level 2

► Methadone: Refining and Defining Safety and Efficacy in Clinical Practice

ACTIVITY #0204-0000-16-265-L01-P

1.00 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair/Moderator: Mary Lynn McPherson, Pharm.D., M.A., BCPS, FASHP, Professor, and Executive Director of Advanced Post-Graduate Education in Palliative Care, University of Maryland School of Pharmacy, Baltimore, Md.; Hospice and Palliative Care Consultant Pharmacist

Learning Objectives:

- Given an actual or simulated patient case, design an evaluation plan to determine if methadone therapy is appropriate for the patient.
- Given an actual or simulated case of an opioid-naïve patient, calculate a starting dose of methadone.
- Given an actual or simulated case of an opioid-tolerant patient, calculate a starting dose of methadone.
- Given an actual or simulated patient receiving methadone, develop a monitoring plan to assess both therapeutic effectiveness and potential toxicity.

Presenters:

Mary Lynn McPherson, Pharm.D., M.A., BCPS, FASHP
Kathryn A. Walker, Pharm.D., BCPS, CPE, Senior Clinical Director of Palliative Care, MedStar Health; Associate Professor, University of Maryland School of Pharmacy, Baltimore, Md.

WEDNESDAY, DECEMBER 7

8:00 a.m.–8:30 a.m.

South Seas D, Level 3

► (Management Case Study) Antimicrobial Stewardship: Small Hospital Strategies

ACTIVITY #0204-0000-16-363-L04-P

0.50 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: GENERAL INTEREST

Learning Objectives:

- List elements necessary for successful stewardship program based on consensus guidelines.

- Describe two different approaches to development, implementation, and monitoring of stewardship programs in smaller hospitals with limited resources.
- Indicate strategies to report appropriate stewardship metrics.

Presenters:

Jennifer L. Richardson, Pharm.D., BCPS, CACP, Clinical Coordinator, Mercy Health St. Anne Hospital, Toledo, Ohio
Lauryl R. Hanf-Kristufek, Pharm.D., BCPS, CACP, Clinical Coordinator, Mercy Health St. Charles Hospital, Oregon, Ohio

8:00 a.m.–9:30 a.m.

Lagoon F, Level 2

► Results from the 2016 ASHP National Survey: The Current State of Pharmacy Practice in Hospitals

ACTIVITY #0204-0000-16-268-L04-P/0204-0000-16-268-L04-T

1.50 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair/Moderator: Douglas Scheckelhoff, M.S., FASHP, Senior Vice President, ASHP, Bethesda, Md.

Learning Objectives:

- Describe how the ASHP National Survey results can be used to effect change in your organization.
- List the most significant practice trends identified in the 2016 ASHP National Survey.
- Describe how practice trends deviate from established best practices.

Presenters:

Craig A. Pedersen, R.Ph., Ph.D., FAPhA, Manager, Virginia Mason Medical Center, Seattle, Wash.
Douglas Scheckelhoff, M.S., FASHP
Philip J. Schneider, M.S., FASHP, Professor and Associate Dean, University of Arizona College of Pharmacy; Professor of Practice in Medicine, Department of Biomedical Informatics, University of Arizona College of Medicine – Phoenix; Professor, Mel and Enid Zuckerman College of Public Health, University of Arizona, Phoenix, Ariz.

8:00 a.m.–9:30 a.m.

South Seas J, Level 3

► Basics of GI Access and Clogged Access Devices

ACTIVITY #0204-0000-16-269-L04-P

1.50 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair/Moderator: Carol J. Rollins, Pharm.D., M.S., FASHP, Clinical Professor, College of Pharmacy, University of Arizona, Tucson, Ariz.

Learning Objectives:

- Determine the difference between an NG, PEG, and G-tube with regard to medication administration.
- Discuss factors that contribute to clogging of enteral access devices, including medications that are prone to cause clogs.
- Evaluate options for unclogging an enteral access device and steps that may prevent a recurrence of clogs.

Presenters:

Carol J. Rollins, Pharm.D., M.S., FASHP
Amber J. Verdell, Pharm.D., BCNSP, BCPS, Assistant Professor, Pharmacy Practice, West Coast University School of Pharmacy, Los Angeles, Calif.

Educational Sessions **Wednesday, December 7** continued

8:00 a.m.–9:30 a.m.

Mandalay Bay L, Level 2

▶ **Fitting into Our Genes: Demystifying Pharmacogenomic Tests Using Online Databases**

ACTIVITY #0204-0000-16-270-L01-P
1.50 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: ADVANCED

Learning Objectives:

- Describe mechanisms of medication interactions and efficacy related to pharmacogenomic variations.
- Contrast and compare various online pharmacogenomics databases.
- Discuss the role of ABC transporters in drug resistance, metabolism, and toxicity.
- Design a medication regimen based on pharmacogenomic test results.

Presenter:

Edward E. Grace, Pharm.D., AAHIVP, BCPS-AQ ID, Vice-Chair and Associate Professor, Clinical & Administrative Sciences Department, Notre Dame of Maryland University, School of Pharmacy, Baltimore, Md.

8:00 a.m.–9:30 a.m.

Mandalay Bay D, Level 2

▶ **Propelling Resident Research Projects into the Center Ring**

ACTIVITY #0204-0000-16-272-L04-P
1.50 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair/Moderator: Tadd Hellwig, Pharm.D., BCPS, Associate Professor, South Dakota State University College of Pharmacy; Clinical Pharmacist, Sanford USD Medical Center, Sioux Falls, S.D.

Learning Objectives:

- Discuss ASHP standards related to residency projects.
- Describe a flipped residency project model.
- Choose residency projects that enhance pharmacy services.
- Develop a mechanism to increase the quality and rate of resident research projects submitted to peer-reviewed journals.

Mallory L. Accursi, Pharm.D., BCACP, Clinical Pharmacy Specialist, Chalmers P. Wylie Veterans Affairs Ambulatory Care Center, Columbus, Ohio

Stephen Eckel, Pharm.D., M.H.A., BCPS, Clinical Associate Professor, UNC Eshelman School of Pharmacy; Associate Director of Pharmacy, UNC Hospitals, Chapel Hill, N.C.

Daniel Witt, Pharm.D., BCPS, FCCP, Professor (Clinical) and Vice Chair, Department of Pharmacotherapy, University of Utah College of Pharmacy, Salt Lake City, Utah

8:00 a.m.–9:30 a.m.

Mandalay Bay J, Level 2

▶ **Asking the Right Questions: Preventing Technology Adoption and Implementation Blunders**

Planned in cooperation with the ASHP Section of Pharmacy Practice Managers

ACTIVITY #0204-0000-16-274-L04-P/0204-0000-16-274-L04-T
1.50 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair/Moderator: Anthony Carmine Colavecchia, Pharm.D., M.S., BCPS, Administrative Specialist, Houston Methodist Hospital, Houston, Texas

Learning Objectives:

- List three strategies to ensure successful integration of technology in operations.
- Identify common unintended consequences of technology implementation.
- Design a systematic process to assess technology before implementation.

Presenters:

Caryn D. Belisle, R.Ph., MBA, Brigham and Women's Hospital, Boston, Mass.

Samuel Calabrese, B.S.Pharm., MBA, FASHP, Associate Chief Pharmacy Officer, Cleveland Clinic, Cleveland, Ohio

Doina Dumitru, Pharm.D., MBA, FASHP, Director, Professional Services, BD, Houston, Texas

8:00 a.m.–9:30 a.m.

Breakers C, Level 2

▶ **Prevention and Management of Drug-Induced QT Interval Prolongation and Torsades de Pointes: Essential Tips for Pharmacists**

ACTIVITY #0204-0000-16-279-L01-P
1.50 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: ADVANCED

Program Chair/Moderator: James E. Tisdale, Pharm.D., B.Sc., BCPS, FAHA, FAPhA, FCCP, Professor, Purdue University; Adjunct Professor, Indiana University, Indianapolis, Ind.

Learning Objectives:

- Describe causes and risk factors for drug-induced QT interval prolongation and torsades de pointes (TdP) and their contribution to the occurrence of TdP.
- Describe how this arrhythmia could have been prevented in a patient with drug-induced torsades de pointes.
- Develop a patient-specific treatment regimen for a patient with drug-induced torsades de pointes.

Presenters:

James E. Tisdale, Pharm.D., B.Sc., BCPS, FAHA, FAPhA, FCCP
Katy E. Trinkley, Pharm.D., BCAP, Assistant Professor, University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences; Assistant Professor, University of Colorado School of Medicine, Aurora, Colo.

► Emergency Medicine Pearls 2016

Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists

ACTIVITY #0204-0000-16-275-L01-P

1.75 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair/Moderator: Bryan D. Hayes, Pharm.D., DABAT, FAACT, Clinical Pharmacist, Emergency Medicine and Toxicology, Massachusetts General Hospital; Assistant Professor of Emergency Medicine, Harvard Medical School, Boston, Mass.

Learning Objectives:

- Discuss clinical practice in the Emergency Department.
- Explain applications of clinical pharmacotherapy in the Emergency Department.
- Discuss how to apply clinical pharmacotherapy to unique circumstances and clinical presentations.

Presentations:

Carbapenems for Valproate Overdose

Colgan T. Sloan, Pharm.D., BCPS, Clinical Pharmacy Specialist – Emergency Medicine, University of Utah Health Care, Salt Lake City, Utah

Laboratory Monitoring of TSOACs

Emily Kilber, Pharm.D., PGY2 Emergency Medicine Pharmacy Resident, The University of Arizona, Tucson, Ariz.

Ketamine in EtOH Withdrawal

Linda H. Barstow, Pharm.D., Emergency Medicine Pharmacy Resident, University of Maryland Medical Center, Baltimore, Md.

Peripheral Vasopressors

Matt Bilhimer, Pharm.D., Emergency Medicine Pharmacy Specialist, Salina Regional Health Center, Salina, Kan.

ECMO in the ED

Giles W. Slocum, Pharm.D., PGY2 Pharmacy Resident, Emergency Medicine, University of Rochester Medical Center, Rochester, N.Y.

Tips to Manage Stress and Burnout in the ED

Patrick Bridgeman, Pharm.D., BCPS, Clinical Assistant Professor, Ernest Mario School of Pharmacy, Piscataway, N.J.; Clinical Pharmacy Specialist – Emergency Medicine, Robert Wood Johnson University Hospital, New Brunswick, N.J.

Hydroxocobalamin and Lab Interference

Hina Patel, Pharm.D., BCPS, PGY1 Pharmacy Residency Program Director, NorthShore University HealthSystem, Evanston, Ill.

Loperamide Toxicity

Colleen Martin, Pharm.D., BCPS, Clinical Pharmacist, Emergency Medicine, Nyack Hospital, Nyack, N.Y.

“Give Me Some Suga’!!!” — The Appropriate Use of Sugammadex in the ED and Its Added Value

Jenny Koehl, Pharm.D., PGY2 Emergency Medicine Resident, UW Health, Madison, Wis.

The Use of IV Olanzapine

Greta Astrup, Pharm.D., PGY2 Emergency Medicine Pharmacy Resident, University of New Mexico Hospital, Albuquerque, N.M.

Sux in TBI

Juliana Zschoche, Pharm.D., Emergency Medicine Clinical Pharmacy Specialist, The Johns Hopkins Hospital, Baltimore, Md.

New TPA Contraindications

Emily Pavich, Pharm.D., Emergency Medicine Clinical Pharmacist, IU Health Bloomington, Bloomington, Ind.

Fosfomycin

Ashley Niemczyk, Pharm.D., BCPS, Emergency Medicine Clinical Pharmacist, Fairview Ridges Hospital, Burnsville, Minn.

Fibrinolytics in Pregnancy

Eric J. Kanouse, Pharm.D., Emergency Medicine Clinical Staff Pharmacist, University of Rochester Medical Center; Pharmacy Informatics, University of Rochester Medical Center, Rochester, N.Y.

Capsaicin for Marijuana-Induced CVS

Daniel Paley, Pharm.D., Clinical Pharmacist, Mercy Hospital – part of Allina Health, Coon Rapids, Minn.

► Data and Dollars: 2017 Updates for Financial Success

Planned in cooperation with the ASHP Section of Pharmacy Practice Managers

ACTIVITY #0204-0000-16-277-L04-P/0204-0000-16-277-L04-T

1.75 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair/Moderator: Bonnie Kirschenbaum, M.S., B.S., FASHP, FCSHP, Consultant and Columnist, Boulder, Colo.

Learning Objectives:

- Explain 2017 changes to Medicare reimbursement and identify operational changes required to implement them. (P&T)
- Describe three Medicare reimbursement challenges and complexities in your practice setting. (P&T)
- List the compliance requirements for Medicare and how they apply to the 2017 changes to Outpatient Prospective Payment Systems (OPPS). (P&T)
- Describe the role of pharmacy leaders in educating their health systems on the impact of OPPS changes, including bundled payments. (P&T)
- Synthesize a basis for new practitioners and clinicians to understand the financial aspect of healthcare, a topic not often covered during their formative training. (P only)

Presenters:

Bonnie Kirschenbaum, M.S., B.S., FASHP, FCSHP

Beth Roberts, Partner, Hogan Lovells US LLP, Washington, D.C.

Educational Sessions **Wednesday, December 7** continued

8:00 a.m.–9:45 a.m.

South Seas F, Level 3

▶ **Jackpot! Integration of Information Technology and Antimicrobial Stewardship**

ACTIVITY #0204-0000-16-278-L04-P
1.75 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair: Riane Ghamrawi, Pharm.D., BCPS, Clinical Pharmacist Specialist, Antimicrobial Stewardship, University Hospitals Case Medical Center, Cleveland, Ohio

Moderator: LeAnne Moore, Pharm.D., BCPS, Clinical Pharmacist Specialist, Rainbow Babies & Children's Hospital, Cleveland, Ohio

Learning Objectives:

- Explain the importance of informational technology in antimicrobial stewardship programs.
- Evaluate three ways to integrate information technology into antimicrobial stewardship programs.
- Describe methods of measuring antimicrobial stewardship outcomes using information technology.

Presenters:

Riane Ghamrawi, Pharm.D., BCPS

LeAnne Moore, Pharm.D., BCPS

Sharanie Sims, Pharm.D., BCPS-AQ ID, Infectious Diseases Clinical Pharmacy Specialist, Cleveland VA Medical Center, Cleveland, Ohio

8:00 a.m.–9:45 a.m.

Oceanside A, Level 2

▶ **Feedback Landscape: The Artistry of Giving and Receiving Effective Feedback**

ACTIVITY #0204-0000-16-280-L04-P/0204-0000-16-280-L04-T
1.75 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair/Moderator: Seena L. Haines, Pharm.D., BCACP, BC-ADM, CDE, FAPhA, FASHP, Professor and Chair Department of Pharmacy Practice, University of Mississippi School of Pharmacy, Jackson, Miss.

Learning Objectives:

- Describe qualities that characterize Generation Y and Z students and resident learners.
- Compare strategies that help foster effective preceptor-learner experiences.
- Analyze factors that contribute to ineffective feedback.
- Compose formative and summative feedback responses for challenging precepting scenarios.

Presenters:

Seena L. Haines, Pharm.D., BCACP, BC-ADM, CDE, FAPhA, FASHP

Jenny A. VanAmburgh, Pharm.D., BCACP, CDE, FAPhA, Clinical Professor/Assistant Dean for Academic Affairs/Residency Program Director PGY1, Northeastern University—School of Pharmacy, Boston, Mass.; Clinical Pharmacist, Harbor Health Services, Inc., Dorchester, Mass.

8:00 a.m.–9:45 a.m.

South Seas B, Level 3

▶ **An ISMP Update for 2017**

Planned in cooperation with the Institute for Safe Medication Practices

ACTIVITY #0204-0000-16-282-L05-P/0204-0000-16-282-L05-T
1.75 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair: Darryl S. Rich, Pharm.D., MBA, FASHP, Medication Safety Specialist, Institute for Safe Medication Practices, Horsham, Pa.

Moderator: Michael Cohen, R.Ph., Sc.D. (Hon.), D.P.S. (Hon.), M.S., FASHP, President, Institute for Safe Medication Practices, Horsham, Pa.

Learning Objectives:

- Identify the top five most important medication safety issues reported to the Institute for Safe Medication Practices (ISMP) in the past 12 months.
- Describe at least two effective strategies to reduce medication errors related to each of these medication safety issues.
- Review the changes to the ISMP Guidelines for the Safe Preparation of Sterile Compounds.
- List key elements of the new ISMP Guidelines on the Safe Use of Subcutaneous Insulin Across the Continuum of Care.

Presenters:

Christina Michalek, R.Ph., B.S., FASHP, Medication Safety Specialist, Institute for Safe Medication Practices, Horsham, Pa.

Darryl S. Rich, Pharm.D., MBA, FASHP

8:00 a.m.–9:45 a.m.

Oceanside C, Level 2

▶ **Contemporary Considerations: Cutting-Edge Advances in Vancomycin Therapy**

ACTIVITY #0204-0000-16-292-L01-P
1.75 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: ADVANCED

Program Chair/Moderator: Marc H. Scheetz, Pharm.D., M.S., BCPS-AQ ID, Associate Professor, Midwestern University, Downers Grove, Ill.; Infectious Diseases Pharmacist, Northwestern Medicine, Chicago, Ill.

Learning Objectives:

- Assess the rationale and limitations of vancomycin dosing on body weight through selected case scenarios.
- Appraise the “Updates to Vancomycin Pharmacokinetic and Pharmacodynamics” and efficacy.
- Evaluate the literature and research related to vancomycin nephrotoxicity.
- Contrast the clinical research for the role of vancomycin in the treatment of Gram-positive organisms compared to other therapies.

Presenters:

Thomas Lodise, Pharm.D., Ph.D., Professor, Albany College of Pharmacy and Health Sciences, Albany, N.Y.

Manjunath (Amit) Pai, Pharm.D., Associate Professor, College of Pharmacy, University of Michigan; Deputy Director PK Core Lab, College of Pharmacy, University of Michigan, Ann Arbor, Mich.

Michael J. Rybak, Pharm.D., M.P.H., FCCP, Pharmacy Faculty, Wayne State University, Detroit, Mich.

Marc H. Scheetz, Pharm.D., M.S., BCPS-AQ ID

See page 134 for presenter disclosures.

▶ Spotlight on Science

10:00 a.m.–11:00 a.m.

Mandalay Bay H, Level 2

▶ Precision Medicine — Using Big Data to Predict Drug Response and Optimize Care

ACTIVITY #0204-0000-16-350-L04-P

0.75 CONTACT HOURS | KNOWLEDGE-BASED

Educational Level: General Interest

Learning Objectives:

- Describe non-traditional sources of information related to drug response in precision medicine.
- Discuss how precision medicine uses new data sources to optimize use of the medications.
- Summarize how pharmacists may play an important role in precision medicine.

Featured Presenter:

Russ B. Altman, M.D., Ph.D., Kenneth Fong Professor and Professor of Bioengineering, of Genetics, of Medicine (General Medical Discipline), of Biomedical Data Science and, by courtesy, of Computer Science, Stanford University, Stanford, Calif.

For more information, see page 34.

8:30 a.m.–9:30 a.m.

Mandalay Bay B, Level 2

▶ Piecing Together the Pharmacotherapy Puzzle for Children with Autism Spectrum Disorder

ACTIVITY #0204-0000-16-273-L01-P

1.00 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: ADVANCED

Recertification credit for: **BCPPS**

Learning Objectives:

- Design a medication regimen and monitoring plan for a pediatric patient with autism who presents with irritability.
- Make recommendations for the use and monitoring of stimulant drug therapy in a pediatric patient with attention-deficit hyperactivity disorder and inattention.
- Make recommendations for the use and monitoring of selective serotonin reuptake inhibitor therapy for depressive symptoms or repetitive behaviors in a pediatric patient with autism.

Presenter:

Jennifer A. Donaldson, Pharm.D., BCPPS, Clinical Pharmacist Specialist, Riley Hospital for Children at Indiana University Health, Indianapolis, Ind.

For more information, see page 36.

8:30 a.m.–9:45 a.m.

Lagoon L, Level 2

▶ Caring for Transgender Patients: Considerations for Pharmacists

ACTIVITY #0204-0000-16-271-L01-P

1.25 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: GENERAL INTEREST

Learning Objectives:

- Define transgender and other related and often confused terms.
- Describe pharmacotherapy considerations for transitioning transgender patients.
- Discuss considerations all pharmacists should think about while providing care for their transgender patients.

Presenter:

Bryan M. Bishop, Pharm.D., BCPS, Assistant Professor, University of Toledo, Toledo, Ohio

8:45 a.m.–9:15 a.m.

South Seas D, Level 3

▶ (Management Case Study) Establishing Pharmacy Participation in Antimicrobial Stewardship Program in a Large Academic Medical Center: One Year Experience

ACTIVITY #0204-0000-16-364-L04-P

0.50 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: GENERAL INTEREST

Learning Objectives:

- Describe the process of integration of all pharmacists into antimicrobial stewardship program (ASP) at levels based on the participation in patient care.
- Review how interventions were structured and used as a process measure.
- Report changes in antimicrobial use as an outcome measure.

Presenters:

Yanina Dubrovskaya, Pharm.D., BCPS-AQ ID, Pharmacy Clinical Manager, Infectious Diseases, NYU Langone Medical Center, New York, N.Y.

Marco R. Scipione, Pharm.D., BCPS-AQ ID, Clinical Pharmacotherapy Specialist, Infectious Diseases, NYU Langone Medical Center, New York, N.Y.

Justin Siegfried, Pharm.D., Clinical Pharmacotherapy Specialist, Infectious Diseases, NYU Langone Medical Center, New York, N.Y.

CE PROCESSING REMINDER

All attendees must claim their CE credits online within 60 days of the sessions they attended.

2:00 p.m.–2:30 p.m. South Seas D, Level 3

▶ (Management Case Study) Practice Model Transformation Across a National Health System

ACTIVITY #0204-0000-16-365-L04-P/0204-0000-16-365-L04-T
0.50 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Learning Objectives:

- Describe how to use rapid design and change management techniques to facilitate the development of a timeline and milestones for practice model transformation.
- Describe how to develop and track key performance indicators using a dashboard.
- Review the learnings from rapid design, change management, and use of a dashboard to develop a timeline for your organization for practice model transformation.

Presenters:

Lynn Eschenbacher, Pharm.D., MBA, FASHP, National Director of Pharmacy Operations, The Resource Group/Ascension, St. Louis, Mo.

Tony Antonopoulos, Pharm.D., MBA, Executive Director Pharmacy Services, St. Vincent Indianapolis, Indianapolis, Ind.

2:00 p.m.–3:15 p.m. Oceanside A, Level 2

▶ Focus on Neuromuscular Blocking Agents: New SCCM Guidelines

Planned in cooperation with the Society of Critical Care Medicine

ACTIVITY #0204-0000-16-383-L01-P
1.25 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: ADVANCED

Learning Objectives:

- Given a description of a specific patient, develop a strategy for assessing the grade of recommendation and level of evidence associated with the implementation of neuromuscular blockade.
- Given a description of a patient, develop a neuromuscular blocking agent regimen that reflects application of the best evidence and current guidelines.

Presenter:

Brian L. Erstad, Pharm.D., BCPS, FASHP, FCCP, MCCM, Professor and Head, University of Arizona, Tucson, Ariz.

2:00 p.m.–3:30 p.m. Lagoon F, Level 2

▶ Improving Care Transitions: Pharmacy-led Models

Planned in cooperation with the ASHP Section of Pharmacy Practice Managers

ACTIVITY #0204-0000-16-276-L04-P/0204-0000-16-276-L04-T
1.50 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair/Moderator: Cynthia Williams, B.S.Pharm., FASHP, Vice President/Chief Pharmacy Officer, Riverside Health System, Newport News, Va.

Learning Objectives:

- Summarize key practices demonstrated to improve transitions of care.
- Identify opportunities to apply models of layered learning in the improvement of care transitions.
- Define specific interventions that can be incorporated into existing pharmacy workflow at your organization and that can lead to improved care transitions.

Presenters:

Kathy Koehl, Pharm.D., BCNSP, BCPS, System Director, Clinical Pharmacy Services, Riverside Health System, Newport News, Va.

Donna D. Luong, Pharm.D., Medication Safety/Transitions of Care Pharmacy Supervisor, Cedars-Sinai Medical Center, Los Angeles, Calif.

Cynthia Williams, B.S.Pharm., FASHP

2:00 p.m.–3:30 p.m. Oceanside B, Level 2

▶ Maximizing Your Leadership Potential: Getting the Right Woman in Charge

ACTIVITY #0204-0000-16-288-L04-P/0204-0000-16-288-L04-T
1.50 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair/Moderator: Jaclyn A. Boyle, Pharm.D., M.S., MBA, BCPS, Assistant Professor for Community Pharmacy Innovation, Northeast Ohio Medical University; Innovations Pharmacist, Pharmacy Innovations, LLC, Rootstown, Ohio

Learning Objectives:

- Explain the business case behind supporting women in pharmacy leadership.
- Compare and contrast mentorship versus sponsorship.
- Evaluate differences between female and male communication styles.

Presenters:

Lisa Deal, Pharm.D., R.N., BSN, BCPS, Pharmacy Clinical Specialist, Beebe Medical Center, Lewes, Del.

Sharon Murphy Enright, B.S.Pharm., MBA, President, EnvisionChange LLC, Atlanta, Ga.

Panelists:

Nishaminy Kasbekar, Pharm.D., B.S., FASHP, Corporate Director of Pharmacy, University of Pennsylvania Health System, Philadelphia, Pa.

Michael F. Powell, M.S., B.S., FASHP, Executive Director, Pharmacy & Nutrition Services, Nebraska Medicine; Associate Dean, Hospital Affairs, UNMC College of Pharmacy, Omaha, Neb.

Sara J. White, M.S., B.S., FASHP, (Ret.) Director of Pharmacy, Stanford Hospital and Clinics, Palo Alto, Calif.

2:00 p.m.–3:30 p.m.

South Seas F, Level 3

▶ **Optimizing Experiential Student and Resident Layered-Learning: Advancing Clinical Services and Preceptor Development**

ACTIVITY #0204-0000-16-290-L04-P/0204-0000-16-290-L04-T

1.50 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair/Moderator: Brian Dale Buck, Pharm.D., FASHP, Clinical Associate Professor, University of Georgia College of Pharmacy, Athens, Ga.

Learning Objectives:

- Compare the benefits and barriers to incorporating experiential students as pharmacist extenders.
- Construct a framework for effectively incorporating students into the practice setting.
- Design experiential training activities to optimize student and resident learning as well as clinical services.

Presenters:

Brian Dale Buck, Pharm.D., FASHP

Bruce M. Jones, Pharm.D., BCPS, Infectious Diseases Clinical Pharmacy Specialist, St. Joseph's/Candler Health System; Clinical Adjunct Assistant Professor, University of Georgia College of Pharmacy, Savannah, Ga.

Hal Richards, Pharm.D., BCNSP, Clinical Pharmacy Specialist Critical Care Medicine, St. Joseph's/Candler Health System; Assistant Clinical Professor, The University of Georgia College of Pharmacy, Savannah, Ga.

2:00 p.m.–3:30 p.m.

Oceanside C, Level 2

▶ **Update on the Management of Pain, Agitation, and Delirium in the ICU**

Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists

ACTIVITY #0204-0000-16-295-L01-P

1.50 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: ADVANCED

Recertification credit for: BCCCP

Program Chair/Moderator: Kevin E. Anger, Pharm.D., BCPS, Manager Investigational Drug Services, Brigham and Women's Hospital, Boston, Mass.

Learning Objectives:

- Describe recent literature on the management of pain, agitation, and delirium in the intensive care unit.
- Apply key concepts in the selection of sedatives, analgesics, and antipsychotic agents in critically ill patients.
- Recommend methods to overcome key barriers to optimizing pain, sedation, and delirium pharmacotherapy in critically ill patients.

Presenters:

Kevin E. Anger, Pharm.D., BCPS

Gilles Fraser, Pharm.D., MCCM, Clinical Specialist in Critical Care, Maine Medical Center, Portland, Maine; Professor of Medicine, Tufts University School of Medicine, Boston, Mass.

Paul M. Szumita, Pharm.D., BCCCP, BCPS, FCCM, Clinical Pharmacy Practice Manager, Brigham and Women's Hospital; Director PGY2 Critical Care Pharmacy Residency, Brigham and Women's Hospital, Boston, Mass.

For more information, see page 36.

2:00 p.m.–3:45 p.m.

Oceanside D, Level 2

▶ **Informatics Pearls 2016: Bytes of Informatics**

Planned in cooperation with the ASHP Section of Pharmacy Informatics and Technology

ACTIVITY #0204-0000-16-291-L04-P/0204-0000-16-291-L04-T

1.75 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair: Sylvia Belford, Pharm.D., M.S., CPHIMS, Director – Continuum of Care, Mayo Clinic, Rochester, Minn.
Moderator: Karl F. Gumpfer, M.M.I., BCPS, FASHP, Pharmacy Informatics Manager, Boston Children's Hospital, Boston, Mass.

Learning Objectives:

- Identify how pharmacy informatics programs can be used in your organization to improve patient care.
- Describe one way an organization has made better use of its clinical information system and how it may be implemented in your organization.
- Compare various pharmacy informatics initiatives and how they improve the medication-use system.

Presentations:

Automating Medical Staff Credentialing and Privileging Pharmacist Documentation

Joel A. Hennenfent, Pharm.D., MBA, BCPS, FASHP, System Director of Pharmacy Services, Truman Medical Centers, Kansas City, Mo.

Beyond implementation — Evaluating Pharmacogenomics CYP2C19 Clopidogrel Clinical Decision Support Alerts

Rilwan Badamas, Pharm.D., CAHIMS, PGY2 Pharmacy Informatics Resident, Mayo Clinic, Rochester, Minn.

Using Lean in Workflow Design

David Aguero, Pharm.D., Manager, Pharmacy Operations and Technology, St. Jude Children's Research Hospital, Memphis, Tenn.

Antimicrobial Stewardship CDS in CPOE

Joshua Davis, Pharm.D., BCPS, Senior Director, Pharmacy Informatics, Community Health Systems, Franklin, Tenn.

Meropenem Desensitization Design for Computerized Physician Order Entry (CPOE)

Tanya O. Ezekiel, Pharm.D., BCPS, Clinical Informatics Pharmacist, Palmetto Health Richland, Columbia, S.C.

E-prescribing Sliding Scale Insulin: Can We Enhance the Process?

Hesham Mourad, Pharm.D., BCCCP, BCPS, CPHIMS, Pharmacy Informatics Team Leader, Mayo Clinic, Jacksonville, Fla.

Health-System Partnership with EHR to Establish Clinical Pharmacy Workflows and Document Pharmacy Value

Adrian J. Gonzales, Pharm.D., BCPS, Executive Director of Pharmacy Services, San Joaquin Community Hospital, Bakersfield, Calif.

continues >

Educational Sessions **Wednesday, December 7** continued

Mmm... Macros and Metrics Monitoring

Brian Le, Pharm.D., PGY-2 Pharmacy Informatics Resident, Hospital Sisters Health System, Belleville, Ill.

Pharmacy Informatics Competencies How to Know What You Need to Know

Erica A. Feinberg, Pharm.D., PGY2 Pharmacy Bioinformatics Resident, Hospital Corporation of America (HCA) and University of Tennessee, Nashville, Tenn.

Dose Standardization Approaches in Pediatrics and Oncology

Ryan Markham, Pharm.D., Informatics Pharmacist, Oregon Health & Science University, Portland, Ore.

Running the Red Light: Harm in Sight?

Adrian Wong, Pharm.D., BCCCP, BCPS, Fellow, Outcomes Research and Pharmacy Informatics, Brigham and Women's Hospital; Clinical Instructor, MCPHS University, Boston, Mass.

Using Passive CDS to Reduce Alert Fatigue with DDIs

Raymond C. Chan, Pharm.D., Pharmacy IS Specialist, Sentara Healthcare, Virginia Beach, Va.

Smart Order Set Development for Oral Pulmonary Hypertension Medications With Risk Evaluation and Mitigation Strategies (REMS) With Elements-to-Assure-Safe-Use (ETASU) Requirements

Joseph T. Moss, Jr., Pharm.D., MBA, System Pharmacy Informatics Officer, University Hospitals of Cleveland, Cleveland, Ohio

Decoding the Mysteries of Smart Pump Library Updates

Asha Kalichira, Pharm.D., M.S., PGY2 Pharmacy Informatics Resident, Aurora Health Care, Milwaukee, Wis.

CPOE Medication Order Verification Efficiency: STAT and All of That

Jennifer Harris, Pharm.D., Manager, Medication Management and Clinical Pharmacy Informatics, Hospital Corporation of America (HCA), Nashville, Tenn.

The HAART of Patient Safety

Dhara Mehta, Pharm.D., Clinical Pharmacist, Bellevue Hospital Center, New York, N.Y.

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2:00 p.m.–3:45 p.m.

Mandalay Bay D, Level 2

The ACLS 2015 Guidelines: Discussion and Debate

Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists

ACTIVITY #0204-0000-16-294-L01-P

1.75 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: ADVANCED

Program Chair/Moderator: Michael J. Cawley, Pharm.D., CPFT, FCCM, RRT, Professor of Clinical Pharmacy and Vice-Chair, Department of Pharmacy Practice and Administration, Philadelphia College of Pharmacy/University of the Sciences, Philadelphia, Pa.

Learning Objectives:

- Evaluate differences in advanced cardiac life support (ACLS) treatment, comparing the 2010 and 2015 American Heart Association (AHA) ACLS guidelines.
- Develop a pharmacotherapeutic plan for ACLS using the 2015 AHA guidelines.
- Justify the use of therapeutic hypothermic strategies post cardiac arrest.

Presenters:

Michael J. Cawley, Pharm.D., CPFT, FCCM, RRT
Philippe Mentler, BCPS, Senior Consultant, Vizient Inc, Cary, N.C.
Suprat S. Wilson, Pharm.D., BCPS, Pharmacy Coordinator, Emergency Medicine Services, Detroit Receiving Hospital, Detroit, Mich.

2:00 p.m.–4:00 p.m.

Mandalay Bay J, Level 2

Drug-induced Diseases: Prevention, Detection, and Management

ACTIVITY #0204-0000-16-283-L01-P

2.00 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: ADVANCED

Program Chair: James E. Tisdale, Pharm.D., B.Sc., BCPS, FAHA, FAPhA, FCCP, Professor, Purdue University; Adjunct Professor, Indiana University, Indianapolis, Ind.

Moderator: Douglas Miller, Pharm.D., Professor, Wayne State University, Detroit, Mich.

Learning Objectives:

- Describe the epidemiology of drug-induced diseases and their impact on morbidity, mortality, and health-care resource utilization.
- Explain methods of prevention for drug-induced diseases.
- Develop a patient-specific treatment regimen for a patient with one or more drug-induced cardiovascular diseases.
- Develop a patient-specific treatment regimen for a patient with one or more drug-induced kidney diseases.

Presenters:

Scott Malinowski, Pharm.D., Clinical Assistant Professor, University of Mississippi School of Pharmacy; Pharmacist, University of Mississippi Medical Center, Jackson, Miss.

Douglas Miller, Pharm.D.

Mary Stamatakis, Pharm.D., Associate Dean for Academic Affairs and Educational Innovation, West Virginia University School of Pharmacy, Morgantown, W.V.

James E. Tisdale, Pharm.D., B.Sc., BCPS, FAHA, FAPhA, FCCP



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2:00 p.m.–4:00 p.m.

Lagoon L, Level 2

▶ Antibiotic Stewardship: Innovative Practices in the Community Hospital Setting

ACTIVITY #0204-0000-16-285-L04-P

2.00 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair/Moderator: Kristi Kuper, Pharm.D., BCPS, Senior Clinical Manager, Vizient, Irving, Texas

Learning Objectives:

- Explain recent national legislative and policy efforts related to antibiotic stewardship.
- Describe innovative antibiotic stewardship practices that can be implemented in the community hospital setting.
- Describe how the use of technology can assist with supporting antimicrobial stewardship efforts.
- Summarize strategies that can be used to engage private practice physicians in stewardship activities.

Presenters:

David Ha, Pharm.D., Assistant Professor of Clinical Sciences, Keck Graduate Institute School of Pharmacy, Claremont, Calif.; Infectious Diseases Pharmacist Specialist, Pomona Valley Hospital Medical Center, Pomona, Calif.

Kristi Kuper, Pharm.D., BCPS

Amy Schilling, Pharm.D., BCPS, Clinical Pharmacist, Memorial Hermann The Woodlands, The Woodlands, Texas

Montgomery F. Williams, Pharm.D., BCPS, Assistant Professor of Pharmacy Practice, Belmont University College of Pharmacy, Nashville, Tenn.; Clinical Pharmacist, Internal Medicine and Antimicrobial Stewardship, Williamson Medical Center, Franklin, Tenn.

2:00 p.m.–4:00 p.m.

Mandalay Bay L, Level 2

▶ Parenteral Nutrition Primer: Balancing Acid-Base, Fluids, and Electrolytes

ACTIVITY #0204-0000-16-287-L01-P

2.00 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair/Moderator: Phil Ayers, Pharm.D., BCNSP, FASHP, Chief, Clinical Pharmacy Services, Mississippi Baptist Medical Center; Clinical Associate Professor, University of Mississippi School of Pharmacy, Jackson, Miss.

Learning Objectives:

- Discuss sodium homeostasis and the appropriate management of the parenteral nutrition patient.
- Describe the importance of potassium, magnesium, calcium, and phosphorus, and provide key management strategies for patients receiving nutrition support.
- Compare common acid-base disorders and discuss how they relate to parenteral nutrition management.

Presenters:

Phil Ayers, Pharm.D., BCNSP, FASHP

Todd W. Canada, Pharm.D., BCNSP, FASHP, FTSHP, Clinical Pharmacy Services Manager and Nutrition Support Team Coordinator, University of Texas MD Anderson Cancer Center, Houston, Texas

Michael Kraft, Pharm.D., BCNSP, Clinical Associate Professor, University of Michigan College of Pharmacy, Department of Clinical Pharmacy; Assistant Director-Education & Research, University of Michigan Health System, Department of Pharmacy Services, Ann Arbor, Mich.

Gordon Sacks, Pharm.D., BCNSP, Professor and Department Head, Auburn University, Harrison School of Pharmacy, Auburn, Ala.

2:00 p.m.–4:00 p.m.

Mandalay Bay B, Level 2

▶ Interpreting the Quality of Evidence Supporting New Drug Approvals for the Geriatric Population

ACTIVITY #0204-0000-16-289-L01-P

2.00 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: ADVANCED

Recertification credit for: CGP

Program Chair/Moderator: Rebecca B. Sleeper, Pharm.D., BCPS, FASCP, FCCP, Professor, Department of Pharmacy Practice and Associate Dean of Curriculum, Geriatrics Division, TTUHSC School of Pharmacy, Lubbock, Texas

Learning Objectives:

- Discuss age-related physiological changes that can affect drug efficacy and safety, and explain the implications for use of the drug in a geriatric patient.
- Evaluate the medical literature to determine whether data may be extrapolated to the geriatric patient population.
- Recommend appropriate use of recently introduced drugs and discuss their place in geriatric patient care.

Presenters:

Luigi Brunetti, Pharm.D., M.P.H., BCPS, CGP, Clinical Associate Professor, Rutgers, The State University of New Jersey, Piscataway, N.J.; Clinical Pharmacist, Robert Wood Johnson University Hospital Somerset, Somerville, N.J.

Rebecca B. Sleeper, Pharm.D., BCPS, FASCP, FCCP

For more information, see page 36.

Educational Sessions Wednesday, December 7 continued

2:00 p.m.–4:00 p.m.

South Seas B, Level 3

▶ The Joint Commission Update for 2017

Planned in cooperation with The Joint Commission Resources

ACTIVITY #0204-0000-16-296-L03-P/0204-0000-16-296-L03-T

2.00 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: GENERAL INTEREST

Learning Objectives:

- Describe six areas of focus of the new Antimicrobial Stewardship standard.
- Identify at least one key issue found on survey relating to the top four challenging medication management standards.
- List two significant benefits of the new SAFER scoring process.
- List three strategies for preparing for a tracer in the pharmacy.

Presenter:

Jeannell Mansur, Pharm.D., FASHP, Practice Leader, Medication Management and Safety, Joint Commission Resources, Oak Brook, Ill.

2:45 p.m.–3:15 p.m.

South Seas D, Level 3

▶ (Management Case Study) Six Months to Initiate a Self-Sustaining Specialty Pharmacy

ACTIVITY #0204-0000-16-366-L04-P/0204-0000-16-366-L04-T

0.50 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: GENERAL INTEREST

Learning Objectives:

- Describe the benefits of an internal specialty pharmacy program for an integrated multi-hospital health system.
- List barriers to opening a specialty pharmacy and strategies for overcoming these barriers.
- Discuss the financial impact and opportunities that a specialty pharmacy may offer a health system.

Presenters:

Jason Glowczewski, Pharm.D., MBA, FASHP, Director of Pharmacy, Community Hospitals, University Hospitals Health System, Cleveland, Ohio

Shawn Osborne, Pharm.D., MBA, Vice President, Pharmacy & Supply Chain Services, University Hospitals Health System, Cleveland, Ohio

Kevin Cunningham, R.Ph., Director, Pharmacy Operations, University Hospitals Home Care Services, Cleveland, Ohio

3:00 p.m.–4:45 p.m.

Breakers C, Level 2

▶ Creating Positive Outcomes for Gram-Negative Infections: Deciphering Antibiograms for Best Results

ACTIVITY #0204-0000-16-281-L01-P

1.75 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: ADVANCED

Program Chair/Moderator: Edward E. Grace, Pharm.D., AAHIVP, BCPS-AQ ID, Vice-Chair and Associate Professor, Clinical & Administrative Sciences Department, Notre Dame of Maryland University, School of Pharmacy, Baltimore, Md.

Learning Objectives:

- Identify markers of Gram-negative resistance based on current antibiogram.
- Compare Gram-negative resistance rates with underlying mechanism of resistance.
- Formulate empiric and streamlined antibiotic regimens for patients with suspected Gram-negative infections.
- Develop an antibiotic regimen with specific doses based on suspected/known organism and resistance patterns.

Presenters:

Christopher M. Bland, Pharm.D., BCPS, FIDSA, Clinical Associate Professor, University of Georgia College of Pharmacy; Clinical Specialist, St. Joseph's/Candler Health System, Savannah, Ga.

Edward E. Grace, Pharm.D., AAHIVP, BCPS-AQ ID

3:30 p.m.–4:00 p.m.

South Seas D, Level 3

▶ (Management Case Study) Implementation of Ambulatory Specialty Pharmacy Services in a Women's Health Clinic: Exploring Fertile Ground

ACTIVITY #0204-0000-16-367-L04-P/0204-0000-16-367-L04-T

0.50 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: GENERAL INTEREST

Learning Objectives:

- Assess the need to expand specialty pharmacy services to a women's health fertility clinic. (P only)
- Explain the various key factors used to determine feasibility of developing a new service. (P/T)
- Explain the benefits of patients receiving fertility medications from a health system-based specialty pharmacy. (P/T)

Presenters:

Lisa M. Kumor, Pharm.D., Clinical Pharmacist, Specialty Pharmacy Services and Clinical Assistant Professor, University of Illinois Hospital and Health Sciences System, Chicago, Ill.

JoAnn Stubbings, B.S.Pharm., MHCA, Assistant Director, Specialty Pharmacy Services, University of Illinois Hospital and Health Sciences System, Chicago, Ill.

Rebekah H. Anguiano, Pharm.D., BCACP, BCPS, Clinical Pharmacist, Specialty Pharmacy Services and Clinical Assistant Professor, University of Illinois Hospital and Health Sciences System, Chicago, Ill.

CE PROCESSING REMINDER

All attendees must claim their CE credits online within 60 days of the sessions they attended.

3:45 p.m.–5:00 p.m.

Oceanside A, Level 2

▶ Is Coagulopathy Reversal Becoming Alphabet Soup? A Look at New Reversal Strategies

ACTIVITY #0204-0000-16-298-L01-P

1.50 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: ADVANCED

Program Chair: Gabrielle A. Gibson, Pharm.D., BCCCP, BCPS, Surgical, Trauma, Burn ICU Clinical Specialist, Barnes-Jewish Hospital, St. Louis, Mo.

Moderator: Emily J. Owen, Pharm.D., BCCCP, BCPS, Clinical Pharmacy Specialist, Barnes-Jewish Hospital, Saint Louis, Mo.

Learning Objectives:

- Evaluate the new and pipeline reversal agents and their potential role in reversal of life-threatening bleeding.
- Assess the results of available literature regarding redosing of anticoagulation reversal in a patient with life-threatening bleeding who is not achieving hemostasis.
- Appraise current recommendations for the reversal of coagulopathy in life-threatening bleeding in patients not exposed to anticoagulation, if given a description of a specific patient.

Presenters:

Gabrielle A. Gibson, Pharm.D., BCCCP, BCPS

Sarah Welch, Pharm.D., Surgical ICU Clinical Pharmacy Specialist, Cleveland Clinic, Cleveland, Ohio

4:00 p.m.–5:00 p.m.

South Seas J, Level 3

▶ Improving Performance on Bundled Payment Initiatives: Pharmacy's Role on the Interdisciplinary Team

Planned in cooperation with the ASHP Section of Pharmacy Practice Managers

ACTIVITY #0204-0000-16-286-L04-P/0204-0000-16-286-L04-T

1.00 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair/Moderator: Cynthia Williams, B.S.Pharm., FASHP, Vice President and Chief Pharmacy Officer, Riverside Health System, Newport News, Va.

Learning Objectives:

- Describe the core components of the Centers for Medicare & Medicaid Services (CMS) bundled payment initiative.
- List three medication-related initiatives that have been shown to improve patient outcomes and lower costs in the area of bundled payment initiatives.
- Evaluate three opportunities for pharmacy involvement within your organization to improve performance on bundled payment initiatives.

Presenters:

David Ferris, Pharm.D., CGP, Clinical Manager, Southwest General Hospital, Cleveland, Ohio

Cynthia Williams, B.S.Pharm., FASHP

4:00 p.m.–5:00 p.m.

Oceanside B, Level 2

▶ Preceptor Development: Meeting the Standards for Continuous Preceptor Development

Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists

ACTIVITY #0204-0000-16-293-L04-P/0204-0000-16-293-L04-T

1.00 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair/Moderator: Jennifer Sternbach, Pharm.D., BCACP, BCPS, Clinical Coordinator, Clara Maass Medical Center, Belleville, N.J.

Learning Objectives:

- Describe the ASHP standards for preceptor development.
- Discuss a preceptor development plan from both a community and teaching facility perspective.
- Identify three strategies for successful preceptor development.

Presenters:

Abbie Lyden, Pharm.D., BCPS, Clinical Pharmacist, Emergency Medicine, Northwestern Memorial Hospital, Chicago, Ill.; Assistant Professor, Pharmacy Practice, Rosalind Franklin University of Medicine and Science, North Chicago, Ill.

Sheetal Patel, Pharm.D., BCPS, Clinical Coordinator and PGY1 Residency Program Director, Newark Beth Israel Medical Center, Newark, N.J.

4:00 p.m.–5:00 p.m.

Oceanside D, Level 2

▶ The Internet of Things and Pharmacy: Let's Get Talking!

Planned in cooperation with the ASHP Section of Pharmacy Informatics and Technology

ACTIVITY #0204-0000-16-297-L04-P/0204-0000-16-297-L04-T

1.00 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair/Moderator: David Aguero, Pharm.D., Manager, Pharmacy Operations and Technology, St. Jude Children's Research Hospital, Memphis, Tenn.

Learning Objectives:

- Describe the Internet of Things (IoT) as it applies to pharmacy practice.
- Identify current examples of IoT use in health-system/ambulatory pharmacy.
- Describe the use of design thinking to incorporate the IoT in practice workflows.

Presenters:

David Aguero, Pharm.D.

Nate Peaty, Pharm.D., M.S., Assistant Director of Pharmacy, Wake Forest Baptist Health, Winston-Salem, N.C.

4:00 p.m.–5:00 p.m.

South Seas F, Level 3

▶ **Current Controversies in the Management of Hyperkalemia**

Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists

ACTIVITY #0204-0000-16-299-L01-P
1.00 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: ADVANCED

Program Chair/Moderator: Nadia I. Awad, Pharm.D., BCPS, Emergency Medicine Pharmacist, Robert Wood Johnson University Hospital, New Brunswick, N.J.

Learning Objectives:

- Evaluate recommendations for dosing and administration of parenteral calcium in the treatment of hyperkalemia.
- Apply practical methods for coadministration of insulin and dextrose in the management of hyperkalemia.
- Discuss evidence-based literature surrounding administration of sodium bicarbonate and sodium polystyrene sulfonate in the treatment of hyperkalemia.
- Appraise literature related to clinical trials evaluating novel and newly approved agents for hyperkalemia.

Presenters:

Nadia I. Awad, Pharm.D., BCPS
Bryan D. Hayes, Pharm.D., DABAT, FAACP, Clinical Pharmacist, Emergency Medicine and Toxicology, Massachusetts General Hospital; Assistant Professor of Emergency Medicine, Harvard Medical School, Boston, Mass.

4:15 p.m.–4:45 p.m.

South Seas D, Level 3

▶ **(Management Case Study) Development of a Collaborative Workflow for Oncologic Viral Therapy**

ACTIVITY #0204-0000-16-368-L04-P/0204-0000-16-368-L04-T
0.50 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Learning Objectives:

- Describe barriers to ordering, dispensing, and administering biologically hazardous medications in the clinic setting.
- Identify key stakeholders for development of a high-risk biologic medication dispensing and administration workflow.
- Describe how the development of a workflow for high-risk biologic medication dispensing can streamline the process for other high-risk biologic medications with similar characteristics.

Presenters:

Anna P. Kempke, Pharm.D., BCPS, Clinical Pharmacist Generalist and Adjunct Clinical Instructor, University of Michigan Health System and College of Pharmacy, Ann Arbor, Mich.
Shawna Kraft, Pharm.D., BCOP, Clinical Pharmacist Specialist and Clinical Assistant Professor, University of Michigan Health System and College of Pharmacy, Ann Arbor, Mich.

THURSDAY, DECEMBER 8

9:00 a.m.–10:00 a.m.

Mandalay Bay J, Level 2

▶ **A Straight Shot: Update on Adult Vaccination Recommendations**

Planned in cooperation with the Society of Infectious Diseases Pharmacists

ACTIVITY #0204-0000-16-301-L01-P
1.00 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: ADVANCED

Program Chair/Moderator: Monica Mahoney, Pharm.D., BCPS-AQ ID, Clinical Pharmacy Coordinator, Beth Israel Deaconess Medical Center, Boston, Mass.

Learning Objectives:

- Discuss updates in vaccine recommendations from ACIP and the CDC.
- Evaluate the literature supporting the changes in vaccine recommendations.
- Determine a place in therapy for the newer vaccine products, given a patient scenario.

Presenter:

Christopher McCoy, Pharm.D., BCPS-AQ ID, Associate Director Antimicrobial Stewardship and PGY2 Residency Director Infectious Diseases, Beth Israel Deaconess Medical Center, Boston, Mass.

9:00 a.m.–10:00 a.m.

Lagoon F, Level 2

▶ **Welcome to the E-Patient Movement: Patients Becoming More Involved in Their Health Through Technology**

ACTIVITY #0204-0000-16-304-L04-P/0204-0000-16-304-L04-T
1.00 CONTACT HOURS | KNOWLEDGE-BASED
EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair/Moderator: Timothy D. Aungst, Pharm.D., Assistant Professor of Pharmacy Practice, MCPHS University, Worcester, Mass.

Learning Objectives:

- Describe the role of online patient activities and the generation of e-patients.
- Identify the importance of patient portals and social groups on pharmacists' practice and patient engagement.
- List quality resources and tools to assist e-patients in becoming self-directed.

Presenters:

Timothy D. Aungst, Pharm.D.
Kelly Grindrod, Pharm.D., B.Sc.Pharm., M.Sc., Assistant Professor, University of Waterloo School of Pharmacy, Waterloo, Ontario, Canada; Clinical Pharmacist, Kitchener Downtown Community Health Centre, Kitchener, Ontario, Canada

9:00 a.m.–10:30 a.m.

Mandalay Bay D, Level 2

▶ **First, Do No Harm: Ethical Controversies in Palliative Care**

Planned in cooperation with the ASHP Section of Ambulatory Care Practitioners

ACTIVITY #0204-0000-16-302-L01-P

1.50 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: ADVANCED

Program Chair: Daniel Abazia, Pharm.D., BCPS, CPE, Clinical Assistant Professor, Ernest Mario School of Pharmacy – Rutgers, The State University of New Jersey, Piscataway, N.J.; Clinical Pharmacist, Capital Health, Trenton, N.J.

Moderator: Maria Foy, Pharm.D., BCPS, CPE, Clinical Specialist, Palliative Care, Abington Hospital Jefferson Health, Abington, Pa.

Learning Objectives:

- Evaluate treatment benefits and burdens at end of life based on available evidence.
- Justify medication classes that should not be stopped at end of life, focusing on patient-specific strategies for medication deprescribing.
- Apply communication tactics for addressing end-of-life medication management controversies with patients, caregivers, and healthcare providers.

Presenters:

Daniel Abazia, Pharm.D., BCPS, CPE

Maria Foy, Pharm.D., BCPS, CPE

9:00 a.m.–10:30 a.m.

Mandalay Bay B, Level 2

▶ **Check or Hold? Investigating Three Clinical Controversies in Cardiovascular Pharmacotherapy**

Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists

ACTIVITY #0204-0000-16-305-L01-P

1.50 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: ADVANCED

Program Chair/Moderator: Christopher Betz, Pharm.D., BCPS, FASHP, FKSHP, Professor, Sullivan University College of Pharmacy, Louisville, Ky.

Learning Objectives:

- Compare and contrast the data supporting unfractionated heparin versus bivalirudin in acute coronary syndrome and design a regimen for patients in the cath lab.
- Evaluate the morbidity and mortality data of digoxin use in heart failure and atrial fibrillation patients, and determine if the use of digoxin should continue.
- Recommend appropriate NSAID therapy in patients with underlying cardiovascular disease.

Presenters:

Christopher Betz, Pharm.D., BCPS, FASHP, FKSHP

Snehal Bhatt, Pharm.D., BCPS, Associate Professor of Pharmacy Practice, MCPHS University, Boston, Mass.

9:00 a.m.–11:00 a.m.

Mandalay Bay L, Level 2

▶ **Implementing ISMP's Targeted Medication Safety Best Practices**

Planned in cooperation with the Institute for Safe Medication Practices

ACTIVITY #0204-0000-16-300-L05-P/0204-0000-16-300-L05-T

2.00 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: GENERAL INTEREST

Program Chair/Moderator: Darryl S. Rich, Pharm.D., MBA, FASHP, Medication Safety Specialist, Institute for Safe Medication Practices, Horsham, Pa.

Learning Objectives:

- Cite the three most-implemented and three least-implemented best practices from 2016-2017 Institute for Safe Medication Practices (ISMP) Targeted Medication Safety Best Practices for Hospitals, along with the major implementation barriers reported.
- Cite at least three evidence-based arguments that can be used to overcome implementation barriers to the 2016-2017 ISMP Targeted Medication Safety Best Practices for Hospitals.
- List at least three successful strategies other hospitals have used to successfully implement the 2016-2017 ISMP Targeted Medication Safety Best Practices for Hospitals.

Presenters:

Sandy Atwater, B.S.Pharm., Pharmacy Director, Lodi Memorial Hospital, Lodi, Calif.

Steven Meisel, Pharm.D., Director of Patient Safety, Fairview Health Services, Minneapolis, Minn.

Darryl S. Rich, Pharm.D., MBA, FASHP

10:00 a.m.–12:00 p.m.

Lagoon L, Level 2

▶ **Practice Innovations 2016: Strategies Worth Sharing**

ACTIVITY #0204-0000-16-303-L04-P/0204-0000-16-303-L04-T

2.00 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair/Moderator: Dale E. English, II, Pharm.D., R.Ph., FASHP, Associate Dean for Student Success and Associate Professor of Pharmacy Practice, Northeast Ohio Medical University, College of Pharmacy, Rootstown, Ohio

Learning Objectives:

- Describe methods that can be used to highlight which practice advancement recommendations receive priority and resources.
- Describe common barriers that affect practice advancement.
- Identify effective strategies that can be used to implement practice advancement and expand the role of pharmacists and technicians.

Presenters:

Dale E. English, II, Pharm.D., R.Ph., FASHP

Matthew T. Jenkins, Pharm.D., M.S., Director of Acute Care Pharmacy Services, University of Virginia Health System, Charlottesville, Va.

Stephen Lirette, Pharm.D., BCPS, Clinical Instructor, The University of Mississippi School of Pharmacy, Jackson, Miss.

continues >

Educational Sessions **Thursday, December 8** continued

Courtenay Wilson, Pharm.D., BCACP, BCPS, CDE, CPP, Associate Director of Pharmacotherapy, MAHEC Family Health, Asheville, N.C.; Assistant Professor of Clinical Education, UNC Eshelman School of Pharmacy, Chapel Hill, N.C.

10:30 a.m.–12:00 p.m. Mandalay Bay J, Level 2

▶ **On a Scale of 0 to 10, How Scared Are You? Taking the Fear out of Chronic Pain Management**

ACTIVITY #0204-0000-16-306-L01-P
1.50 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair: **Kathleen M. Vest, Pharm.D., BCACP, CDE**, Associate Professor of Pharmacy Practice, Midwestern University Chicago College of Pharmacy, Downers Grove, Ill.
Moderator: **Michele Matthews, Pharm.D., BCACP, CPE, FASHP**, Associate Professor of Pharmacy Practice, MCPHS University; Advanced Pharmacist Practitioner – Pain Management, Brigham and Women’s Hospital, Boston, Mass.

Learning Objectives:

- Evaluate the appropriateness and feasibility of integrating clinical pharmacy services for chronic pain management in the ambulatory care setting.
- Develop a collaborative practice model for chronic pain management within the ambulatory care setting.
- Justify a plan for the optimization of drug therapy in a patient with chronic pain.

Presenters:

Brooke Griffin, Pharm.D., BCACP, Professor of Pharmacy Practice, Midwestern University, Downers Grove, Ill.
Michele Matthews, Pharm.D., BCACP, CPE, FASHP
Kathleen M. Vest, Pharm.D., BCACP, CDE

10:30 a.m.–12:00 p.m. Breakers C, Level 2

▶ **Information Overdose! Managing an Information-Saturated Environment**

ACTIVITY #0204-0000-16-308-L04-P/0204-0000-16-308-L04-T
1.50 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair/Moderator: **Scott D. Nelson, Pharm.D., M.S.**, Assistant Professor, Biomedical Informatics, Vanderbilt University Medical Center, Nashville, Tenn.

Learning Objectives:

- Discuss information-overload signs and symptoms.
- List at least three ways clinicians try to cope with information overload.
- Apply basic design strategies to reduce information overload.
- Compare and contrast different interface designs.

Presenters:

Scott D. Nelson, Pharm.D., M.S.

Alissa L. Russ, Ph.D., Research Scientist, Department of Veterans Affairs, Richard L. Roudebush VA Medical Center, Indianapolis, Ind.; Adjunct Assistant Professor of Pharmacy Practice, Purdue University, West Lafayette, Ind.; Research Scientist, Regenstrief Institute, Indianapolis, Ind.

11:00 a.m.–12:00 p.m. Mandalay Bay D, Level 2

▶ **Albumin or Balanced Salt Solutions for Resuscitation in Severe Sepsis and Septic Shock: It’s Debatable!**

ACTIVITY #0204-0000-16-307-L01-P
1.00 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: ADVANCED

Program Chair/Moderator: **Alexander H. Flannery, Pharm.D., BCCCP, BCPS**, Critical Care Pharmacist, Medical Intensive Care Unit, University of Kentucky HealthCare; Adjunct Assistant Professor, University of Kentucky College of Pharmacy, Lexington, Ky.

Learning Objectives:

- Describe the biologic rationale for albumin and balanced salt solutions as resuscitation agents in sepsis as compared to traditional crystalloid solutions.
- Evaluate landmark trials for albumin and balanced salt solutions.
- Compare and contrast the evidence for and against albumin and balanced salt solutions in the resuscitation of a septic patient.

Presenters:

Brian L. Erstad, Pharm.D., BCPS, FASHP, FCCP, MCCM, Professor and Head, University of Arizona, Tucson, Ariz.
Alexander H. Flannery, Pharm.D., BCCCP, BCPS

11:00 a.m.–12:00 p.m. Lagoon F, Level 2

▶ **Safety and Efficacy Updates in the Management of Invasive Fungal Infections**

Planned in cooperation with the Infectious Diseases Society of America

ACTIVITY #0204-0000-16-309-L01-P
1.00 CONTACT HOURS | APPLICATION-BASED
EDUCATIONAL LEVEL: ADVANCED

Program Chair/Moderator: **Kayla R. Stover, Pharm.D., BCPS-AQ ID**, Associate Professor of Pharmacy Practice, University of Mississippi School of Pharmacy; Affiliated Faculty-Infectious Diseases, University of Mississippi Medical Center; Affiliated Faculty-Pharmacotherapy, University of Mississippi Medical Center, Jackson, Miss.

Learning Objectives:

- Discuss updated recommendations for the management of candidiasis from the Infectious Diseases Society of America (IDSA).
- Evaluate the recent reports of toxicity associated with commonly used antifungal agents.
- Develop a medication regimen that reflects application of the best evidence and current guidelines given a description of a specific patient.

Presenters:

Scott J. Bergman, Pharm.D., BCPS-AQ ID, Associate Professor of Pharmacy Practice, Southern Illinois University Edwardsville, Edwardsville, Ill.; PGY2 Infectious Diseases Pharmacy Residency Program Director, HSHS St. John’s Hospital, Springfield, Ill.

Kayla R. Stover, Pharm.D., BCPS-AQ ID

1:00 p.m.–2:00 p.m.

Mandalay Bay L, Level 2

▶ HRO: A Path to Highly-Reliable Medication Delivery Systems

ACTIVITY #0204-0000-16-384-L05-P/0204-0000-16-384-L05-T

1.00 CONTACT HOURS | KNOWLEDGE-BASED

EDUCATIONAL LEVEL: GENERAL INTEREST



Learning Objectives:

- Discuss how to design highly-reliable medication delivery systems (how to deal with our inescapable fallibility).
- Describe a method for embedding a qualitative design standard into the medication process (the three dice).
- Explain how to predictively model human choices with the system (hazards and threats analysis).

Presenter:

David Marx, J.D., President, Outcome Engenuity, Plano, Texas

1:00 p.m.–3:00 p.m.

Lagoon F, Level 2

▶ Balancing Pharmacy Benchmarking, Productivity, and the Work of Clinical Pharmacists

Planned in cooperation with the ASHP Section of Pharmacy Practice Managers

ACTIVITY #0204-0000-16-311-L04-P/0204-0000-16-311-L04-T

2.00 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair/Moderator: Robert P. Granko, Pharm.D., MBA, Director of Pharmacy, Cone Health, Greensboro, N.C.

Learning Objectives:

- Describe commonly used benchmarking metrics. (P/T)
- Evaluate the process that could be used to change pharmacy productivity metrics within a hospital or health system to better measure the daily workload and peer hospital comparisons. (P/T)
- Assess how standardization of clinical documentation and dispensing processes can help in effectively comparing pharmacy metrics. (P/T)
- Illustrate an acuity model application of clinical pharmacist knowledge work at a community teaching hospital. (P only)

Presenters:

Robert P. Granko, Pharm.D., MBA

Brian Latham, Pharm.D., Director of Pharmacy/Home Infusion, St. Rita's Medical Center, Lima, Ohio

Ryan Naseman, Pharm.D., M.S., BCPS, Assistant Director, The Ohio State University James Cancer Hospital, Columbus, Ohio

1:00 p.m.–3:00 p.m.

Breakers C, Level 2

▶ Getting Patients to Make the Stick: A Hands-on Approach to Injectable Agents in Diabetes

Planned in cooperation with the ASHP Section of Ambulatory Care Practitioners

ACTIVITY #0204-0000-16-312-L01-P

2.00 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: INTERMEDIATE

Program Chair: Kristi W. Kelley, Pharm.D., BC-ADM, BCPS, CDE, CDTC, Associate Clinical Professor, Pharmacy Practice, Auburn University Harrison School of Pharmacy; Clinical Pharmacist, Continuity Clinics, Brookwood Baptist Internal Medicine Residency Training Program, Birmingham, Ala.

Moderator: Melody Hartzler, Pharm.D., AE-C, BCACP, Associate Professor of Pharmacy Practice, Cedarville University School of Pharmacy, Cedarville, Ohio; Clinical Pharmacist, Western Medicine Providers, Enon, Ohio

Learning Objectives:

- Analyze primary literature of new and unique diabetes medication-delivery devices.
- Demonstrate how to use new diabetes medication-delivery devices.
- Choose patient counseling techniques for the use of these diabetes medication-delivery devices.
- Recommend strategies to help patients obtain devices at lower costs.

Presenters:

Melody Hartzler, Pharm.D., AE-C, BCACP

Samantha Karr, Pharm.D., BCACP, BC-ADM, BCPS, FCCP, Associate Professor, Midwestern University, College of Pharmacy, Glendale, Ariz.; Endocrinology Pharmacist, Banner Health, Peoria, Ariz.

1:00 p.m.–3:00 p.m.

Lagoon L, Level 2

▶ Rolling the Dice with Triple Therapy

ACTIVITY #0204-0000-16-313-L01-P

2.00 CONTACT HOURS | APPLICATION-BASED

EDUCATIONAL LEVEL: ADVANCED

Program Chair/Moderator: Jessie L. Dunne, Pharm.D., BCPS, Clinical Pharmacy Specialist – Cardiology, University of Kentucky, Lexington, Ky.

Learning Objectives:

- Evaluate the current literature on the use of concomitant oral anticoagulation and antiplatelet therapy post-percutaneous coronary intervention (PCI).
- Identify patient risk factors for bleeding and thromboembolism.
- Apply current literature and guidelines to patients requiring both oral anticoagulant and antiplatelet therapy.
- Assess current gaps in knowledge of the optimal combination and duration of triple antithrombotic therapy.

Presenters:

Snehal Bhatt, Pharm.D., BCPS, Associate Professor of Pharmacy Practice, MCPHS University, Boston, Mass.

Jessie L. Dunne, Pharm.D., BCPS

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INDUSTRY-SUPPORTED SYMPOSIA

The following listing is provided to you by ASHP as a courtesy; these are commercially supported programs held in conjunction with the Midyear Clinical Meeting and Exhibition and are not part of the official ASHP Midyear meeting programming. Any questions related to these programs should be directed to the company or individual listed. Any preregistration taken for these programs is for planning purposes only and does not guarantee a seat. Seating is limited and provided on a first-come, first-served basis. An early arrival is recommended.

This listing is current as of **September 29, 2016**. For the most current listing, refer to the affiliate listing in the meeting registration bag, view on the ASHP LIVE app, or visit www.ashp.org/midyear.

NOTE: Check the hotel reader boards for room locations.

SATELLITE SYMPOSIA

SUNDAY, DECEMBER 4

7:00 a.m.–8:00 a.m. Mandalay Bay

- ▶ **Antibiotic Stewardship Programs (ASP's) 2017 and Beyond; Impending Mandatory Conditions for CMS Participation and the Reality of JCAHO ASP Mandatory Medication Management 0.9.01.01 Measures Beginning January 1, 2017**

Supported by biomerieux. Contact Sherry Hightower, bioMerieux at sherry.hightower@biomerieux.com.

CE Provider: West Virginia University.

9:00 a.m.–11:00 a.m. Mandalay Bay

- ▶ **Planning for a Seamless Transition for Infusion Pump Integration with the EHR**

Supported by BD. Contact Rachel Cohen, ISMP at rcohen@ismp.org. **CE Provider:** ProCE.

9:00 a.m.–11:30 a.m. MGM Grand

- ▶ **One Mission. One Goal. One Team: Leadership and Collaboration in Healthcare**

Supported by Cardinal Health. Contact Gail Townley, ProCE, Inc. at gtownley@proce.com. **CE Provider:** ProCE, Inc.

1:00 p.m.–4:00 p.m. Mandalay Bay

- ▶ **Best Practices in Ensuring the Quality of Compounded Sterile IV Preparations: Updates on Legislation, Standards, and Beyond**

Supported by Baxter Healthcare Corporation. Contact ASHP Advantage at elarning@ashp.org. **CE Provider:** American Society of Health-System Pharmacists.

For more information, visit www.ashpadvantage.com/go/sterileiv

MONDAY, DECEMBER 5

6:30 a.m.–8:30 a.m. Mandalay Bay

- ▶ **Evolution of Multiple Sclerosis Management: Pharmacy's Role (Live Webinar)**

Supported by Genzyme, a Sanofi Company. Contact Gail Townley, ProCE, Inc. at gtownley@proce.com. **CE Provider:** ProCE, Inc.

7:00 a.m.–8:30 a.m. Mandalay Bay

- ▶ **503b Compliance**

Supported by AmerisourceBergen. Contact Julie Shallis Burgess, AmerisourceBergen at jshallisburgess@amerisourcebergen.com. **CE Provider:** University of Findlay.

TUESDAY, DECEMBER 6

5:45 a.m.–7:45 a.m. Mandalay Bay

- ▶ **The Regulatory Outlook for Sterile Compounding in Health Systems: Opportunities and Challenges**

Supported by PharMEDium. Contact Gail Townley, ProCE, Inc. at gtownley@proce.com. **CE Provider:** ProCE, Inc.

5:30 p.m.–7:30 p.m. Mandalay Bay

- ▶ **Complex Cases in the Management of Chemotherapy-Induced Severe Neutropenia**

Supported by Teva Pharmaceuticals. Contact Sydney Turner, NACCME at sturner@naccme.com. **CE Provider:** NACCME.

WEDNESDAY, DECEMBER 7

5:45 a.m.–7:45 a.m. Mandalay Bay

- ▶ **Facing the Challenges of Invasive Fungal Infections: Clinical Updates & Best Practices (Live Webinar)**

Supported by Astellas Scientific and Medical Affairs, Inc. Contact Gail Townley, ProCE, Inc. at gtownley@proce.com. **CE Provider:** ProCE, Inc.

Industry-supported Symposia

MIDDAY SYMPOSIA

All rooms are located in the **Mandalay Bay North Convention Center** unless otherwise noted.

NOTE: Food and beverage (i.e., boxed lunches) are no longer provided to attendees of Midday Symposia funded by commercial supporters and held Monday, Tuesday, and Wednesday during the Midyear meeting. This policy was established by ASHP in consideration of commercial supporters that have opted to exclude food at *all* continuing education activities for healthcare providers for which grant support has been provided based on their policies related to the Physician Payments Sunshine Act. In addition, the Midday Symposia have been shortened by 30 minutes to allow attendees to eat lunch after the symposia. Alternatively, attendees are free to bring their lunches to the meeting room and enjoy them during the educational activity.

MONDAY, DECEMBER 5

5:45 a.m.–7:45 a.m. **Islander Ballroom F**

▶ Specialty Pharmacy as a Foundation for Population Health

Supported by AmerisourceBergen. Contact Sid McFadden, AmerisourceBergen at SMcFadden@amerisourcebergen.com. **CE Provider:** University of Findlay.

11:30 a.m.–1:00 p.m. **Islander Ballroom G**

▶ Individualizing Insulin Therapy for Type 2 Diabetes Mellitus: Clinical Case Vignettes (Live Webinar)

Supported by Novo Nordisk Inc. Contact ASHP Advantage at elearning@ashp.org. **CE Provider:** American Society of Health-System Pharmacists.

For more information, visit www.ashpadvantage.com/go/type2

11:30 a.m.–1:00 p.m. **Islander Ballroom H**

▶ New and Emerging Strategies for the Treatment of Chronic Heart Failure: A Clinical Case Studies Workshop

Supported by Novartis Pharmaceuticals Corporation. Contact ASHP Advantage at elearning@ashp.org. **CE Provider:** American Society of Health-System Pharmacists.

For more information, visit www.ashpadvantage.com/go/chf

11:30 a.m.–1:00 p.m. **Islander Ballroom I**

▶ Promoting Safety in the Perioperative Setting: Best Practices in Neuromuscular Blockade and Reversal (Live Webinar)

Supported by Merck. Contact ASHP Advantage at elearning@ashp.org. **CE Provider:** American Society of Health-System Pharmacists.

For more information, visit www.cemidday.com

11:30 a.m.–1:00 p.m. **South Pacific B**

▶ Biosimilars Out of the Gate: What Are The Latest Developments? (Live Webinar)

Supported by Sandoz Inc., a Novartis Company. Contact Gail Townley, ProCE, Inc. at gtownley@proce.com. **CE Provider:** ProCE, Inc.

11:30 a.m.–1:00 p.m. **South Pacific D**

▶ Maximizing Benefits of Immune Checkpoint Inhibitors: A Team-Based Approach (Live Webinar)

Supported by Merck Sharp & Dohme Corp., a subsidiary of Merck & Co., Inc. Contact Rebecca Weaver, Creative Educational Concepts at rweaver@ceconcepts.com. **CE Provider:** Creative Educational Concepts.

11:30 a.m.–1:00 p.m. **South Pacific H**

▶ Clinical and Collaborative Care Strategies for the Successful Management of Hemophilia

Supported by independent grants from Alnylam Pharmaceuticals, Baxalta, now part of Shire, Novo Nordisk, Inc. Contact Steven Casebeer, Impact Education, LLC and NHF at steve.casebeer@impactedu.net. **CE Provider:** Medical Education Resources, Inc.

11:30 a.m.–1:00 p.m. **South Pacific J**

▶ From the Front Line: Improving Sterile Compounding Safety

Supported by BD. Contact Rachel Cohen, ISMP at rcohen@ismp.org. **CE Provider:** ProCE.

TUESDAY, DECEMBER 6

11:30 a.m.–1:00 p.m. **Islander Ballroom F**

▶ Ensuring Readiness for USP Chapter <800> on Handling Hazardous Drugs: Assessment, Planning, and Implementation (Live Webinar)

Supported by BD. Contact ASHP Advantage at elearning@ashp.org. **CE Provider:** American Society of Health-System Pharmacists.

For more information, visit www.ashpadvantage.com/go/800

11:30 a.m.–1:00 p.m. **Islander Ballroom G**

▶ Understanding the Pharmacology of Immunotherapy: A Look at the Future in Managing Difficult-to-Treat Cancers (Live Webinar)

Supported by Merck. Contact ASHP Advantage at elearning@ashp.org. **CE Provider:** American Society of Health-System Pharmacists.

For more information, visit www.cemidday.com

11:30 a.m.–1:00 p.m.

Islander Ballroom H

▶ **The Changing Landscape of Hypercholesterolemia: The Emerging Role of Non-statin Therapies (Live Webinar)**

Supported by educational funding provided by Amgen and an independent educational grant by Sanofi US and Regeneron Pharmaceuticals. Contact ASHP Advantage at elearning@ashp.org. **CE Provider:** American Society of Health-System Pharmacists.

For more information, visit www.ashpadvantage.com/go/pcsk9inhibitors

11:30 a.m.–1:00 p.m.

Islander Ballroom I

▶ **New Approaches to the Treatment of Hepatitis C Virus Infection (Live Webinar)**

Supported by Merck. Contact ASHP Advantage at elearning@ashp.org. **CE Provider:** American Society of Health-System Pharmacists.

For more information, visit www.cemidday.com

11:30 a.m.–1:00 p.m.

South Pacific B

▶ **PAH: The Role of the Pharmacist in Improving Patient Outcomes**

Supported by Actelion Pharmaceuticals. Contact Gail Townley, ProCE, Inc. at gtownley@proce.com. **CE Provider:** ProCE, Inc.

11:30 a.m.–1:00 p.m.

South Pacific D

▶ **Examining the Latest Therapies and Quality Improvement Strategies for Heart Failure**

Supported by an independent educational grant from Amgen, Inc. Contact Steven Casebeer, Impact Education, LLC at steve.casebeer@impactedu.net. **CE Provider:** Medical Education Resources, Inc.

11:30 a.m.–1:00 p.m.

South Pacific H

▶ **Error Prevention in Chemotherapy: Building Safer Medication Use Systems**

Supported by Eagle Pharmaceuticals. Contact Rachel Cohen, ISMP at rcohen@ismp.org. **CE Provider:** ProCE.

11:30 a.m.–1:00 p.m.

South Pacific J

▶ **Containing Hazardous Drugs with CSTDs: Understand the evidence and requirements from USP<800> to the NIOSH Universal Testing Protocol**

Supported by B. Braun Medical Inc. Contact Sharon Shapiro, Saxe Healthcare Communications at sshapiro@saxehccommunications.com. **CE Provider:** Saxe Healthcare Communications.

WEDNESDAY, DECEMBER 7

11:30 a.m.–1:00 p.m.

Islander Ballroom F

▶ **USP Essentials: Implementing Compounding and Hazardous Drug Standards – USP <797>/<795>/<800>**

Supported by USP. Contact Loredana Jinga, USP at LJ@usp.org. **CE Provider:** NABP.

11:30 a.m.–1:00 p.m.

Islander Ballroom H

▶ **Creating a Culture of Safety in the Management of Patients at Risk for Malnutrition (Live Webinar)**

Supported by Fresenius Kabi USA, LLC. Contact ASHP Advantage at elearning@ashp.org. **CE Provider:** American Society of Health-System Pharmacists.

For more information, visit www.ashpadvantage.com/go/malnutritionrisk

11:30 a.m.–1:00 p.m.

Islander Ballroom I

▶ **Making Antimicrobial Stewardship a Priority: Integrating Evidence-based Practices and Guidelines to Improve Antimicrobial Use (Live Webinar)**

Supported by Merck. Contact ASHP Advantage at elearning@ashp.org. **CE Provider:** American Society of Health-System Pharmacists.

For more information, visit www.cemidday.com

11:30 a.m.–1:00 p.m.

South Pacific B

▶ **What You Need to Know About PAH: Empowering Pharmacists in Management Decisions**

Supported by Actelion Pharmaceuticals US, Inc. Contact Maja Drenovac, Vemco MedEd at mdrenovac@vemcomeded.com. **CE Provider:** Center for Independent Healthcare Education.

11:30 a.m.–1:00 p.m.

South Pacific D

▶ **Better Health Outcomes from Drug Manufacturers, Health Systems and Payers: Collaboration in the New World of Patient-Minded Care**

Supported by AmerisourceBergen. Contact Sid McFadden, AmerisourceBergen at SMcFadden@amerisourcebergen.com. **CE Provider:** University of Findlay.

11:30 a.m.–1:00 p.m.

South Pacific H

▶ **Optimizing Outcomes in Hyperkalemia: An Update for Health-System Pharmacists**

Supported by ZS Pharma. Contact Cathy Zehr, ASiM at czehr@asimcme.com. **CE Provider:** University of Tennessee College of Pharmacy.

POSTER PRESENTATIONS

All poster sessions are in
Bayside B, Level 1

Gain insight into successful programs from health systems in the U.S. and around the world!

Professional poster presentations are listed below; Student, Resident, and Fellows presentations are listed on the ASHP LIVE app.

SUNDAY, DECEMBER 4

11:15 a.m.–1:30 p.m.

Bayside B, Level 1

NEW!

▶ Networking and Poster Session: Emergency Care

For more information, see page 57.

3:45 p.m.–5:15 p.m.

Bayside B, Level 1

▶ The ASHP Federal Forum: Meet the Researchers Poster Session

Participants may earn up to one hour of CE credit. For more information, see page 65.

Professional Posters*

Monday, December 5 2:30 p.m.–4:00 p.m.

Tuesday, December 6 2:30 p.m.–4:00 p.m.

Student Posters

Monday, December 5 10:45 a.m.–11:45 a.m.
12:00 p.m.–1:00 p.m.

Tuesday, December 6 10:00 a.m.–11:00 a.m.
11:30 a.m.–12:30 p.m.

Wednesday, December 7 8:30 a.m.–9:30 a.m.

Resident Posters

Wednesday, December 7 10:00 a.m.–11:00 a.m.
11:15 a.m.–12:15 p.m.
12:30 p.m.–1:30 p.m.
1:45 p.m.–2:45 p.m.
3:00 p.m.–4:00 p.m.

*Fellows will present on Tuesday in the Professional Poster session.

Professional Posters

Categories: Ambulatory Care, Automation/Informatics, Cardiology/Anticoagulation, Clinical Services Management, Drug-Use Evaluation/Drug Information, General Clinical Practice, Infectious Diseases, Leadership, Oncology, Pain Management, Pharmacy Law/Regulatory/Accreditation, Preceptor Skills, Quality Assurance/Medication Safety

Ambulatory Care

- 1-001 Desensitization and the pharmacist's role in an outpatient pharmacy setting**, Sami Labib, Monazzah Sarwar, Steven Menachof, Daniel Haywood
- 1-002 Dipeptidyl peptidase-IV inhibitors for treatment of Type 2 diabetes mellitus: a pilot study**, Chelsea Sampadian, Carol Botelho
- 1-003 Implementation of an innovative residency scheduling model to minimize required rotation experiences and maximize flexibility for residents at an ASHP-accredited PGY1 pharmacy residency at a Veterans Affairs medical center**, Steven Sparkes, Amy Murdico

Automation/Informatics

- 1-004 Impact of inventory optimization of automated dispensing cabinets (ADCs) at a Veterans Affairs (VA) medical center**, Ximena Vallejos, Mara Z. Carrasquillo

Cardiology/Anticoagulation

- 1-005 Design and implementation of a web-based dashboard to identify and monitor veterans with recent admissions for heart failure**, Mark Aparicio, Anoli Patel
- 1-006 Assessing the addition of a direct oral acting anticoagulation pharmacist to existing anticoagulation services to improve patient care**, Carlos Freitas, Carol Botelho, Bradley Peterson

Share Your Expertise with Students and Residents

We invite you to share your expertise with student or resident poster presenters at this year's meeting.

Discuss a project one-on-one with a student or resident for just 15 to 20 minutes and, in an hour, your thoughtful sharing of your time will help prepare three or more future pharmacists to serve our profession a little better.

Please stop by the desk in the poster hall during any of the poster sessions to participate. Your contribution is highly valued.

- 1-007 Evaluation of economic and clinical outcomes of patients receiving direct oral anticoagulants versus warfarin at a Veterans Affairs healthcare system,** Renu Gaur, Audrey Lee, Lisa Tong
- 1-008 Quality improvement project to review the appropriateness of triple therapy for a cardiac indication in a veteran population,** Erin Loesch, Ajay Agarwal, Angela Hamman
- 1-009 Impact of a clinical pharmacist heart failure clinic on the reduction of 30-day heart failure re-admission rate,** Anoli Patel, Wafa Samara

Clinical Services Management

- 1-010 Improving veteran's pharmacy experience through the establishment of a patient-centered pharmacy call center at VA Central California Health Care Systems (VACCHCS),** Kate Bastian, Wafa Samara
- 1-011 Implementation of a fluoroquinolone restriction policy in a veteran's healthcare system,** Spencer Durham, Gerald J. Thomas
- 1-012 Evaluation of patients on long-term warfarin and the potential of switching to a direct oral anticoagulant,** Ivy Tonnu-Mihara, Natasha M. Gonzalez, Richard Cavallaro

Drug-Use Evaluation/Drug Information

- 1-013 Effectiveness of oral naltrexone in improving outcomes in alcohol use disorder in the veteran population,** Victoria Cho, Patricia Chun, Eric Tran
- 1-014 Validity of dabigatran or rivaroxaban for elderly patients with nonvalvular atrial fibrillation,** Youngsuk Cho, Changhyun Lee, Boyeon Kim, Yoon-joo Jung, Hyokeyun Jeong
- 1-015 Apixaban "no clot about it": a medication use evaluation of apixaban for the reduction of venous thromboembolism recurrence,** Sarah Ferrell, Jessica Mitchell, Dacey Beck
- 1-016 Safety of oral treatments for pulmonary arterial hypertension,** Maria García, Maria Fortes, Silvia Vázquez, Susana Castro, Carlos Crespo-Diz
- 1-017 Response to ustekinumab based on the first-line treatment in moderate-severe psoriasis,** Sara García Gil, Jonathan González García, Guillermo Antonio González de la Fuente, Gloria Julia Nazco Casariego, Fernando Guitérrez Nicolás
- 1-018 Improvement of prioritization tool developed for reducing critical medicine shortage situations,** Lone Jensen, Lone Schmidt-Petersen
- 1-019 Evaluation of naloxone use and expansion of an overdose education and naloxone distribution (OEND) program in a rural Veterans Affairs (VA) healthcare system,** Catherine Scalley, Shawn M. Dalton, David Dixon, Cedar Koetting

General Clinical Practice

- 1-020 Severe iron deficiency anemia caused by chronic proton pump inhibitor use,** Erin Loesch, David Dado, Sudha Jaganathan
- 1-021 Review of an unorthodox argatroban infusion rate for anticoagulation in a patient case,** Erin Loesch
- 1-022 Impact of pharmacy participation on number of discrepancies identified during admission medication reconciliation process: a pilot study,** Rachel Morgans, Nicole Asal, Carol Botelho

Infectious Diseases

- 1-023 Initiation and management of hepatitis C therapy in a pharmacist-run clinic,** Brett Borba, Wafa Samara, Jennifer Siilata
- 1-024 Effectiveness and safety of direct-acting antivirals for the treatment of hepatitis C infection in coinfecting HIV/HCV population,** Esther Chamorro-de-Vega, Carmen-Guadalupe Rodriguez-Gonzalez, Alvaro Gimenez-Manzorro, Ana Herranz, Maria Sanjurjo
- 1-025 Effectiveness, safety, and adequacy of linezolid therapy,** Lara Gonzalez, Maria Garcia, Silvia Vazquez, Maria Fortes, Carlos Crespo-Diz
- 1-026 Improving antibiotic use through the implementation of a prospective audit-feedback process at a Veterans Affairs hospital in California,** Jon Malepsy, Brett Borba, Wafa Samara, Bruce Manzo
- 1-027 Evaluation of empirical treatment for outpatient community-acquired pneumonia (CAP) at a Veterans Affairs healthcare system: a resident-driven quality improvement project,** Theodore Osborn, Shawn Dalton, Cedar Koetting, Timothy Schick, Patricia Taylor
- 1-028 Clinical pharmacist specialists in a hepatitis C clinic: best practices for a multidisciplinary team,** Mitchell Snyder, Kendra Vermeulen, Nancy Celandier, Sandra Kaminski, Alexandra Sonyey
- 1-029 Pharmacist-led quality improvement project utilizing a risk assessment intervention tool for reducing healthcare-associated Clostridium difficile infections,** Katayoun Zangeneh, John Chang, Jon Malepsy, Jennifer Siilata, Bruce Manzo

Leadership

- 1-030 Crowdsourcing use in a pharmacy student experiential program,** Forest Ford

Poster Presentations

Oncology

- 1-031 Comparison of the safety of high-dose cisplatin therapy with a continuous hydration regimen versus with a short hydration regimen**, Patricia Chun, Alan Chung, Ni-Chi Wu, Pablo Bernardson
- 1-032 UGT1A1, UGT1A7, ABCB1, ABCC2, and SLCO1B1 gene polymorphism influence on irinotecan toxicity in the treatment of metastatic colon cancer**, Sara García Gil, Ruth Ramos Díaz, Verónica Casañas Sánchez, Gloria Julia Nazco Casariego, Fernando Gutiérrez Nicolás
- 1-033 Ketoconazole and performance status as predictive factors of response to abiraterone in metastatic prostate cancer in real-life conditions**, María Tovar-Pozo, Vicente Escudero-Vilaplana, Almudena Ribed-Sanchez, Ana Herranz-Alonso, María Sanjurjo-Sáez

Pain Management

- 1-034 Urine drug screening in chronic opioid veteran patients: superheroes save the day!**, Kelly Moran

Pharmacy Law/Regulatory/Accreditation

- 1-035 Utilization of the FDA inspection classification database in order to promote public health**, Kavita Dada, David Burrow, Jan Hewett, Joelle Farano
- 1-036 Postmarketing violation identification and improving public health**, Kavita Dada, David Burrow, Kelley Simms, Namita Kothary, Joelle Farano

Preceptor Skills

- 1-037 Development of a preceptor professional growth plan at VA central Iowa healthcare system**, Jenny Phabmixay, Sarah Babb, Megan Barajas, Mary Rasmussen

Quality Assurance/Medication Safety

- 1-038 Transforming medication reconciliation process while improving efficiency and enhancing patient safety**, Jennifer Siilata, Wafa Samara, Jenny Nguyen, Katayoun Zangeneh
- 1-039 Effect of electronic medication administration record application on the patient safety**, Noelia Vicente Oliveros, Teresa Gramage Caro, Covadonga Pérez Menendez-Conde, Teresa Bermejo Vicedo, Eva Delgado Silveira

MONDAY, DECEMBER 5

Categories: Administrative Practice/Financial Management/Human Resources, Ambulatory Care, Automation/Informatics, Cardiology/Anticoagulation, Clinical Services Management, Critical Care, Drug-Use Evaluation/Drug Information, Emergency Medicine/Emergency Department/Emergency Preparedness, General Clinical Practice, Geriatrics, IV Therapy/Infusion Devices/Home Care, Infectious Diseases, Leadership, Oncology, Pain Management, Pediatrics, Pharmacokinetics, Pharmacy Law/Regulatory/Accreditation, Practice Research/Outcomes Research/Pharmacoeconomics, Preceptor Skills, Quality Assurance/Medication Safety, Small and Rural Pharmacy Practice

Administrative Practice/Financial Management/Human Resources

- 4-001 Preparing for new challenges in the changing landscape of accreditation agencies**, May Adra, Holly Creveling
- 4-002 Hidden talent: the benefits of an In-house training program for pharmacy technicians**, Jean Beach, Julie F. Lanza
- 4-003 Mitigating the increased price of isoproterenol**, Jennifer Brandt, Margaret Breakenridge, Anil K. Kishore
- 4-004 Clinical resource utilization pharmacist: a unique, but necessary position**, Jennifer Brandt, Margaret Breakenridge, Anil K. Kishore
- 4-005 Evaluation of reimbursement potential for inpatient pharmacist services**, Bethany Chandler, HyeJin Grant, Tonya Robertson, Robert Furrey, Morgan Ramey
- 4-006 Use of internet-based survey development software for documentation of pharmacy competency programs**, Teresa Cooper, Jacyntha A. Sterling
- 4-007 Impact of implementation of a multidisciplinary approach to nutrition support on appropriate parenteral nutrition utilization at a community hospital**, Mark Decerbo, Francisca Akoh, Kristina LaBouff, Vincent Yang, Darren Swenson
- 4-008 Organizing and maintaining a functional 340B oversight committee in a disproportionate share hospital**, Courtney Delgado, Brian Sayre
- 4-009 The financial impact of an intravenous (IV) workflow management system in a pediatric hospital**, Yihong Deng, Alex Lin, John Hingl, Jonathan Pemn, Heather Maynard
- 4-010 One-year cost savings after an interchange from tiotropium to ipratropium/albuterol nebulizer solution in a community medical center**, Hugh Easley, Kaci Wilhelm

Ambulatory Care

- 4-011 Antibiotics prescribed in primary care and the incidence of errors**, Mohammed Aljamal, Ahmed S. Aljamal
- 4-012 Description of prescribing patterns and patient characteristics of patients initiated on target specific oral anticoagulants (TSOACs)**, Regina Arellano, Kathy Komperda, Brian Cryder
- 4-013 Treating hepatitis C virus genotypes 1-4 in an ambulatory care setting: outcomes with direct-acting antiviral regimens**, Timothy Bach, Kathy Zaiken
- 4-014 The impact of an ongoing interdisciplinary patient-centered approach on hemoglobin A1C (A1C) in a low-income, uninsured diabetic patient population in a community free clinic**, Ramadas Balasubramanian, S. Marie Dockery, Gracie Liem Gall
- 4-015 Impact of a clinical pharmacist's interventions on patients' knowledge of direct oral anticoagulants (DOAC)**, Simarjit Batth, Jennifer Branch, Janeane Giannini, Teresa Kwong, Richard White
- 4-016 Creating the Connecticut community pharmacy practice network through public-private partnerships**, Thomas Buckley, Marissa Salvo, Mehul Dalal, Monica Jensen, Luis Arroyo
- 4-017 Describing the role of pharmacy in a multidisciplinary care pathway in evaluation of the use of omalizumab in patients with difficult-to-control asthma**, Lindemberg Costa, Charleston Ribeiro Pinto, Antonio Carlos Moreira Lemos, Aramis Tupina de Alcantera, Ilka Magalhães Silva Carneiro
- 4-018 The effect of bariatric weight-loss surgery on diabetic glucose control and reduction in diabetic medications**, Staci Dotson
- 4-019 Evaluation of the safety of oral antineoplastic agents to implement e-health technologies in the pharmacotherapy follow-up**, Vicente Escudero-Vilaplana, Roberto Collado-Borrell, Ana Herranz-Alonso, Carlos Codina-Jane, Maria Sanjurjo-Saez
- 4-020 Evaluating primary medication nonadherence in specialty pharmacy**, Sviatlana Ferri, Rebekah H. Anguiano
- 4-021 Implementation and evaluation of a pharmacist-led prior authorization service in four primary care clinics**, MaRanda Herring, Kelly Walls
- 4-022 Pharmacotherapy clinic implementation in a healthcare-for-the-homeless clinic**, Jaime Hornecker, Michelle L. Hilaire, Cassandra Stith
- 4-023 Community pharmacy experience in Lebanon**, Katia Iskandar, Pascale SALAMEH, Etwal BOURAAD

Automation/Informatics

- 4-024 Improving medication adherence at the point of care using healthcare analytics**, Kevin Chiang, Carl Dominguez, Thong Q. Dang, Abir F. Makarem
- 4-025 Using predictive analytics to identify patients at risk of worsening HA1C control**, Kevin Chiang, Mohamed Umarji
- 4-026 Data analysis to optimize primary national drug code at nine university healthsystem ambulatory pharmacy locations for improved inventory management and cost savings**, Barbara Giacomelli, Brad Myers, Julia M. Chisholm, Rebecca Steel
- 4-027 Initial attempt at smart pump data set optimization and validation for a 16 hospital health system**, Jon Gorton, Kourtney Packer, Michael Rutland
- 4-028 Evaluating the impact of real-time clinical decision support on documented pharmacist interventions**, Gabriel Guerra, Hayley Burgess, Mandelin Cooper, Joan Kramer, Sarah Fraker
- 4-029 Optimizing workflow in a sole community teaching hospital by developing best practices for utilizing automated dispensing technology in order to improve operational and patient outcomes**, Jason Harsanye, Michael Steiger, William Latimer
- 4-030 The clinical impact of medication errors prevented by an intravenous (IV) workflow management system in a pediatric hospital**, Alex Lin, Cory Simonavice, Gehring Aaron, Yihong Deng, Jonathan Penm
- 4-031 Implementation of a name verification label/bar code process for insulin pen single patient administration**, Lauren McCormick

Cardiology/Anticoagulation

- 4-032 Acenocoumarol in nonvalvular atrial fibrillation: assessment of anticoagulation control**, Paula Arrabal-Durán, María Esther Durán-García, María Gómez-Antúnez, Ana Herranz-Alonso, María Sanjurjo-Sáez
- 4-033 Argatroban use for pulmonary embolism in a critically ill patient with end-stage renal disease**, Priscilla Ayala
- 4-034 Clinical and economic impact of an optimization program for reducing bleeding events in patients with acute coronary syndrome**, Ana de Lorenzo-Pinto, Héctor Bueno, Ana Herranz-Alonso, Belén Marzal-Alfaro, María Sanjurjo-Sáez
- 4-035 Evaluation of unfractionated heparin for therapeutic anticoagulation in obese patients**, Jenna Dietrich, Ryan Hobbs, Jamie Smelser

Poster Presentations

- 4-036 Use of the platelet aggregation inhibitor ticagrelor in the management of atherothrombotic conditions: overview of the PARTHENON global clinical trial program**, Paul Dobesh
- 4-037 Treatment failure of apixaban in a patient with metastatic pancreatic cancer**, Nicole East, Jesse Sullivan, Jaclyn Winnicki
- 4-038 Clinical response to inhaled treprostinil in patients with pulmonary arterial hypertension**, Cher Enderby, Charles Burger
- 4-039 Evaluation of oral antithrombotic therapy for hospitalized patients with nonvalvular atrial fibrillation**, Martha Espinoza-Friedman, Rena Coll
- 4-040 Evaluation of regadenoson and dipyridamole for use in pharmacologic stress tests**, Shelby Gaudet, Cara L. Iacobellis, Rudy Seelmann
- 4-041 Clinical pharmacy engagement in a multidisciplinary acute myocardial infarction patient care program at a community hospital**, Shelby Gaudet, Mandy Bradshaw, Rudy Seelmann
- 4-042 Performance of a chromogenic assay in hospital clinical laboratories for the measurement of apixaban concentration in plasma**, James Groce, Bala B. Carver, Douglas B. Cines

Clinical Services Management

- 4-043 Glycemic control among Type 2 diabetic patients in a tertiary hospital**, Mohammed Almeziny, Asma AlMuaither, Bashair AlJumah
- 4-044 Assessment of clinical pharmacists' practice patterns in an inpatient setting**, Brittany Dillard, Alexis E. Peebles, Jessica M. Rademacher
- 4-045 Evaluation of methods for educating pharmacists about pharmacogenomics within a health system**, Henry Dunnenberger, Jae Shin, Annette Sereika, Peter Hulick
- 4-046 Practice model transformation across a national health system**, Lynn Eschenbacher, Roy Guharoy
- 4-047 Bridging the gap: characterization of a dual pharmacist role in drug information and investigational drug services**, Lauren Karel, Rania Sadaka, Cindy Wordell
- 4-048 Extension of clinical pharmacist drug order cancellation**, Mariosa Kieran, Jennifer Brown, Ciaran Meegan
- 4-049 Impact of pharmacy services on the transition of care in the acute care hospital setting**, Viktoriya Malamud, Kira Fedorenko, Alex Wang
- 4-050 Development of a transitions-of-care pharmacist tool to predict 30-day rehospitalization**, Laura McAuliffe, Andrew R. Zullo, Sergio Petrillo, Ruth Dapaah-Afriyie, Christine Berard-Collins

- 4-051 The effect on medication reconciliation through implementation of a pharmacy technician and pharmacist team in the emergency department**, Kelly McNorton, Antoinette Duronio
- 4-052 Implementing policy to reduce hypnotic use to decrease falls**, Parth Patel, Michael J. Sweany, Frank Butler

Critical Care

- 4-053 Evaluation of vasopressin for septic shock in patients on chronic renin-angiotensin-aldosterone system (RAAS) inhibitors**, Beth Erwin, Michael Denaburg, Andrew Barker, Philip McArdle, Samuel Windham
- 4-054 Age-specific effects of an analgesia and sedation protocol in neurocritical care patients**, Leana Mahmoud, Andrew R. Zullo, Corey R. Fehnel, Bradford B. Thompson, Linda Wendell
- 4-055 Effect of modafinil on cognitive function in intensive care unit patients: a retrospective cohort study**, Yoonsun Mo, Michael Thomas, Todd Miano, George Karras, Adam Sakiel

Drug-Use Evaluation/Drug Information

- 4-056 Evaluation of stress ulcer prophylaxis in noncritically ill patients in a regional community hospital**, Shannon Allcron, Kristan E. Vollman
- 4-057 Incorporating medication safety technology data into prevented medication-error trends**, Lyndsey Almon, Malia Manning, Shelley Carruba, Jedidiah Burroughs
- 4-058 Restricting intravenous acetaminophen use: effectiveness of an institutional approach**, Jason Babby, Jashvant Poeran, Nicole Zubizarreta, Karen Banoff, Madhu Mazumdar
- 4-059 Utilization of intravenous acetaminophen in a small community hospital: two years later**, Leslie Barefoot
- 4-060 Effect of patiomer on serum potassium in hyperkalemic patients with Type 2 diabetes on RAAS inhibitors with or without insulin therapy for diabetes**, Wade Benton, Patrick Rossignol, Coleman Gross, Susan Arthur, Matthew Weir
- 4-061 Drug information resources in community pharmacies in Ohio**, Katlyn Brown, Mary Ellen Hethcox, Karen Kier
- 4-062 Evaluation of the diabetic ketoacidosis protocol within a community healthcare system**, Kathleen Calkins, Stacey Dull, Ryan Dull, Erin Santiago
- 4-063 Assessment of potential cost-savings with use of newer antimicrobial agents in a small community outpatient infusion center in Hawaii**, Cherie Chu, Alexander Guimaraes

- 4-064 Review of patient-controlled analgesia orders in a medical and surgical hospital,** Ma Chu, Eric Wombwell, Kristin B. Peterson, Kevin Briner, Nicholas Ngugi
- 4-065 Evaluation of medicine information practice addressed towards nurses at hospital wards at the capital region of Denmark,** Lene Colberg, Helle Armandi
- 4-066 Sodium-glucose cotransporter2 (SGLT2) inhibitor utilization evaluation at a community hospital,** Marsha Crader
- 4-067 Intravenous immunoglobulin use at an academic medical center: a retrospective observational study to validate current practice and shape future management,** Samantha Delibert, Eric Kanouse, Travis Dick
- 4-068 Evaluation of the use of liposomal bupivacaine in a community hospital,** Isha Desai, Samia Fawzi, Lynette Richards
- 4-069 Usefulness of intravesical botulinum toxin in the treatment of overactive bladder,** Belen Escudero Vilaplana, Virginia Saavedra Quirós, Blanca Basagoiti Carreño, Maria Luisa Ibarra Mira, Amelia Sánchez Guerrero
- 4-070 Intravenous acetaminophen: are we doing it right?,** Sandra Ferrara

General Clinical Practice

- 4-071 Online continuous education sources to develop pharmacists' knowledge and skills: an integrative review,** Hani Abdelaziz, Dania Alkhiyami, Sara Mustafa, Adham Mohamed, Rasha Alanany
- 4-072 Development of an intravenous-to-oral route conversion program at a Saudi tertiary care hospital,** Mohammed Almeziny, Hadeel Albalawi
- 4-073 Effects of a pharmacist's participation in a transitions-of-care program on 30-day readmission rates in patients with chronic obstructive pulmonary disease (COPD) and pneumonia,** Jessica Bente, Dawn M. Howard, Jennifer L. Costello
- 4-074 Palatability profile of patiromer, a once-daily oral potassium binder for the treatment of hyperkalemia,** Melanie Brenner, Wade Benton, Natalie Panoy, Charles Du Mond, Dahlia Garza
- 4-075 Challenges and benefits of converting annual progress examination to electronic format,** Michelle Caetano, Norma J. Owens
- 4-076 Interprofessional simulation education from pre-operative to community care,** Nicole Cieri, Kirsten Butterfoss, Stephanie Brian, Karen Mlodozienec
- 4-077 Rare disease, costly drug: the case of eculizumab for atypical hemolytic uremic syndrome (aHUS),** Nathan Dahl, Juliana Perez Botero

- 4-078 Diabetic ketoacidosis associated with olanzapine therapy,** Stephen Dolley, Anna K. Morin, Stephen Larose
- 4-079 The development of a new focus area list including STOPP/START at Odense University Hospital,** Marie-Louise Duckert, Louise Smed Groenkjaer
- 4-080 Ensuring safe and appropriate use of personal insulin pumps for patients during hospitalization,** Sarah Eagleston, Linda Stasiuk
- 4-081 Survey on reconstitution of freeze-dried vials in pharmacy practice in the United States,** Ekaterina Efimova, Bakul Bhatnagar, Jacob Mattox, Adam Craig, Paul Belliveau
- 4-082 Comparison of phenobarbital and benzodiazepine treatment for alcohol withdrawal syndrome (AWS),** Stefanie George, Matthew Reale, Mate Soric, Jessica Cather
- 4-083 Impact of corticosteroid dosing on length of stay and readmission rates in acute chronic obstructive pulmonary disease exacerbations,** Brad Hein, Kelly Laake
- 4-084 Impact of pharmacist interventions on safety and cost savings,** Sara Ibáñez García, Carmen Rodriguez-Gonzalez, Maria Luisa Martin Barbero, Ana Herranz Alonso, Maria Sanjurjo Saez
- 4-085 Assessing anaphylactic reactions among patient-reported medication allergies,** Anna Kabakov, Richard Wenzel
- 4-086 Ensuring patient safety at discharge with the Danish cross-sectorial personal electronic medicine profile (CPEM),** Fjóla Karlsdóttir, Jolene P. Henriksen

Geriatrics

- 4-087 Introduction of individualized patient medication cabinets to improve drug supply and administration,** Mariosa Kieran, Susan Potter, Ciara Dowling, Ciaran Meegan

IV Therapy/Infusion Devices/Home Care

- 4-088 Cost-effectiveness of outpatient parenteral iron therapy (OPIT) program,** Mohammed Almeziny, Dalia Abdelatif
- 4-089 Implementation of dose error-reduction software on infusion pumps in a community hospital,** Grant Bunston
- 4-090 Reducing smart pump alarms in a neonatal intensive care unit: challenges in a unique environment of care,** Kelly Burch, Joan Kohorst, Jonathan Lakamp, Joan A. Kohorst, Jonathan Lakamp

Poster Presentations

Infectious Diseases

- 4-091 Evaluation of incidence and severity of linezolid induced thrombocytopenia at a tertiary hospital facility, Qatar: retrospective cohort study**, Eyad Almadhoun, Hassan Mitwally, Walid Mekkawi
- 4-092 Evaluation of the epidemiology and treatment of healthcare-associated infections in a community teaching hospital**, Andrew Aziz, Rani Madduri, Ashmi Philips, Mini Varghese
- 4-093 Impact of pharmacist-facilitated restriction of daptomycin in an inpatient community hospital**, Sara Badagliacqua, Mike Mesdaghi
- 4-094 Impact of pharmacist antimicrobial stewardship interventions on clostridium difficile infection rates in a large health system**, Sarah Beaty-Vandemark, Jarrod Brubaker, Dan Laferriere, Thomas French
- 4-095 Taking an antibiotic time-out: impact of a seven-day automatic stop order on duration of antibiotics**, Stephen Bienemann, Patricia Saunders-Hao, Jashvant Poeran, Madhu Mazumdar, Gopi Patel
- 4-096 Evaluating compliance with antibiotic guidelines for skin and soft tissue infections in the emergency department**, Jared Borlagdan, Amy Chang, Carol Chenoweth, Tejal Gandhi, Jerod Nagel
- 4-097 Using a readiness checklist and ranking grid to prioritize antimicrobial stewardship initiatives**, Justin Clark
- 4-098 Pharmaceutical care in hepatitis C outpatients: detecting and solving drug interactions**, Roberto Collado-Borrell, Alvaro Giménez-Manzorro, Almudena Ribed-Sánchez, Ana Herranz-Alonso, María Sanjurjo-Sáez
- 4-99 Implementation of a pharmacist-driven hepatitis C management program**, Nicole Croyden, Rani P. Madduri, Joseph Gugliotta, Ashmi A. Philips, Navin Philips
- 4-100 A small community hospital experience with fecal microbiota transplantation for clostridium difficile treatment**, Michael Dimont, Mina Raju, Boris Reznik, Kristy Fitzgerald, John Choi
- 4-101 Clinical outcomes of laboratory-confirmed influenza among hospitalized adults**, Ryan Dull, Sarah Adie, Linda K. Ohri, Christopher Destache
- 4-102 Extended versus intermittent infusion of piperacillin/tazobactam in critically ill patients: a prospective clinical trial**, Sheung Yin Fan, Hoi Ping Shum, Wing Yee Cheng, Yat Hei Chan, McShirley S.Y. Leung
- 4-103 Impact of methicillin-resistant staphylococcus aureus nasal polymerase chain reaction guided stewardship on utilization of vancomycin and linezolid in healthcare-associated pneumonia**, Christopher Fronczek, Lynne Krop, Lawrence Davila, Kathleen Shannon, Nicholas Piccicacco
- 4-104 Improvement of outcomes and reduction of cost in pneumonia care by modifying a care protocol through an antibiotic stewardship multidisciplinary team in a nonacademic community hospital**, Nathan Goracke, Carlos Franco Palacios, Michael May, Carnita Allex, Lucio Minces
- 4-105 Improved antibiotic cost in patients receiving antibiotics through a multidisciplinary antimicrobial stewardship team in a nonacademic, rural, community hospital**, Nathan Goracke, Carlos Franco Palacios, Carnita Allex, Lucio Minces
- 4-106 Pharmacist-led antimicrobial stewardship in a rural community hospital**, Paul Green, Ashley M. Halloran, Chelsey Rashid
- 4-107 Clinical decision support and antimicrobial stewardship: impact on the largest not-for-profit health system in the United States**, Roy Guharoy, Danielle Sebastian, Florian Daragjati, Karen Smethers Smethers, Mohamad Fakh
- 4-108 Hospital patient days and anti-MRSA agent use in the era of active antimicrobial stewardship programs in a large health system**, Roy Guharoy, Mohamad Fakh, Florian Daragjati, Karen Smethers, Dan Leffler
- 4-109 Antimicrobial stewardship programs lead to reduction in antibiotic use and cost savings: results from the largest not-for-profit U.S. health system**, Roy Guharoy, Mohamad Fakh, Florian Dargjati, Dan Leffler, Karen Smethers
- 4-110 Healthsystem compliance with CDC core elements of hospital antibiotic stewardship programs: a two-year review**, Oscar Guzman, Kate Shea, Jessica Sun, Karen McConnell
- 4-111 Impact of student pharmacists on outcomes of an antimicrobial stewardship program in a community teaching hospital**, David Ha, Maria Saleh, Yi-Chih Chiu, Jacqueline Vo, Daniel Gluckstein
- 4-112 Effect of food on the pharmacokinetics of unboosted and boosted tenofovir alafenamide**, Camtu Ho, Joseph Custodio, Yongwu Shao, Xuelian Wei, Brian Kearney

Leadership

- 4-113 Stepping into the future: innovative and advanced roles for pharmacy technicians**, Annette Davis, Denise Propes, Chadi Abbas

Oncology

- 4-114 Actual body-weight chemotherapy dosing for obese patients: moving away from dose limiting regimens**, Aghavny Bebirian, Zaven Norigian
- 4-115 Head-to-head evaluation of closed-system transfer devices in a health-system oncology clinic**, Jay Brown, Rolanda Davis-Lowery, Brian Wallace
- 4-116 Evaluation of the use of rivaroxaban in cancer patients**, Angela DeBerardine, Kendra Yum, Gina Caliendo, Joanne Meyer
- 4-117 Real value of monitoring liver function tests in patients with localized breast cancer receiving AC protocol followed by weekly paclitaxel**, Raul Diez-Fernandez, Alberto Onteniente-Gonzalez, Laura Lopez-Esteban, Santos Enrech-Frances, Teresa Molina-Garcia
- 4-118 Impact on pharmaceutical costs from a bone-modifying agent criteria for oncology patients at a community outpatient infusion center**, Brenda Egan, Nisha Pherwani
- 4-119 Optimizing the care of head and neck cancer patients in a community ambulatory care center: a multidisciplinary approach**, Lisa Farah, Amanda L. Myers, George E. Brown, Rachael M. Lerman, Mehran Saboori
- 4-120 Plasma levels of trastuzumab in gastric cancer: case report**, Jonathan Garcia, Fernando Gutierrez Nicolas, Gloria Julia Nazco Casariego, Guillermo González de la Fuente, Maria Micaela Viña Romero
- 4-121 Polymorphisms in drug transporter genes and risk of relapse among stage II or III colorectal cancer patients treated with capecitabine**, Xandra Garcia-Gonzalez, Maria I Garcia-Garcia, Ana Herranz-Alonso, Maria Sanjurjo, Luis A Lopez-Fernandez
- 4-122 Toxicity 5-fluorouracil associated mutation 1896T>C in the dihydropyrimidine dehydrogenase (DPYD) enzyme: a case report**, Guillermo Gonzalez de la Fuente, Fernando Gutierrez, Itamar Gonzalez, Gloria Julia Nazco, Ruth Ramos
- 4-123 Study of health outcomes in pancreatic cancer: preliminary results**, Guillermo Gonzalez de la Fuente, Fernando Gutierrez, Jonathan Gonzalez, Sara Garcia, Gloria Julia Nazco
- 4-124 Impact of pharmacist discharge interventions on medication-related readmissions among oncology patients**, Lela Hall, Anay Moscu, Cathleen Charles, Moe Shwin, Maria Figueroa
- 4-125 Evaluation of a double-check system in the creation and validation of chemotherapy protocols in a clinical trials unit**, M Carmen Herrero Domínguez-Berrueta, Paula Arrabal Durán, María Norberta Sánchez Fresneda, Ana Herranz Alonso, María Sanjurjo Sáez

Pain Management

- 4-126 Self-management of pain among pharmacy students**, David Axon, Carlos Hernandez, Marion Slack
- 4-127 Impact of liposomal bupivacaine in total hip and knee arthroplasties**, Marsha Crader, Willie Capers
- 4-128 Assessing the role of intravenous lidocaine infusions for chronic pain in an ambulatory pain management clinic**, Omar Eltair, Jennifer H. Elfman, Joseph Civello, Michelle Matthews

Pediatrics

- 4-129 Heparin-induced thrombocytopenia in pediatric patients: reconciling the 4Ts, HEP score, heparin-platelet factor 4 antibody, and serotonin release assay**, Tara Bergland, Jamie Smelser, Janice Staber
- 4-130 Importance of pharmacist participation in patients with infantile hemangioma treated with propranolol**, Saul Castaneda, Hermila Gonzalez, Hermelinda De la Cruz, Jose Luis Sanchez
- 4-131 A multifacility health system's experience in enhancing patient safety through optimization of computerized provider order entry (CPOE) for pediatric populations: failure mode effect analysis (FMEA) to identify opportunities**, Jennifer Harris, Kara Murray, Caren Fancher, Connie L. Saltsman, Karla M. Miller
- 4-132 Process improvement in filling pediatric prescriptions requiring powdering**, Suejean Kim, Minji Goo, Myungsook Min, Jeongmee Kim, Youngmee Lee

Pharmacokinetics

- 4-133 Evaluating the use of vancomycin in hemodialysis patients at a community hospital**, Melanie Flinn, Jacqueline Pitts, Christine Dinh
- 4-134 Evaluation of blood drug concentration and intracellular IFN- γ and IL-2 expression as surrogate markers for acute rejection and opportunistic infection following kidney transplantation**, Takuya Iwamoto, Kohei Nishikawa, Yoshiki Sugimura, Masahiro Okuda
- 4-135 Evaluation of pharmacokinetic calculators to estimate vancomycin dosing in Hawaii's Asian population**, Michelle Kim, Roy Goo, Patrick Chan
- 4-136 Estimation of the initial dose setting of vancomycin therapy in subjects with microalbuminuria**, Hiroshi Kimura, Akihiro Tanaka, Shinichi Watanabe, Mamoru Tanaka, Hiroaki Araki

Poster Presentations

Pharmacy Law/Regulatory/Accreditation

- 4-137 Use of advanced pharmacy practice experience (APPE) evaluations to demonstrate achievement of student learning outcomes**, Michelle Caetano, Ajinkya M. Pawar, Norma J. Owens
- 4-138 Establishing a statewide sterile compounding alliance for review and implementation of sterile compounding regulations related to hospital practice**, Jacqueline Costantino, Shannon Baker, Lisa Tortora, Jennifer H. Beauth, Elaine Wojcik
- 4-139 South Dakota practice advancement initiative hospital self assessment comparison to the nation**, Tadd Hellwig, John Kappes, Tarryn Jansen

Practice Research/Outcomes Research/Pharmacoeconomics

- 4-140 Information required in research reports for inclusion in meta-analysis: cohort studies for evaluating the impact of pharmacist care on diabetes outcomes**, Nimer Alsaïd, Abdulaali Almutairi, Maryam Fazel, Jeannie Lee, Marion Slack
- 4-141 Information required in research reports for inclusion in meta-analysis: cohort studies of pharmacy-supported transition of care and 30-day readmission rates**, David Axon, Lili Zhou, Chinmayee Katragadda, Amanda Harrington, Marion Slack
- 4-142 Outcomes of an economic model comparing human regular U-500 insulin 20-mL vials and 3-mL pens in United States hospitals**, Wendy Bibeau, April Taylor, Steven Babineaux, Kari Kelton, Sinem Perk
- 4-143 Cost savings associated with utilization of donated medication program in a hospital outpatient pharmacy setting**, Hillary Blackburn, Anita Stanford, David Neu, Jordan Holland, Austin Weaver
- 4-144 Influence of cisplatin on DNA extraction for later genomic characterization**, Verónica Casañas-Sánchez, Ruth Ramos-Díaz, Alejandra Rodríguez Capote, Gloria Julia Nazco Casariego, Fernando Gutiérrez Nicolás
- 4-145 Utilization of just-in-time methodology to improve pharmacy operations**, Melissa Diamond, Jerry D. Smith, Thanh Nguyen
- 4-146 Innovative residency readiness elective: student perceptions regarding usefulness and applicability of course**, Kathy Eroschenko, Catherine Olipant, Tom Wadsworth, Glenda Carr
- 4-147 Time to reach coverage gap and catastrophic coverage: a Medicare Part D claims analysis among beneficiaries with chronic obstructive pulmonary disease (COPD)**, Vaidyanathan Ganapathy, Lin Xie, Yuexi Wang, Qisu Zhang, Onur Baser

- 4-148 Evaluation of hospital readmission in smokers and nonsmokers via Humedica real-world data**, Scott Glosner, Tim Mullenix, Kelly Zou, Christine Baker, Margaret McDonald
- 4-149 Effect of pharmacist interventions on drug cost savings in a collaborative, unit-based practice model**, Rebecca Greene, Andrew Zullo, Christine Berard-Collins
- 4-150 Involvement of clinical pharmacist at the migrant health clinic at Odense University Hospital**, Mirza Gunic
- 4-151 Impact of antimicrobial stewardship program implementation on antibiotic expenditures, bacterial resistance, and Clostridium difficile incidence at a suburban community hospital**, Eugene Kolomiyets, Ihab Ibrahim, Tamar Berger, Howard L. Sussman

Preceptor Skills

- 4-152 National survey of postgraduate year 2 (PGY2) critical care preceptor professional development engagement**, Ann Biesboer, Joel Feih
- 4-153 A longitudinal project designed to enhance student understanding of how a clinical skill set can be transferred to a real pharmaceutical industry activity**, Colin Gillis, Katherine Carey, Aakash Dheri, Ekaterina Efimova, Bhumi Patel
- 4-154 Helping IPPE students become practice-ready pharmacists**, Michael Kendrach, Peter J. Hughes

Quality Assurance/Medication Safety

- 4-155 Evaluating medication reconciliation in hospitals: the process of selecting, assessing, and applying assessment tool**, Mohammed Aljamal
- 4-156 Impact of computerized prescriber order entry on the reduction of occurrences associated with override medications at an academic teaching hospital**, Varintorn Aramvareekul, Geoffrey Cox, Haseena Hakeem
- 4-157 In-house microbial air and surface sampling: lessons learned**, Denise Arena
- 4-158 Assessment of usage and effectiveness of an updated health-system adult DKA (diabetic ketoacidosis) order set**, Rosario Avelino, Cara L. Phillips, Deepak Taneja, Bridget Mattson, Marjorie L. Oliver
- 4-159 Design and implementation of a system to maintain stock of critical medications**, Michael Barberio
- 4-160 Combating the opioid abuse epidemic: what can a hospital pharmacy do to help?**, Lisa Block, Nancy Rampe, Brian Latham, Brenda Hoang, Margaret Sant

- 4-161 Assessing the public's understanding of the regulation of dietary supplements**, Brittany Carroll, Jessica Morrison, Taylor Boyer, Laura Perry
- 4-162 Aligning education and research with service delivery providing real-time CPD**, Mairead Casserly, Ciaran Meegan, Jennifer Brown, Laura McCabe, Mariosa Kieran
- 4-163 Adult crash carts: process changes improve staff productivity**, Gayle Cotchen, Rosella Hoffmann
- 4-164 Development of a neonatal IV dilution chart to increase standardization and ensure consistent preparation of neonatal sterile products**, Holly Creveling, Denise Arena, Rena Lithotomos, Margaret Stephan
- 4-165 A retrospective evaluation of the use of continuous insulin infusion in a community hospital**, Martha Espinoza-Friedman, Megan Zaleski, Carmen Villabona
- 4-166 Tracking and trending anesthesia controlled substance discrepancies using an electronic database**, Rebeca Gansari, Julie Golembiewski, Adam Bursua, Richard Banchs
- 4-167 Impact of pharmacy-driven metabolic monitoring of patients on antipsychotics**, Emily Gray, Teresa Cooper
- 4-168 Evaluating medication use in the operating room**, Courtney Hebert, Cindy Holcombe

Small and Rural Pharmacy Practice

- 4-169 Impact of the implementation of computerized prescriber order entry and automated dispensing cabinets on a medication-error analysis program**, James Williamson, Ginger Bain

Emergency Medicine/Emergency Department/ Emergency Preparedness

- 4-170 Surge capacity: design and implementation of a scalable response plan for crisis situations**, Michael Barberio, Angela McIntosh
- 4-171 Impact of emergency department pharmacist on appropriate antimicrobial therapy for community-acquired and healthcare-associated pneumonia**, Brett Faine, Jenna Dietrich, Laura Meadow, Karisa Harland, Nicholas Mohr
- 4-172 Factors associated with availability of anticoagulation reversal agents in rural and community emergency departments: a mixed methods study**, Brett Faine, Julie Amendola, Jordan Homan, Azeemuddin Ahmed, Nicholas Mohr

TUESDAY, DECEMBER 6

Categories: Administrative Practice/Financial Management /Human Resources, Ambulatory Care, Automation/ Informatics, Cardiology/Anticoagulation, Clinical Services Management, Critical Care, Drug-Use Evaluation/Drug Information, Emergency Medicine/Emergency Department/Emergency Preparedness, General Clinical Practice, Geriatrics, IV Therapy/Infusion Devices/Home Care, Infectious Diseases, Leadership, Oncology, Pain Management, Pediatrics, Pharmacokinetics, Pharmacy Law/Regulatory/Accreditation, Practice Research/Outcomes Research/Pharmacoeconomics, Preceptor Skills, Quality Assurance/Medication Safety, Small and Rural Pharmacy Practice

Administrative Practice/Financial Management / Human Resources

- 6-001 Development and implementation of systemwide staff education modules for medications with risk evaluation and mitigation strategy (REMS) programs**, Stephanie Gregg, Gina Caliendo
- 6-002 Evaluation of student knowledge following an elective in preparation for pursuing postgraduate residency training**, Drayton Hammond, Jordan M. Rowe, Tessa L. Wiley, Jacob Painter
- 6-003 Development, progression, and successes of a comprehensive pharmacy technician career ladder**, Julie Lanza, Jean Beach
- 6-004 Onboarding talimogene laherparepvec at a large academic teaching hospital**, Zaven Norigian
- 6-005 Distribution and inventory management of high-cost medications at a large academic medical center**, Robyn Pisacane, Adrienne Donaldson, Marjorie Lazarre, Christine Hong, Molly Leber
- 6-006 Pharmacy residency program director maternity leave impact on current residents**, Lisa Richter, Lisa Nagel
- 6-007 Implementation of dedicated pharmacy education and research managers in a large integrated health system**, Elizabeth Sebranek Evans, Richard H. Ensign, Sabrina W. Cole
- 6-008 Maintaining formulary standardization across multiple technological systems in a multisite healthcare network**, Shannon Smallwood
- 6-009 Establishing pharmacist workflow metrics to guide staffing patterns in an outpatient oncology pharmacy satellite**, Andrew Szkiladz, Jonathan Angus, Mark Heelon, Erin Taylor

Poster Presentations

Ambulatory Care

- 6-010 Implementation of a new multidisciplinary clozapine clinic with finger capillary blood sampling capabilities**, Jonathan Leung, Emily K. Johnson, Brian Palmer
- 6-011 Design and implementation of comprehensive, team-based care in a federally qualified health center to improve diabetes and depression outcomes**, Brody Maack, Mykell Barnacle, Amy Werremeyer, Mark Strand, Sarah Schmidt
- 6-012 Adherence, quality of life and patient satisfaction with dalfampridine in clinical practice**, María Belén Marzal-Alfaro, María Luisa Martín Barbero, Ana de Lorenzo-Pinto, Ana Herranz-Alonso, María Sanjurjo-Saez
- 6-013 Impact of a pharmacist-run telemedicine clinic on medication adherence rates in the incarcerated hepatitis C population**, Diana Mei, Alisha Patel, Leo Pratt, Lillian Bellfi, Juliana Chan
- 6-014 Applying lean methodology to improve hepatitis C care within the Veterans Health Administration**, Jenny Mullakary, Ashley Smith, Whitney Rockefeller, William Lukesh
- 6-015 Impact of an interprofessional diabetes specialty clinic for uninsured patients**, Scott Brauer, Kathleen Packard, Kathy Hoebelheinrich, Emily Mannschreck, Kris Saunders
- 6-016 Management of adverse effects from pegylated interferon plus ribavirin in incarcerated patients infected with hepatitis C in a pharmacist-run telemedicine clinic**, Alisha Patel, Diana Mei, Leo Pratt, Lillian Bellfi, Juliana Chan
- 6-017 Impact of supporting pharmacists in the primary care network**, Jarred Prudencio, Stephanie Roberts, Stephanie Marin
- 6-018 Pharmacological and nonpharmacological therapy among bariatric surgery patients**, Jihan Safwan, Faraj K. Saade, Marwan G. Akel, Michelle Cherfan, Katia Iskandar
- 6-019 Two-year retrospective review of outpatient clinical pharmacy interventions in patients with hypertension at an academic medical center**, Maria Thurston, Caitlin Jenkins
- 6-020 Evaluating medication adherence in patients who receive financial assistance for prescriptions**, Linnea Tokushige, Ann Ryan Haddad, Jessica Skradski
- 6-021 Time in therapeutic range for a rural pharmacist-run anticoagulation clinic**, Dominique Werge, DeAnna Manarang, Jacob Schwarz, Michael Nguyen

- 6-022 Impact of clinical pharmacists' interventions on the management of mineral and bone disorder in chronic hemodialysis patients**, Mohammad Zaitoun, Sara Hazem, Khaled Al Al-Sheikh, Adel Abou Ali

Automation/Informatics

- 6-023 Implementation of clinical decision support (CDS) within computerized prescriber order entry (CPOE) system guiding intravenous immunoglobulin (IVIG) orders and product selection at a large health system**, Joseph Moss, Bridget Gegorski
- 6-024 Royal Victoria Regional Health Centre pharmacy evaluation of plastic vials in a robotic intravenous admixture machine**, Paul Moyer, Sean Hopkins, Dawn Hallyburton
- 6-025 Optimizing efficiency with automated dispensing cabinets (ADCs)**, Gavin O'Brien, Brendan M. Kuchenbecker, Nicholas J. Nobles, Laura A. Caracci, Thomas P. Lombardi
- 6-026 Environmental contamination of 5-fluorouracil during mixing by the robot**, Yoshiyuki Sano, Tomoko Morita, Yasuhiko Ichida, Shinichiro Saito, Masakazu Yamaguchi
- 6-027 Creation and implementation of an electronic pharmacy processing system for research medications**, Margaret Stephan, David Mangan, Stephen Maynard, David Grosso, Lois Hurst
- 6-028 Technology-induced prescription errors associated with computerized provider order entry software**, Manuel Vélez-Díaz-Pallarés, María Muñoz García, Ana M. Álvarez Díaz, Teresa Bermejo Vicedo
- 6-029 Adaptation of a hybrid computer prescriber order entry (CPOE) system in an oncology centre of a multi-site tertiary care teaching hospital**, Anjie Yang, Karen Ong, Wallace Lam, Celina Dara, Jin Huh

Cardiology/Anticoagulation

- 6-030 Pharmacist-managed glycemic control after cardiothoracic surgery**, Brad Hein, Tyler Dickerson
- 6-031 How clinical pharmacists improve outcomes in heart failure patients being treated with intravenous (IV) loop diuretic therapy**, Ashley Hinton, Kathleen Duke
- 6-032 Assessment of an intravenous chlorothiazide restriction protocol on prescribing practices and outcomes in acute decompensated heart failure**, Alexander Kantorovich, Michaela Smith, Brittnei Botchway-Bradley, George Gavrilos, Rolla Sweis
- 6-033 Impact of direct oral anticoagulants on anti-factor Xa levels utilized for monitoring heparin: an unanticipated drug-laboratory interaction**, Kelly Macedo, Peter J. Tatarian, Kenneth R. Eugenio

- 6-034 Dosing heparin utilizing adjusted body weight in obese patients for the treatment of venous thromboembolism**, Derek Nadeau, Sarah M. Green, Emily K. Dornblaser
- 6-035 Impact of health literacy level on time in therapeutic range in patients on chronic anticoagulation managed through a telephone-based service**, Anne Ottney, Emma Holmi
- 6-036 Evaluation of a comprehensive pharmacist education consult service for patients on oral anticoagulants**, Frank Rigelsky
- 6-037 Assessing the appropriateness of venous thromboembolism (VTE) prophylaxis in the internal medicine and cardiology services in a Lebanese hospital**, Marwan Sheikh-Taha, Rim Moukhadder, Narik Zadikian
- 6-038 Enoxaparin treatment dose and bleeding: a focus on obesity and moderate renal impairment**, Jamie Smelser, Alex Mersch
- 6-039 4-Factor prothrombin complex concentrates (Kcentra) for reversal of warfarin-related anticoagulation in patients with intracranial hemorrhage: changing processes to expedite INR reversal**, Jamie Smelser, Brett Faine
- 6-040 Making the switch from dipyridamole to adenosine in pharmacologic cardiac stress testing**, Janemarie Viscardi, Christine Chun
- 6-041 Comparison and evaluation of a higher versus lower heparin weight-based dosing protocol for the treatment of deep vein thrombosis and pulmonary embolism**, Jaclyn Yodice, Christine Price, Jovino Hernandez

Clinical Services Management

- 6-042 Implementation of a novel resident-led pharmacy transitions-of-care service**, Kate Perica, Lisa Slater
- 6-043 Impact of pharmacist involvement on time to first antibiotic administration for emergency room patients with severe sepsis or septic shock**, Kerry Rinato, Antoinette Pretto-Sparkhul, Laura Viti, Susan Batcheller, Olushola Adeleye
- 6-044 Usefulness of the pharmaceutical care for treatment with dementia outpatients**, Yuhki Sato, Aoi Yoshiiwa, Ryosuke Tatsuta, Eishi Miyazaki, Hiroki Itoh
- 6-045 Successful medication initiative development and implementation in a large health system**, Karen Smethers, Roy Guharoy, Jeffrey Seggerman, Dan Leffler, Lynn Eschenbacher

- 6-047 Outcomes of a prescription bedside delivery program on hospital readmission in a community teaching hospital**, Tyler Tomasek, Daniel Lewis, Jason F. Milner
- 6-048 Novel approach to pharmacist participation on daily patient rounds**, Janemarie Viscardi, Christine Chun
- 6-049 Pharmacy-clinical nutrition collaboration on oral nutritional supplement education in an ambulatory care services countywide health system**, Jerry Wong, Leisa Bryant, Sarah Bodine, Goldina Erowele, Jacqueline Milton-Brown
- 6-050 Implementation of a pharmacist-driven transitional care process targeting patients at risk for readmission based on an internally developed readmission risk assessment (RRA) tool**, Kevin Yeh, Alyssa Sterling, Kanan Shah

Critical Care

- 6-051 Assessment of rectal quetiapine utilization in critical care settings**, Sarah Nelson, Jonathan G. Leung, Brianne M. Ritchie, William Bobo, Maria Lapid
- 6-052 Rebound elevation of international normalized ratio 48 hours after administration of four factor prothrombin complex concentrate**, Melissa Raich, Frank Rigelsky
- 6-053 Impact of pharmacy-led education and intervention in management of ICU delirium**, Sarah Volgas, Tonya Robertson, HyeJin Grant, Corey Hayes, Robert Furrey

Drug-Use Evaluation/Drug Information

- 6-054 Dimethyl fumarate: adherence, effectiveness, and safety**, Maria Fortes, Jose De Miguel, Leticia Herrero, Lucia Villamayor, Carmen Freire
- 6-055 Appropriate prescribing of methylglutathione bromide at a community hospital: a medication-use evaluation**, Brad Hein, Andrea Bergen
- 6-056 Evaluation of use of dipeptidyl peptidase-4 inhibitors in an academic teaching hospital in Japan**, Makiko Iwasawa, Koichiro Atsuda
- 6-057 Reformulation of formulary process, structure, and policy in a large health system**, Indrani Kar, Joseph T. Moss, Jason E. Glowczewski, Shawn M. Osborne
- 6-058 Incidence and severity of adverse events associated with mammalian target of rapamycin inhibitors in Korean major center**, Youngae Kim, Kwang-Woong Lee, Hyeyoung Kim, Nam-Joon Yi, Kyung-Suk Suh

Poster Presentations

- 6-059 Real-world impact of prophylactic pegfilgrastim in diffuse large B-cell lymphoma (DLBCL) patients receiving cyclophosphamide, doxorubicin, vincristine, and prednisolone (CHOP) with or without rituximab chemotherapy in Korea,** Mi-Ri-Nae Lee, Hye-Won Han, Jae-Youn Kim, Hyesun Gwak
- 6-060 Medication-use evaluation of anidulafungin in a secondary care hospital,** Maria Leon-Martinez, Nancy Morales-Berrios, Hilda Aleman, Miguel Colon, Pedro Jusino
- 6-061 Characterization of admitting diagnoses in medically hospitalized patients prescribed clozapine: a focus on gastrointestinal and pulmonary events,** Jonathan Leung, Sarah Nelson, Jason Barreto, Robert J. Morgan
- 6-062 Study of the association of urinary tract infections occurrence and the use of azathioprine in kidney transplant patients,** Aline Milane, Pascale Salameh, Antoine Barbari
- 6-063 Improving adherence to Centers for Disease Control and Prevention (CDC) recommendations for quadrivalent meningococcal (QM) vaccination in anatomical asplenia,** Nicholas O'Rourke, Whitney Bergquist
- 6-064 Demonstration of unique and differentiating features of USL255, (Topiramate) extended-release capsules, through phase 1 studies,** Anna Plasch, Kristi K. Spitzmueller, Bethany Z. Dimaculangan, Mark B. Halvorsen
- 6-065 Efficacy, tolerability, and safety of USL255, (topiramate) extended-release capsules, for the treatment of refractory partial-onset seizures,** Kristi Spitzmueller, Bethany Z. Dimaculangan, Anna M. Plasch, Mark B. Halvorsen
- 6-066 Intractable agitation due to trazodone in two traumatic brain injury patients undergoing acute inpatient rehabilitation — involvement of CYP2D6 polymorphism as a possible mechanism.,** Nadia Tancredi, Rishi Shah
- 6-067 Nutritional strategies in colorectal cancer after major intraabdominal surgery,** Silvia Vazquez, María Fortes, María García, Lara González, Carlos Crespo-Diz
- 6-068 Trends in erythropoiesis stimulating agents use among patients with nonmyeloid malignancies treated with chemotherapy in a large tertiary care hospital in the United Arab Emirates,** Lina Wahba, Alia Alawneh, Medhat Elsaid, Hassan Jaafar, Mohammed Jaloudi
- 6-069 Identifying and implementing a pharmacist-driven, cost-savings initiative in orthopedic surgery through a community hospital and physician co-management agreement,** Jeffrey Wilson, Maxwell Thomas

General Clinical Practice

- 6-070 Evaluation of micafungin usage before and after antimicrobial stewardship program (ASP) implementation,** Mohammed Khedr, Lynette Richards, Samia Fawzi
- 6-071 Impact of transitions-of-care pharmacy services on Medicare beneficiaries' 30-day readmission rates,** Rezarta Lako, Arin Affonso, Jeff D. Huntress
- 6-072 Implementing practice guidelines for intradialytic hypotension (IDH) prevention and management at a small long-term acute care hospital (LTACH): one-year follow-up,** Helena Lee, Vernetta Scott, James Park, Brian Beckett, Arnold Dallas
- 6-073 Implementation of a standardized process for pharmacist monitoring of medications with a narrow therapeutic window,** Ann Lloyd, Teresa Cooper, Vivian Carson
- 6-074 Evaluation of the training and implementation of the New Mexico pharmacist-performed tuberculosis testing program,** Stefanie Logothetis, Matthew Borrego, Amy Bachyrycz, Graham S. Timmins, Bernadette Jakeman
- 6-075 Current practice patterns in the management of alcohol withdrawal syndrome: a case-based survey study,** Yoonsun Mo, Michael Thomas, Natalia Shcherbakova, Megan L. Bankert, Robert H. Halloran
- 6-076 Determining the appropriateness and safety of discontinuing metformin upon admission in the inpatient noncritically ill setting: a retrospective study,** Robyn Moodt, Mate Soric
- 6-077 Impact of a pharmacist-directed discharge medication review pilot on the accuracy of medication reconciliation in an acute care community hospital,** Khanh Ngo, Erika Patel, Charles Schlembach, Kaye Rathmann, Ran Xu
- 6-078 Evaluation of the post-acute care transitions (PACT) pharmacists' role,** Kaitlin O'Rourke, Ilona Grigoryan
- 6-079 The impact of pharmaceutical medication review, medication interview before discharge, and follow up on the incidence of patient satisfaction and readmissions: a randomized clinical trial,** Lene Ravn-Nielsen
- 6-080 Thromboprophylaxis practice in surgical patients and clinical outcomes: analyze to optimize,** Almudena Ribed, Ana Lorenzo-Pinto, Esther Duran-García, Ana Herranz-Alonso, María Sanjurjo-Sáez
- 6-081 Pharmacist-managed penicillin allergy skin testing in an inpatient rehabilitation hospital setting,** Stacia Rumer, Erin Miller

- 6-082 Impact and cost benefit of pharmacy student provided medication reconciliation in community hospital**, Alyssa Shangraw, Olivia Emerson, Piyushkumar Amin
- 6-083 The effect of pharmacy counseling on the patient hospital experience**, Bradley Shinn, Stephon Poulton, Thomas Foti
- 6-084 Impact of multidisciplinary transition-of-care rounds on average length of stay in a community teaching hospital**, Lori-Belle Slone, Brittany Riley, Charbel Salem, Heidi Moore
- 6-085 Evaluation of effectiveness of pharmacist-driven education on inhaler technique for hospitalized patients at a community teaching medical center**, Khushbu Thaker, Ashmi Phillips, Hinal Patel, Thom Nguyen, Navin Phillips
- 6-086 Retrospective analysis assessing the relationship between health literacy and medication adherence**, Anthony Zaki, Michael J. Gonyeau

Geriatrics

- 6-087 Potentially inappropriate medications in elderly Japanese patients: effects of pharmacists' assessment and intervention based on screening tool of older persons' potentially inappropriate prescriptions criteria version 2**, Takeshi Kimura, Fumie Ogura, Tatsuya Nishioka, Ikuko Yano, Midori Hirai
- 6-088 Optimizing geriatric pharmacotherapy in a community hospital**, Ursula Zienkiewicz, Lynette M. Richards

IV Therapy/Infusion Devices/Home Care

- 6-089 Analysis of alerts and drug library limits in smart pumps following implementation**, Kendra Delibert, Jedidiah Burroughs
- 6-090 Utility of smart pump infusion dosing limits to prevent intravenous (IV) medication errors**, Antoinette Duronio
- 6-091 Evaluating the accuracy and precision of chemotherapy preparations — single center site analysis**, Stephen Eckel, Stephanie Salch, Ashley Paruscio, Lindsey Amerine

Infectious Diseases

- 6-092 Adherence to Infectious Diseases Society of America guidelines for the treatment of uncomplicated urinary tract infections in community pharmacies**, Wissam Kabbara, Mohamad Meski, Wijdan Ramadan, Pascale Salameh
- 6-093 Reducing the inappropriate use of ertapenem for antimicrobial prophylaxis in noncolorectal intraabdominal surgery**, Kyung Kim, Jered M. Arquette

- 6-094 Comparison of timely oseltamivir to delayed therapy in hospitalized patients**, Samuel LaFollette, Mate Soric
- 6-095 Impact of an antimicrobial stewardship program (ASP) at a long-term acute care hospital (LTACH): four-year follow-up**, Qutina Mack, Helena Lee, Ashebir Woldeabezgi, Brian Beckett, Diane White
- 6-096 Treatment response rates among cirrhotic hepatitis C patients under the care of a clinical pharmacist at an urban academic medical center**, Michelle Martin, Myrna Rivas, Victoria Ramos, Grace Go, Darby Rosenfeld
- 6-097 Randomized, double-blind comparison of tenofovir alafenamide (TAF) versus tenofovir disoproxil fumarate (TDF), each co-formulated with elvitegravir, cobicistat, and emtricitabine for initial HIV-1 treatment: week 96 results**, Patricia Martin, David Wohl, Shinichi Oka, Nathan Clumeck, Marshall Fordyce
- 6-098 Switching from boosted atazanavir (ATV) plus emtricitabine/tenofovir disoproxil fumarate (FTC/TDF) to a tenofovir alafenamide (TAF) based single-tablet regimen (STR): week 48 data in virologically suppressed adults**, Patricia Martin, Bart Rijinders, Christoph Stephan, Mehri McKellar, Scott McCallister
- 6-099 Creation and use of a computerized retrospective algorithm for reportable indication-specific antibiotic stewardship metrics**, Gregory Matsuura, Kelly L. Artiga
- 6-100 Utilization of ceftaroline in a large tertiary care, public, metropolitan hospital with an active antibiotic stewardship program (ASP)**, Dhara Mehta, Harold Horowitz, Bella Kohn, Michael Blumenfeld
- 6-101 Tenofovir alafenamide (TAF) compared with tenofovir disoproxil fumarate (TDF) in patients with HBeAg-negative and HBeAg-positive chronic HBV (CHB): an integrated analysis of safety and efficacy from two phase 3 studies**, Sarjita Naik, Maria Buti, Henry Chan, Calvin Pan, John Flaherty
- 6-102 Internally developed antifungal use benchmarking at a large academic medical center and integrated health system**, Andrea Pallotta, Elizabeth Neuner, Vasilius Athans, Jeffrey Chalmers, Steven Gordon
- 6-103 Evaluation of directly observed therapy with three months of once-weekly isoniazid and rifampentine for latent tuberculosis infection at an outpatient infectious diseases clinic in an academic medical center**, Andrea Pallotta, Cyndee Miranda, Lucileia Teixeira
- 6-104 Antifungal prescribing during initial implementation of candidemia early detection and species identification testing with T2Candida panel**, Falguni Patel, Elizabeth P. Young

Poster Presentations

- 6-105 Impact of pharmacist-led review and intervention of positive blood culture**, Radha Patel, Helen Lee, Steve Park
- 6-106 Raoultella species infection in a body fluid and sputum culture**, Kerry-Ann Peters, Scott E. Brown, Scott E. Brown, Poonsri Pantutamnitya, Huston R. Powell
- 6-107 Optimizing antibiotic selection for the treatment of acute bacterial skin and skin structure infections (ABSSSIs)**, Nicholas Piccicacco, Lynne Krop, Jonathan Grey, Katie Martinkovic, Kathleen Shannon
- 6-108 Treatment of acute bacterial skin and skin structure infection (ABSSSI) with single dose dalbavancin in an outpatient setting**, Sailaja Puttagunta, Urania Rappo, Pedro Gonzalez, Karthik Akinapelli, Michael Dunne
- 6-109 Eradicating community acquired extended spectrum beta lactamase (ESBL) producing Escherichia coli using fosfomycin**, Jihan Safwan, Faraj K. Saade, Marwan G. Akel, Michelle Cherfan, Etwal Bou Raad
- 6-110 Antimicrobial stewardship in the setting of a piperacillin/tazobactam shortage**, Justin VandenBerg, Jeffrey O'Connell, Makini Alleyne, Oscar Guzman, Katherine M. Shea
- 6-111 Non-lactose fermenting culture designation before organism identification: predictive value for Pseudomonas and impact on prescribing at a community hospital**, Nissy Varughese, Gemma Downham, Ruth Hackney, Joseph Reilly, Manish Trivedi
- 6-112 Rate of positive cultures necessitating definitive therapy in patients receiving empiric vancomycin**, Dustin Waters, Josh Caraccio
- 6-113 Re-implementation of an antimicrobial stewardship program results in a first-year savings of about 900,000 dollars**, Warren Wood, Matthew Chandler, Nicole Reynolds, Bobby Izadi, Winna Asuming
- 6-114 Effect of drug shortage mitigation strategies on time to ampicillin/sulbactam administration**, Andrew Zullo, James Beaulieu, Christine M. Berard-Collins

Leadership

- 6-115 Impact of a structured residency preparation program on match results**, Vicky Shah, Thomas Franko, Erica Hoot, Nicole Pezzino

Oncology

- 6-116 It's not just ACE-Is: angioedema caused by the combination of everolimus and losartan**, GaEun Joung, Arsheena Yassin, Minaxi Jhawer, Joseph Cruz, Jeff Nemeth
- 6-117 Comparison of the rates of Clostridium difficile and bacteremia after delaying fluoroquinolone prophylaxis from day 0 to day +3 post-autologous hematopoietic stem cell transplantation**, Karin Koseck, Amir Steinberg, Gina Caliendo, Joanne Meyer, Sara Kim
- 6-118 Development of a novel oxaliplatin desensitization protocol with smart pump compatibility**, Nicholas Link, Bernadette A. Clark, Marc Earl
- 6-119 Benefits of the novel use of a compounded oral suspension in chemotherapy and radiotherapy induced mucositis**, Mireya Manes Sevilla, M.B. Marzal-Alfaro, Eva González-Haba, Ana Herranz, María Sanjurjo
- 6-120 Nw-hydroxy-L-Arginine as a sensitive and stable indicator for determining ethnic and estrogen-receptor-specific breast cancer disease progression**, Srinidi Mohan, Kelly Frazier, Cathy Ng, Nancy Moua, Ian Greenstein
- 6-121 Estimation of optimal monitoring points used for surveying occupational exposure to antineoplastic agents**, Tomoko Morita, Yoshiyuki Sano, Yasuhiko Ichida, Shinichiro Saito, Masakazu Yamaguchi
- 6-122 Tbo-filgrastim-induced marked leukocytosis in a community hospital**, Kerry-Ann Peters
- 6-123 Interdisciplinary implementation of tacrolimus intravenous standard concentration**, Brandon Shank, Melissa Deaver, Alan Myers, Brent Anderegg, Michael Westmoreland
- 6-124 Preparing for United States Pharmacopeia (USP) 800 compliance: evaluating the effectiveness of two closed-system transfer devices (CSTDs) on preventing hazardous drug surface contamination**, Andrew Szkiladz, Scott Gray, Erin Taylor
- 6-125 Operationalization of a new oncolytic viral therapy at a large health system**, Cheryl Wood, Karen Donato, Indrani Kar

Pain Management

- 6-126 Evaluating intravenous acetaminophen in bariatric surgery patients**, Michael O'Brien, Jamie Smelser
- 6-127 Pharmacist-led management of chronic pain in an outpatient internal medicine clinic**, Alexandra Pietras, Amy Ives, Jonathan Puhl, Dev Chatterji

Pediatrics

- 6-128 Pharmacist collaborative practice in the management of high-risk pediatric asthma**, Hanna Phan, Mark Brown
- 6-129 Use of dexamethasone for acute asthma exacerbation requiring PICU admission**, Steve Willis
- 6-130 Preventing diaper dermatitis in level II nursery — a simple and cost-effective approach**, Mona Yu, Carlette Patterson, Lisa Fischer, Wilda Chung On

Pharmacokinetics

- 6-131 Recommended vancomycin dosing is insufficient to maintain adequate serum levels in pediatric patients**, Talita Maloni, Celina Haga, Fábio Ferracini, Talita Belucci, Tatiana Marins
- 6-132 Calculation of vancomycin clearance and area under the curve using nonsteady-state serum concentrations**, William Murray, Joshua W. Murray
- 6-133 Drug-drug interactions studies between HCV antivirals sofosbuvir and velpatasvir and HIV antiretrovirals**, Sarjita Naik, Kyle Hammond, Joe Llewellyn, Anita Mathias, Erik Mogalian
- 6-134 Model-predicted netupitant pharmacokinetic (PK) profiles on repeated dose schedules: accumulation and safety considerations for chemotherapy-induced nausea and vomiting (CINV) prophylaxis in multiday emetogenic chemotherapy**, Lee Schwartzberg, Simona Parisi, Alberto Bernareggi
- 6-135 Development of a novel LC-MS/MS method for determination of denosumab in human serum and its clinical application to cancer patients**, Hiroaki Shida, Takafumi Naitio, Kaito Shibata, Junichi Kawakami
- 6-136 Validated LC-MS/MS method for the simultaneous determination of amlodipine and its major metabolites in human plasma and its clinical application to patients with hypertension.**, Reina Taguchi, Takafumi Naito, Hikaru Sato, Junichi Kawakami

Pharmacy Law/Regulatory/Accreditation

- 6-137 Effective and economical drug supply chain security act compliance**, Steven Robinson, Brian Sayre, Jamie Baughan, Lisa Bray
- 6-138 Safe medication disposal guidance for patients in a hospital and clinic setting: enhancing a state requirement for dispensing**, Deborah Sadowski
- 6-139 Assessing the impact of new regulations on pharmacy education and practice in Lebanon**, Rony Zeenny, Souheil Hallit, Georges Sili, Pascale Salameh

Practice Research/Outcomes Research/Pharmacoeconomics

- 6-140 Development and implementation of a pharmacist-directed sports supplementation and nutrition educational outreach program**, Cody Lovejoy, Karen Kier
- 6-141 Self-management practices in Type 2 diabetic patients: a cross-sectional survey in Alexandria, Egypt**, Reem Nagib, Maha Abdul-Latif, Laila AboulAtta, Mohamed A.Mekkawy, Adel Abou-Ali
- 6-142 Impact of liposomal bupivacaine on postoperative outcomes in colorectal surgery**, Carli Nesheiwat, Brandi LaFrance
- 6-143 A propensity score matched analysis: the association between prehospital statin use and mortality in patients with diagnosis of acute respiratory failure**, Arinze Nkemdirim Okere, Colleen M. Renier
- 6-144 Minding the gap: perceived factors affecting primary care coordination of adults in 11 countries**, Jonathan Penm, Neil J. MacKinnon, Stephen M. Strakowski, Jun Ying, Michelle M. Doty
- 6-145 Survey of pharmacy leaders on the priorities for the future of the pharmacy profession in Canada**, Jonathan Penm, Neil J. MacKinnon, Derek Jorgenson, Jennifer Smith
- 6-146 Recombinant human thrombin use in surgery: literature review of impact on clinical outcomes and costs**, An Pham, Belinda Lovelace, George Wan, Michael G. Baker
- 6-147 Impact of medication therapy management (MTM) services in federally qualified health centers (FQHCs) on measures of chronic disease**, Brianne Porter, Jennifer L. Rodis, Magdi Awad, Jennifer Clark, Alexa Sevin
- 6-148 Impact of a regional interprofessional clinical reasoning competition on health profession's student team interactions**, Adrian Schenk, Ann E. Cabri, Katie A. Huyck, Katie A. Packard, Yongyue Qi
- 6-149 Time-motion study of preparing three commercial continuous renal replacement therapy (CRRT) solutions**, Alex Shaw, Weerachai Chaijamorn, John S. Clark, Bruce A. Mueller
- 6-150 Hyperkalemia related to treatments in heart failure patients was associated with excess days in hospital**, David Smith, Xiuhai Yang, Micah Thorp, Nina Oestreicher, Eric Johnson
- 6-151 Elective residency preparation course may increase student ability to acquire PGY1 pharmacy residency**, Thomas Wadsworth, Kathy Eroschenko, Glenda Carr, Cathy Oliphant

Poster Presentations

Preceptor Skills

- 6-152** **Assessment of student perceptions following incorporation of a recitation period into the pharmacotherapy course series**, Kristin Peterson, Eric Wombwell, Ma Chu
- 6-153** **Student perceptions of the value they bring to rotation practice sites**, Philip Rodgers, Adria Fecteau, Kim Leadon
- 6-154** **Development of a preceptor scorecard for preceptor reappointment at an academic medical center**, Jamila Russeau, Lauren Aziz

Quality Assurance/Medication Safety

- 6-155** **Educating pharmacists on the use of human performance tools and the importance of error reporting to reduce pediatric medication errors**, Kristin Klein, James D. Newman
- 6-156** **Medication variance reporting in telepharmacy**, Hong Lam, Kevin L. Jones
- 6-157** **Telepharmacy: productivity and quality**, Hong Lam, Amber K. Locke, Kevin L. Jones
- 6-158** **Accuracy of hospitalized patients' height and weight documentation and impact on drug dosing**, Ronald Patrick Landayan, Alice Margulis, Nicholas Quinn, Alison Lew, Michael Gonyeau
- 6-159** **Improving barcode overrides in medication administration: a process improvement initiative**, Jayne Lepage, Teresa Tronerud
- 6-160** **Influencing patient and provider safety and satisfaction through inclusion of an indication on new prescriptions**, Kate Perica, Amanda Nenaber
- 6-161** **Using a risk-analysis method to evaluate the impact of robotic dispensing on patient safety**, Carmen Rodriguez-Gonzalez, Ana Herranz-Alonso, Vicente Escudero-Vilaplana, Arantza Ais-Larigoitia, Maria Sanjurjo-Saez
- 6-162** **Medication-use evaluation: exploring the extent of counterfeit medicine in households in Lebanon**, Lydia Sholy, Angela MacAdam, Paul Gard, Sian Williams
- 6-163** **Nature of counterfeit medicine in Lebanon**, Lydia Sholy, Paul Gard, Angela MacAdam, Sian Williams, Ken Rutt
- 6-164** **Enhanced process for withholding anticoagulation prior to invasive procedures**, Jacyntha Sterling, Megan Hayes
- 6-165** **Pancreatic enzyme tablet protocol for clearing occluded enteral feeding tubes: a retrospective study**, Janice Stumpf, Cheryl L. Bruck, Jacenta M. Gabriel, Heena P. Patel

- 6-166** **Establishment of policies, procedures, and standard work in the provision of respiratory medications in a small rural hospital**, Teresa Tronerud, Jayne Lepage
- 6-167** **Pharmacists in primary care clinic and outpatient pharmacy of an institution collaborate to improve patient care**, Judy Wong, Greta Sweney, Denise Freund, Andrew Fung, Theresa O'Young
- 6-168** **Interrater agreement among healthcare providers in categorizing medication errors using medication-use process nodes**, Nancy Yam, Joon K. Hwang, Charles E. Daniels, Felix K. Yam

Small and Rural Pharmacy Practice

- 6-169** **Impact of a pharmacist on a patient-centered, interdisciplinary, hospice team within a rural, independent, Planetree community hospital**, Patrick Divoky, Debra Lehrer
- 6-170** **Puerto Rican rural pharmacists' knowledge, attitudes, and practices related to gender-based violence: development and face validation of a survey**, Brenda Soto-Torres, Miguel Marrero-Medina

Emergency Medicine/Emergency Department/ Emergency Preparedness

- 6-171** **The impact of implementing clinical pharmacy services in an emergency department**, Matthew Ford, Hamid Ahmed
- 6-172** **Implementation of comprehensive pharmacy services in a community teaching hospital emergency department**, Chelsea McSwain
- 6-173** **Impact of an emergency room clinical staff pharmacist in a tertiary hospital in Puerto Rico**, Lilliana Ortiz-Acevedo
- 6-174** **Pharmacist career ladder**, Karen Babb
- 6-175** **MCA: management controlled anesthesia: the growing pains of space planning for an expanding department**, James Besier, Ashley Wester
- 6-176** **Curing the toxic effects of health-system antidote stocking**, Angela Colella, Ellen Prichard
- 6-177** **Evaluation of community tech-check-tech as a strategy for pharmacy practice advancement**, Rachael Fleagle, Joe Cesarz

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SPECIAL ACKNOWLEDGMENTS

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- Report from the Field 2016: Focus Points for a Successful Joint Commission Survey

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PRESENTER INDEX

A

Abazia, Daniel	103
Accursi, Mallory L.	92
Achey, Thomas S.	82
Acquisto, Nicole M.	46, 68, 88
Adams, B. Jane	70
Adams, Jennifer L.	46
Adejuwon, Adesola	83
Advani, Ashish	62
Aguero, David	97, 101
Alexander Jr., Earnest	79
Aljedai, Ahmed	72
Allain, Martin	74
Altman, Russ B.	34, 95
Alwan, Laura	88
Amato, Mary G.	83
Ambrose, Jordan	81
Anderson, Sarah L.	48
Anger, Kevin E.	71, 83, 97
Anguiano, Rebekah H.	100
Antonopoulos, Tony	96
Armitstead, John A.	66
Astrup, Greta	93
Atlas, Jason	70
Atwater, Sandy	103
Aungst, Timothy D.	102
Awad, Nadia I..	85, 102
Ayers, Phil	99

B

Badamas, Rilwan	97
Baker, William L.	47, 88
Barstow, Linda H.	93
Bashqoy, Ferras	89
Bates, Jill	86
Batterman, Gina	78
Baumgartner, Jennifer	66
Beatty, Amy	84
Beck, Amanda M.	63
Belford, Sylvia	97
Belisle, Caryn D.	92
Bemben, Nina M.	90
Benefield, Emily	76
Benner, Kim W.	88

Bennett, Corbin	70
Bennwitz, Kristina	75
Berg, Melody L.	90, 91
Bergman, Scott J.	104
Bergsbaken, Jason	71
Betz, Christopher	103
Bhatt, Snehal	103, 105
Bilhimer, Matt	93
Birney, Patrick	63
Bishop, Bryan M.	95
Bland, Christopher M.	100
Bleske, Barry	89
Bloom, Ruth	63
Bloss, Michelle	88
Bonnarens, Joseph K.	45
Bork, Sara J. D.	70
Bowman, Caitlin	88
Boyle, Jaclyn A.	96
Bridgeman, Patrick	71, 93
Brierton, Dennis	66
Brine, Patrick L.	69
Briscoe-Dwyer, Leigh	66
Bruggeman, Jack R.	63
Brummond, Philip	80
Brunetti, Luigi	99
Bryles Phillips, Beth	43
Buck, Brian Dale	97
Buckley, Mitchell	79
Burton, Stephanie	88
Bush, Sarah	85, 88

C

Calabrese, Samuel	92
Campbell, Beth	63
Campbell, Robert C.	85
Canada, Todd W.	99
Canaday, Bruce R.	87
Cannon, Kristin	62
Cano, Steven	73
Carroll, Donald	83
Carter, Tracy	48
Cassano, Angela T.	78
Cawley, Michael J.	98
Cesarz, Joe	78
Chan, Amy Y.	62
Chan, Raymond C.	98
Chantal, David	82

Chisholm, Julia	63
Chiu, Kimberly W.	83
Chrymko, Margaret	43
Clark, John S.	64
Clifford, Kalin	74
Cobaugh, Daniel J.	47
Cober, Mary Petrea	47
Cohen, Howard	69
Cohen, Michael	94
Colavecchia, Anthony Carmine	92
Conley, Christian S.	80
Coralic, Zlatan	46
Cowan, Debra L.	54
Craneyon, Ryan	78
Cross, Brian	48
Cuellar, Sandra	68, 69
Cunningham, Kevin	100

D

Dager, William	72
Davis, George A.	90
Davis, Joshua	97
Davis, Stephen J.	70
Deal, Lisa	96
Degnan, Dan	70
Dejos, Michael C.	71
DeMuth, James E.	43
Denaburg, Michael	80
Derenski, Karrie	47
DiDomenico, Robert J.	47
DiPiro, Joseph T.	45
Dodd, Melanie A.	47
Dodd, Monique	73
Dole, Ernest J.	69, 73, 77
Donaldson, Jennifer A.	95
Donihi, Amy C.	48
Dowling, Thomas	86
Draper, Heather M.	70, 75
Dubrovskaya, Yanina	95
Dugan, Casey R.	89
Dumitru, Doina	81, 92
Dunne, Jessie L.	105
Durham, Spencer	78
Dzierba, Amy L.	83

E

Eberts, Matthew	64
Eckel, Stephen	92
Eldridge, Sandra L.	76
Elson, E. Claire	76
Emanuel, John	84
English, II, Dale E.	103
Enright, Sharon Murphy	73, 96
Ensign II, Richard H.	62
Erstad, Brian L.	96, 104
Eschenbacher, Lynn	81, 96
Ezekiel, Tanya O.	97

F

Fanikos, John	72
Farmer, Eric K.	91
Fedorova, Margarita	67
Feinberg, Erica A.	98
Ferris, David	101
Fink, Robert	80
Finks, Shannon W.	45
Flannery, Alexander H.	104
Fortier, Christopher	80
Foster, Jillian	45, 54
Fox, Erin	66
Foy, Maria	77, 103
Frantzen, Leah	89
Fraser, Gilles	79, 97
Fredrickson, Mary E.	69
Fricker Jr., Matthew P.	67
Fritsch, Michelle A.	47
Fudin, Jeffrey	69

Presenter Index

G

Gentile, Nicholas	81
Ghamrawi, Riane	94
Giacomelli, Barbara L.	63, 82
Gibson, Gabrielle A.	101
Gilmore, James F.	88
Glowczewski, Jason	100
Glowczewski, Julia	83
Goldrosen, Kerry A.	89
Gonzales, Adrian J.	97
Grace, Edward E.	92, 100
Granko, Robert P.	105
Gray, Alistair H.	72
Griffin, Brooke	85, 104
Griffith, Niesha L.	83
Grindrod, Kelly	102
Groppi, Julie	78
Grosdidier, Jamie	85
Guharoy, Roy	84
Gulseth, Michael	67, 72
Gumpper, Karl F.	97

H

Ha, David	99
Haines, Seena L.	94
Halfpap, Joseph	46
Hammerquist, Rhonda	67
Hamner, Jennifer R.	89
Hanf-Kristufek, Lauryl R.	91
Harris, Jennifer	98
Hartzler, Melody	105
Hatwig, Christopher A.	70
Havriliak, Renee	69
Hayes, Bryan D.	46, 93, 102
Hays, Amanda	90
Heath, Mike	65
Heavner, Mojdeh S.	46
Heindel, Gregory A.	62
Hellwig, Tadd	88, 92
Helmons, Pieter J.	77
Helsel, Heather	81
Hennenfent, Joel A.	48, 97
Higby, Gregory	86
Hilaire, Michelle L.	45, 48, 68, 78
Hill, Jerame	82, 89
Hill, Joseph	81
Hodges, Angela	75
Hoesly, Megan	64
Hoffman, James M.	79
Homsted, Felicity	87
Hoover, Matthew	82
Horn, Donna	85

Hornecker, Jaime R.	48
Huang, Yimei	72
Hudson-Disalle, Sarah	83

I

Isaacs, Diana	69
---------------	----

J

Jain, Ruchi	71
Jameson, John	86
Jean, Gary W.	79
Jen, Christi	46
Jenkins, Matthew T.	103
Jennings, Douglas	74
Jensen, Brenda	66
Jensen, Chelsey J.	76
John, Bob	76
Johnson, Ashley N.	86, 87
Johnson, Chad	70
Johnson, Peter N.	76
Johnson, Thomas	66
Jones, Bruce M.	97
Jones, Christopher M.	65
Jordin, Robert	72

K

Kalichira, Asha	98
Kanouse, Eric J.	93
Kar, Indrani	71
Karcsh, Andrew	64
Karel, Lauren I.	62
Karr, Samantha	105
Kasbekar, Nishaminy	96
Kastango, Eric S.	87
Kelley, Kristi W.	105
Kelsey, Julie J.	85
Kempke, Anna P.	102
Kennedy, Audrey	76, 87
Kent, Stan	80
Kernan, William	81
Kienle, Patricia C.	72, 87
Kilber, Emily	93
Killingsworth, Tricia	82
King, Philip K.	81
Kirschenbaum, Bonnie	93
Knoer, Scott J.	80, 87
Koch, Ada Z.	89
Koehl, Jenny	93
Koehl, Kathy	96
Kong, Ben L.	87
Kraft, Michael	99
Kraft, Shawna	102
Krzan, Kara D.	79
Kumor, Lisa M.	100
Kuper, Kristi	99

L

Laible, Brad R.	84, 85
Laroco, Laurimay	46
Latham, Brian	82, 105
Le, Brian	98
Leal, Sandra	85
Leber, Molly	84
Lee, Helena	81
Lee, Lorraine A.	69
Lenz, Janelle R.	71
Leonhart, Kay M.	69
Lewis, Michelle A.	67
Li, Edward	46, 80
Li, Mary L.	66
Lingenfelter, Erin M.	88
Link, Nicholas A.	67
Lirette, Stephen	103
Little, Jeff D.	66
Lodise, Thomas	94
Loeb, Al	73
Lucio, Steven	84
Luong, Donna D.	96
Lyden, Abbie	101

M

MacLaughlin, Eric J.	80
Madigan, Melissa A.	74
Mahomed, Shuaib H.	72
Mahoney, Monica	102
Malinowski, Scott	98
Malone, Patrick M.	62
Mansur, Jeannell	54, 100
Manzi, Shannon	87
Markham, Ryan	98
Maroyka, Eric M.	72
Marrs, Joel C.	45, 68, 80, 90
Martin, Colleen	93
Marx, David	105
Matthews, Michele	73, 104
Mattox, Kimberly	43
McBride, Ali	75
McConnell, Karen J.	45, 88
McCoy, Christopher	102
McKelvey, Jeremiah	65
McPherson, Christopher	71
McPherson, Mary Lynn L.	91
Mehta, Dhara	98
Meisel, Steven	103
Melody, Nichole	88
Mendez-Rico, Elena	62
Mentler, Philippe	74, 98

Merandi, Jenna	79
Meyer, Brian M.	86
Michalek, Christina	67, 94
Miller, Douglas	98
Miller, William A.	43
Milligan, Paul	70
Misher, Anne	85
Mobley Smith, Miriam	78
Moffett, Brady S.	76
Mone, Michael A.	68
Monroe, P. Sayer	71
Moore, LeAnne	94
Morton, Carrie	81
Moser, Lynette	89
Moss Jr., Joseph T.	98
Mourad, Hesham	97
Mueller, Bruce A.	45
Mueller, Scott W.	71
Murdaugh, Lee B.	72
Myers, Brad	63

N

Naseman, Ryan	105
Nathan, Aaron	83
Nazario, Mitchell	65
Nazir, Jawad	85
Nelson, Scott D.	104
Newman, Sarah	89
Nguyen, Linda P.	63
Nichols, Kristen R.	82
Nicol, Natasha	79
Niemczyk, Ashley	93
Noh, Lydia E.	75
Novak, Kimberly J.	88

O

O'Neal, Brian C.	82
Oelschlaeger, LaDonna M.	75
Olin, Jacqueline L.	48
Onatade, Raliat	72
Ordway, Brandon	89
Ortmann, Melinda J.	85
Osborne, Shawn	100
Owen, Emily J.	101

P

Page II, Robert L.	90
Pai, Manjunath (Amit)	94
Painter, Nathan A.	75
Paley, Daniel	93
Pappas, Ashley	62
Pasko, Deborah A.	64
Pass, Steven	43
Patanwala, Asad E.	68
Patel, Hina	93
Patel, Kashyap	64
Patel, Sheetal	101
Pavich, Emily	93
Pawola, Julie	61, 89
Peaty, Nate	101
Pedersen, Craig A.	91
Pedley, Krista	70
Penk, Mary Jo	69
Petrich, John	70
Petroff, Barbara	78
Phelps, Pamela	80
Popish, Sarah J.	47
Pote, Lindsey	84
Powell, Michael F.	96
Prichard, Ellen	62
Purohit, Ashley	61, 73

Q

Quesenberry, Alexander	54
------------------------	----

R

Reardon, David	78, 83
Rebo, Elizabeth	71
Reece, Kelley	71
Reitz, Shirley J.	77
Rhodes, Nathaniel J.	74
Rich, Darryl S.	94, 103
Richards, Hal	97
Richardson, Jennifer L.	91
Rickles, Nate M.	69
Rigelsky, Frank S.	67
Ritchie, Evelyn B.	65
Roberson, Andrea G.	43
Roberts, Aaron J.	72
Roberts, Beth	93
Robertson, Jennifer	70
Rochon, Jeff	77
Rodriguez Gonzalez, Carmen Guadalupe	72
Rollins, Carol J.	78, 82, 91
Rosovsky, Rachel P.	90

Rostas, Sara	71
Rubio, Teresa	71
Russ, Alissa L.	104
Rybak, Michael J.	94
Ryle, Karen M.	85

S

Sacks, Gordon	99
Safwan Saade, Jihan H.	72
Samet, Susan	89, 90
Sammons, Arpita T.	64
Sarashinsky, Megan	47
Saseen, Joseph	80
Scheckelhoff, Douglas	91
Scheetz, Marc H.	70, 94
Schiff, Gordon	83
Schilling, Amy	99
Schneider, Philip J.	91
Schondelmeyer, Stephen W.	86
Schroeder, Michael	89
Schulte, Jillanne	81
Scipione, Marco R.	95
Scott, Christopher M.	43
Scott, Mollie A.	47
Scoville, Bridget	45
Sebaaly, Jamie	48
Sebranek Evans, Elizabeth	62
Segal, Eve	75
Sera, Leah	90
Shah, Bhavik M.	88
Shah, Pinaki	62
Shah-Mohammadi, Ali-Reza	71
Shane, Rita	67, 75
Shank, Brandon	88
Sheehan, Amy Heck	62
Shilliday, Betsy	78
Shrader, Sarah	68
Siegfried, Justin	95
Sims, Sharanie	94
Skiermont, Kyle	69
Slabach, Brock	54
Sleeper, Rebecca B.	99
Sloan, Colgan T.	93
Slocum, Giles W.	93
Smith, Amber Lanae	89
Smith, Janessa	84

Smith, Jennifer	90
Soric, Mate M.	63
Spencer, Dustin	88
Spooner, Linda M.	48, 54
Srinivasan, Arjun	63
Stamatakis, Mary	98
Stanley, Todd	69
Starr, Jessica	74, 88
Sternbach, Jennifer	101
Stevenson, James G.	46
Stewart, Kyana D.	76, 82, 87
Stilgenbauer, Mike	68
Stover, Kayla R.	104
Stubbings, JoAnn	100
Subramaniam, Vaiyapuri	66
Swanson, Kathleen	73
Swarthout, Meghan D.	73
Szumita, Paul M.	97

T

Tata, Asha L.	86
Taylor, Rebecca A.	68
Templeman Jr., Bill A.	71
Thackray, Jennifer L.	86
Thompson, Kasey	81
Thornby, Krisy-Ann	87
Ticehurst, Erin H.	84
Tichy, Eric M.	46
Tisdale, James E.	92, 98
Topoleski, Christopher	81
Tran, Hai	76
Trinkley, Katy E.	92
Tucker, Anne	47
Turner, Suzanne	66
Tyler, Linda	66

U

Uselton, John P.	72
------------------	----

V

Valgus, John	75
Van Tassell, Benjamin	89
VanAmburgh, Jenny A.	94
Vandiver, Jeremy W.	58, 71
Verdell, Amber J.	91
Vermeulen, Lee	33, 72
Vest, Kathleen M.	104
Villanueva-Quirino, Juan E.	82
Vlasimsky, Tara Behring	64
Vlasses, Peter	68
Vo, Teresa	87

W

Wade, Elizabeth	71
Wagner, James T.	87
Walker, Kathryn A.	91
Walko, Christine M.	79
Warner, David J.	43
Weightman, Stephanie	76
Welch, Sarah	101
Wetherill IV, Samuel R.	82
White, Sara J.	73, 96
Wickesberg, Christopher J.	64
Wilets, Kathy	66
Williams, Cynthia	80, 96, 101
Williams, Montgomery F.	99
Wilson, Courtenay	104
Wilson, Suprat Saely.	45, 98
Wirick, Nathan P.	67
Witt, Daniel	92
Wollitz, Amanda D.	71
Wong, Adrian	98
Woolf, Roger	77, 87

Y

Youmbi, Karen V.	67, 81
------------------	--------

Z

Zellmer, William A.	79, 80, 86
Zillich, Alan	45
Zilz, David A.	80
Zschoche, Juliana	93

SHUTTLE SERVICE SCHEDULE

▶ Shuttles Operate Saturday, December 3 - Thursday, December 8

Shuttle Service to and from Mandalay Bay Convention Center

Estimated Wait Time: 15 to 20 Minutes

	Service Begins Hotel	Last Bus Departs Hotel	Last Bus Departs Convention Center
SATURDAY	6:30 a.m.	5:00 p.m.	6:00 p.m.
SUNDAY	6:30 a.m.	5:00 p.m.	6:00 p.m.
MONDAY	6:30 a.m.	5:00 p.m.	6:00 p.m.
TUESDAY	7:00 a.m.	5:00 p.m.	6:00 p.m.
WEDNESDAY	7:00 a.m.	4:30 p.m.	5:30 p.m.
THURSDAY	8:00 a.m.	2:30 p.m.	3:30 p.m.

ASHP Official Hotels

Hotel	Route	Boarding
Aria	3	Tour Bus Lobby
The Cosmopolitan	4	Right of Main Entrance
Delano	Walk	Walk to Mandalay Bay Convention Center
Four Seasons	Walk	Walk to Mandalay Bay Convention Center
Luxor	Walk	Walk to Mandalay Bay Convention Center
Mandalay Bay	Walk	Walk to Mandalay Bay Convention Center
MGM Grand	1	South Conference Center Entrance
Monte Carlo	2	Tour Bus Area
New York-New York	2	Main Entrance
Signature at MGM Grand	1	MGM Grand South Conference Center Entrance



**Wednesday
Evening Event
at Mandalay
Bay**

7:00 p.m.–10:30 p.m.

*Shuttle service
to/from official
ASHP Hotels,
except those
within walking
distance of the
Mandalay Bay
Convention
Center.*



Wheelchair accessible transportation is available during hours of operation. Call toll free 866-439-8563 to schedule (allow 30 minutes).



Shuttles managed & operated by **Transportation Management Services**

The shuttle schedule is subject to change based on usage, traffic, and weather conditions. Please check ASHP LIVE app and the *Midyear News & Views* daily for updates to the schedule.



Indicates the shuttle bus drop-off/pickup locations. Refer to the ASHP LIVE app for details on boarding locations.

MCCARRAN INTERNATIONAL AIRPORT

Use these pages during sessions with color-card audience participation.

YES

TRUE

**FUN
FACT**

The famous Las Vegas Strip is not located within the city limits of Las Vegas. The strip actually comes under the jurisdiction of Clark County.

**FUN
FACT**

Over 22,000
conventions
are held
in Las Vegas
every year.

NO

FALSE

Use these pages during sessions with color-card audience participation.

FUN FACT

Legalization of gambling in 1931 encouraged other parts of the country to request the recall of Nevada's statehood. Today there are forms of legalized gambling in 48 of the 50 states.



**FUN
FACT**

With its millions
of lights, Las Vegas
is considered the
brightest spot
on Earth.

