47th ASHP Midyear Clinical Meeting & Exhibition
Las Vegas, Nevada
December 2 – 6, 2012
The largest international gathering of pharmacists focusing on improving patient care

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Welcome to Las Vegas and The Midyear 2012!

It’s great to be back in Las Vegas for the world’s largest gathering of pharmacists! And this year’s meeting promises to be better than ever.

We’ll get off to an exciting start at the Opening Session, with the keynote address delivered by President Bill Clinton. And that’s just the beginning. The Midyear is full of opportunities for top-notch learning and networking. This program will help you navigate it all!

As you glance through the program you’ll see a special icon that highlights all the educational sessions that relate to ambulatory care. ASHP is committed to serving our members across the entire spectrum of practice and this icon shines a special spotlight on sessions of interest to ambulatory care practitioners.

This program also includes a day-by-day guide to programming, as well as information about our expansive exhibit program, poster presentations, residency showcase, and programming designed exclusively for students.

I hope this meeting exceeds all your expectations. That is exactly what we are striving for! Please let us know how we are doing. Feel free to share your thoughts with the ASHP board and staff members here in Las Vegas. Or send us an e-mail when you get home at prez@ashp.org.

Viva The Midyear!

Kathryn R. Schultz, Pharm.D., M.P.H., FASHP
President, American Society of Health-System Pharmacists
Meeting Locations
All rooms are located in the Mandalay Bay Hotel’s South Convention Center unless otherwise noted. Locations and room assignments are listed on the Meeting-at-a-Glance.

Bookstore
Mandalay Bay Foyer, Level 2
Visit the ASHP Demo Center at the Bookstore to learn about some of ASHP’s exciting new electronic offerings and enter your name to win an iPad®, plus a $325 credit towards the *Interactive Handbook on Injectable Drugs*! Demos are available for ASHP eLearning, ASHP eBooks, ASHP’s *Interactive Handbook on Injectable Drugs*, the PharmPrep Online app, and the new Pediatric Injectable Drugs (The Teddy Bear Book) app. Plus, all products are discounted an additional 10% off the member price and are shipped FREE, including international shipping. For orders totaling $100 or more, we’re giving away ASHP reusable folding bags while supplies last.

Bookstore Hours:
Saturday 12:00pm – 4:00pm
Sunday 9:00am – 4:15pm
Monday – Wednesday 7:45am – 5:15pm
Thursday 9:00am – 12:15pm
(Stop by for coffee 9:00am – 10:00am)

Business and Social Functions
A listing of business and social functions scheduled at official meeting hotels will be available at Meeting Info. This will also include an updated listing of Symposia and Product Theaters.

Business Services
Bayside Foyer, Level 1
FedEx Office Business Center
Internet, photocopying, FAX, shipping, and equipment rental. Conveniently located in Mandalay Bay’s South Convention Center, the FedEx Office Business Center is a full-service operation offering a wide range of supplies and services including shipping, high-volume copying and faxing.
Phone: 702-262-5230
Fax: 702-262-5324
Email: usa5528@fedex.com

Hours:
Monday-Friday 7:00am – 6:00pm
Saturday-Sunday 7:00am – 6:00pm

REGISTRATION
Mandalay Bay Foyer, Level 2
Scan & Go Registration Hours:
Saturday – Monday 7:30am – 5:00pm
Tuesday – Wednesday 7:30am – 3:00pm
Thursday 9:00am – 12:00pm

Staffed Registration, Exhibitor Registration, and Customer Relations Hours:
Saturday – Sunday 7:30am – 4:00pm
Monday – Wednesday 7:30am – 3:00pm
Thursday 9:00am – 12:00pm

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 barcode on your badge is encoded with 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 barcode on your badge. If you lose your badge, check with Meeting Info to see if it has been turned in. Lost badges can be replaced at Staffed Registration for a $30 fee. Badge ribbons are available from the Membership Center.

Badges are color coded as follows:
- **Full Registration**: Blue
- **Part Time**: Yellow
- **Exhibitor**: Green
- **Business Clients**: Red

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

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 contact someone on your behalf in the event of an emergency.

International Attendees: Please pickup your certificates of attendance at the Staffed Registration desk.

We would like to thank Omnicell for their sponsorship of the convention registration bags.
Upload your Midyear 2012 video clips and win.

ASHP is asking all Midyear attendees to video your Midyear 2012 experience and submit clips that ASHP will collect, combine and edit to showcase pharmacy’s greatest meeting on a global scale!

Here’s the gist: Break out your smart phones and flip cameras! We want you to submit 2 minute video clips of your favorite Midyear activities. We are looking for a wide range of events or testimonials—and just like The Midyear, we want you to be creative and unique!

Submissions will be accepted through January 2013. All submissions will be entered into a raffle for 2 FREE full meeting registrations for The Midyear 2013!

For more information, and to submit your video visit www.ashp.org/midyearvideo
City Info
Mandalay Bay Hotel Lobby
Everything you need from dinner reservations, to show reservations, shopping and more can be found at www.visitlasvegas.com. Look around, have fun, and enjoy your stay in Vegas! The Mandalay Bay’s Concierge is also 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.

Coat and Baggage Check
Bayside A, Level 1
Sunday 7:30am – 5:30pm
Monday – Tuesday 7:30am – 6:30pm
Wednesday 7:30am – 5:30pm
Thursday 8:30am – 4:30pm

Exhibit Program
Shoreline AB, Level 2
Immerse yourself in an exhibit hall featuring the latest product developments and technological advancements in hospital and health-system pharmacy. The ASHP Midyear Clinical Meeting & Exhibition includes a vast exhibit program which allows you the opportunity to compare products, attend demonstrations and have questions answered from over 300 companies, both domestic and international.

A full listing of the exhibiting companies can be found in the Exhibitor Yellow Pages, available in the registration bag and at the entrance of the Exhibit Hall. You can also view the listings on the ASHP Mobile Midyear app.

Exhibit Hall Hours:
Monday – Tuesday 11:00am – 3:00pm
Wednesday 11:00am – 2:00pm

CareerPharm’s Personnel Placement Service (PPS)
Bayside C, Level 1

If you’re not looking here, you’re not looking!

Sunday, December 2 – Wednesday, December 5

The Personnel Placement Service (PPS) is a national pharmacy recruiting event that takes place annually at ASHP’s Midyear Clinical Meeting. PPS is the only event that is dedicated to putting top pharmacy talent in front of the most employers in one location.

Who should participate?
CareerPharm’s PPS is an excellent event for any pharmacist seeking a position or employer recruiting for positions in a hospital or health system:
- Residents (PGY-1 and PGY-2)
- Fellows
- Pharmacy Practitioners (Staff and Clinical Positions)

Participation in PPS includes:
- Job and resume posting(s) on our website http://www.careerpharm.com.
- Job and resume search functionality to find job seekers or employers that match your desired criteria.
- A place to conduct interviews and meeting space for potential employers and job seekers. (Employers are assigned a space to conduct interviews.)
- Computer terminals to continue searching, communicating and scheduling interviews.

PPS Hours:
Sunday – Wednesday 7:30am – 5:00pm

Follow ASHP at @ashpofficial: Use #ashpmidyear
Get rocking and read and write tweets about interesting things you see or hear. Share pictures of things you see. Set up meetings with friends old and new. You will experience the meeting at a different level and feel like you are everywhere! There will also be a Twitter contest with prizes!
Theme Center
Exhibit Hall, Booth 1373
While in the Exhibit Hall, make sure to stop by ASHP’s Advance Your Career Theme Center! Learn more about the PhORCAS (Pharmacy Online Residency Centralized Application) system, ASHP’s CareerPharm offerings and ASHP’s specialty certification preparatory and recertification products. Test your interview savvy in a mock interview session or get feedback from an experienced practitioner on your Curriculum Vitae (CV). Stop by, grab a light snack, and learn more about these ASHP initiatives that will assist you in advancing your career.

The Spot for First-Timers and New Members
Exhibit Hall, Booth 2521
New to ASHP and The Midyear? If so, we have The Spot for you! Located within the Exhibit Hall, The Spot is an area reserved especially for first-time attendees and new members to meet with colleagues and relax while visiting 300+ exhibiting companies!

First Aid Station
Level 1
(Across from Bayside A and B)
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 Concessions
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, just steps away from the Convention Center.

Future Meetings
Bayside Foyer, Level 1
Stop by the Future Meetings area for information on upcoming ASHP meetings and conferences, and pick up a small give-a-way or two.

Remember to mark your calendars for:

2013 ASHP Summer Meeting & Exhibition
Minneapolis, Minnesota
June 1-5, 2013

48th Midyear Clinical Meeting & Exhibition
Orlando, Florida
December 8-12, 2013

Make note of our future meeting city partners on pages 12 and 13.

Headquarters Office
Surf F, Level 2
Contact ASHP staff at ASHP Headquarters.

Lost and Found
Surf F, Level 2
Lost and Found is located in the ASHP Headquarters Office during meeting hours. Afterwards, attendees may call Mandalay Bay Lost & Found at 77995.

Meeting Info Center
Bayside Foyer, Level 1
Do you have a question about The Midyear 2012? Need help with your CE processing or finding a session room? Stop by Meeting Info for the answers.

Meeting Info Center Hours:
Saturday
12:00pm – 5:00pm
Sunday – Wednesday
7:30am – 5:00pm
Thursday
8:30am – 4:00pm

Membership Information Center
Bayside Foyer, Level 1
Get the most out of ASHP membership
Learn how to access the professional resources and educational tools you need to grow in your continually-evolving career. Stop by and learn about the opportunities for involvement with ASHP. Meet members of the ASHP Forum and Section Executive Committees, and hear how to best utilize your benefits and network with peers. Not yet a member? Join or renew your ASHP membership. Member ribbons for your badge can be picked up at Membership Information.

Membership Information Center Hours:
Saturday
12:00pm – 5:00pm
Sunday – Wednesday
7:30am – 12:00pm
Thursday
8:30am – 12:00pm

What is ASHP Connect? It’s our “private” social network that lets you connect with your colleagues and is loaded with exciting features that will make participating in discussions more convenient and rewarding. Network with colleagues and fellow attendees of the meeting and stay up-to-date on the latest information about The Midyear in the ASHP Connect Midyear Community. Stop by the Membership Information Center to get acquainted—the conversations have already started! Join at http://connect.ashp.org to join.

Network Connections
Stay connected! There are four locations of individual computer workstations to access email, record your CE online, print handouts, and complete a session evaluation:

Station #1
Bayside Foyer, Level 1
Station #2
Breakers Registration, Level 2
Station #3
Jasmine Registration, Level 3
Station #4
Mandalay Bay Foyer, Level 2
(beginning Tuesday morning)
Orchid Event Solutions
Mandalay Bay Foyer, Level 2
(Formerly The Housing Connection)

ASHP’s official housing company is available to assist registrants with hotel related matters the hotels are unable to answer. Registrants may also call Orchid Event Solutions directly at (877) 505-0675. Agents are available Monday-Friday from 7:00am – 6:00pm, MST.

Hours:
Saturday and Sunday 7:30am – 4:00pm

We would like to thank APP Pharmaceuticals for their sponsorship of the hotel key cards.

Recharging Stations
Station #1 Bayside Foyer, Level 1
Station #2 Mandalay Bay Foyer, Level 2
Station #3 Palm Foyer, Level 3
Station #4 MGM Grand Conference Center, Level 1

Network, relax, and recharge mobile phones, laptops or any of your portable mobile devices.

Forest Pharmaceuticals, Inc.
Subsidiary of Forest Laboratories, Inc.

We would like to thank Forest Pharmaceuticals for their sponsorship of the recharging stations.

Residency Showcase Bayside B, Level 1
For an up-to-date list of residency programs, go to http://www.ashp.org/residencyshowcase/floorplans.aspx or view on the ASHP Mobile Midyear app. Printed listings will be available at the Showcase.

Hours:
Monday 1:00pm – 4:00pm
Tuesday 8:00am – 11:00am
1:00pm – 4:00pm

Shuttle Bus Service South Convention Center (near Shark Reef)
For your convenience, shuttle buses will provide transportation Saturday through Thursday between the Mandalay Bay Convention Center and all official Midyear hotels except Luxor and THEhotel, as they are within walking distance of Mandalay Bay. Shuttle service will also be provided for the Wednesday Evening Event taking place at Mandalay Bay.

For a complete shuttle schedule, please refer to page 130.

The shuttle schedule is subject to change based on usage and traffic/weather conditions. Please check the Midyear News & Views daily for updates to the schedule.

Note: ASHP does not provide transportation between evening symposia and social events supported by the pharmaceutical industry, universities, and other organizations.
We would like to thank Forest Pharmaceuticals for their sponsorship of the recharging stations.
ORLANDO WELCOMES BACK
THE AMERICAN SOCIETY OF HEALTH-SYSTEM PHARMACISTS IN 2013!

We look forward to hosting the 48th ASHP Midyear Clinical Meeting & Exhibition December 8-12, 2013.

Visit Orlando®
Orange County Convention Center

Anaheim is proud to host ASHP in 2014!
You’ll feel like you are Walking on Sunshine while networking in our campus environment under sunny skies and palm trees! After hours, experience world class dining, entertainment and nightlife, all within walking distance at The Shops at Anaheim GardenWalk and Downtown Disney® District.

We are looking forward to your return every 4 years!

ASHP Midyear Clinical Meeting and Exhibition
Anaheim Convention Center
Dec 7 - 11, 2014
Why wear a LANYARD when you can wear BEADS?

Everything about meeting in New Orleans is different. The food, the culture—even what you wear around your neck. Mark your calendars for the American Society of Health-System Pharmacists Midyear Clinical Meeting and Exhibition, December 6-10, 2015, and come indulge in delicious cuisine, shop in historic neighborhoods and dance to the music pouring into the streets.

Mandalay Bay Welcomes Back ASHP in 2016

ASHP Midyear Clinical Meeting & Exhibition
December 4 – 8, 2016
EDUCATION INFORMATION

Educational Objectives
The Midyear educational programs are developed to maintain and enhance the knowledge, skills, and abilities of pharmacists and associated personnel in healthcare systems 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/or pharmacy technicians in a variety of healthcare systems. This includes those practicing in large and small hospitals, managed care facilities, inpatient facilities, outpatient clinics, and homecare settings, as well as in academia and the pharmaceutical industry. Knowledge-based sessions are designed primarily for acquiring factual knowledge; application-based sessions are designed primarily to apply the information learned in the time allotted.

Levels of Content
To help you plan your time at the meeting, educational session content has been categorized into the following levels:
- General Interest: Level designation not applicable to this session.
- 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 Topic Designators
Each session that offers continuing pharmacy education credit will include an ACPE activity number, which indicates the primary content covered in the program as follows:
- 01: Disease State/Drug Therapy
- 02: AIDS Therapy
- 03: Law
- 04: General Pharmacy
- 05: Patient Safety

Presenter Disclosure Statements
ASHP maintains disclosure information from all presenters of ASHP educational programs including speakers and poster abstract authors. Speaker disclosures will be published in the Onsite Program. Poster author disclosures will be displayed in the lower right corner of the poster boards.

Practice Interest Areas
The Midyear 2012 features educational sessions on current practice issues as identified by our members. Whether you practice in long-term care, inpatient facilities, outpatient clinics, or academia, you will find diverse programs related to your current practice. By using the online Midyear Meeting Session Schedule, you may sort the educational sessions by Practice Interest Area. The Session Schedule is located at http://www.ashp.org/Midyear2012.

Continuing-Education Information
Registrants can earn more than 30 contact hours (3.0 CEUs) at The Midyear 2012. Partial credit is not awarded; you must attend a session in its entirety. After participating in the activities of this meeting, attendees can process their CE online through the ASHP CE Center at http://ce.ashp.org. Registrants recording their CE online will be able to print their CE statement immediately; please print a copy of your statement for your records. All attendees must record their CE online by December 31, 2013.

Educational sessions at The Midyear are a Pharmacy Technician Certification Board (PTCB)-accepted method for certified pharmacy technicians to obtain CE credit. Sessions designed for pharmacy technicians are designated with a “T” in the ACPE number. All educational sessions offered by ACPE-accredited providers are recommended by PTCB but are not required for technician recertification.

PTCB-acceptable CE sessions must include pharmacy-related subject matter. Pharmacy Technicians can use the Continuing Education Documentation Form (available at the Meeting Information Center) to record which sessions they attended and plan to submit to PTCB. Contact PTCB at 800-363-8012 or contact@ptcb.org for further information.

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. Continuing Education (CE) credit for Advantage symposia presented at the Midyear 2012 may be processed online at http://ce.ashp.org.

Other industry-supported symposia have been scheduled in conjunction with The Midyear 2012 and will be held throughout the week at official meeting hotels. Each program’s organizer is responsible for continuing education credits and content. For the most up-to-date listing of industry symposia visit: http://connect.ashp.org/midyear2012/Symposia.

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

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

Please note: ACPE does not participate in CE Broker. If you are licensed in a state that uses CE Broker, then you must self-report your CE.

Continuing Professional Development (CPD)
An approach to lifelong learning, Continuing Professional Development (CPD) is a process of active participation in learning activities geared towards helping individuals develop and maintain continuing competence, enhance their professional practice, and support achievement of their career goals. CPD emphasizes self-appraisal and 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
The Residency Application Process Has Never Been This Easy!

NOW AVAILABLE! PhORCAS (Pharmacy Online Residency Centralized Application Service) is a web-based tool that brings residency application material together in one location. By streamlining the residency recruitment process, it decreases the administrative burden that comes with paper applications—overall saving time and resources for everyone involved in the process.

Less Mess. Less Stress! The online application process eliminates waste, minimizes time, maximizes efficiencies, and saves you resources. It’s good for the environment, good for your budget, and great for your peace of mind!

PhORCAS offers endless benefits for residency programs, resident applicants, and reference writers by simply making the process easier.

Now with almost 100% residency program participation!
www.ashp.org/phorcas
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 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. CE is NOT offered for poster sessions.

Poster Mentors
You’re Needed! You’re Wanted! You’re INVITED—to be a Poster Mentor. Share an hour of your time with Student or Resident poster presenters during The Midyear and you’ll be giving a much-needed boost to the rising stars of our profession. Stop by the Poster Hall during any one of the Student or Resident Poster sessions and ask about being a mentor at the Poster Information booth.

For a listing of Professional Posters and scheduled times for other poster presentations see page 87.

Audio-Synched Presentations
With so many education sessions to choose from, it’s impossible to catch them all . . . or can you? The full-meeting registration fee includes access to all available audio-synched educational session presentations. Download the sessions you’ve missed from the ASHP CE Center and “attend” at your leisure. Log in at http://ce.ashp.org and click on Meetings.

Note: CE is not available with audio-synched presentations.

Educational Session Handouts
Handouts for educational sessions will be available online two weeks prior to the meeting. If you would like to print handouts for the sessions you plan to attend, please do so before arriving at the meeting. We also encourage you to follow along on your smartphone or tablet. Handouts are available at www.ashp.org/mobilemidyear.

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, or 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.

ASHP will soon help you manage your CPE reporting requirements using CPE Monitor—a national, centralized inventory of CPE credits.

CPE Monitor is a powerful new system developed by The Accreditation Council for Pharmacy Education (ACPE) and the National Association of Boards of Pharmacy (NABP), and will allow you 24/7 access to your CPE credits—wherever you’ve earned them—all in one place! That means no more paper copies of CPE statements to state boards!

Create your e-Profile in CPE Monitor by following these three easy steps:

1. Go to www.nabp.net
2. Click on the Programs tab, then on CPE Monitor
3. Set up your e-Profile and get your e-Profile ID

Don’t delay—implementation is just around the corner.
## Saturday

**TIME** | **SESSION/EVENT** | **ROOM** | **PAGE** | **CE CODE**
---|---|---|---|---
--- | **SAMPLE** | | | 1 2 3 4 5
7:00am–6:00pm | Clinical Skills Competition Semi-Final Round (Closed session) | Breakers E, Level 2 | | 40
8:00am–5:00pm | Pre-Meeting Workshops (separate fee required) | See Listing | | 32
8:30am–5:00pm | Great eXpectations Live for New Practitioners: Career Management | See Listing | | 35

## Sunday

**TIME** | **SESSION/EVENT** | **ROOM** | **PAGE** | **CE CODE**
---|---|---|---|---
6:15am–7:45am | Satellite Symposia | See Listing | | 83
7:30am–5:00pm | Pre-Meeting Workshops (separate fee required) | See Listing | | 32
7:30am–5:00pm | CareerPharm’s PPS | Bayside C, Level 1 | | 6
8:00am–5:00pm | Great eXpectations Live for New Practitioners: Clinical Programming | See Listing | | 35
8:00am–5:15pm | Programming for Small & Rural Hospital Practitioners | See Listing | | 44
8:30am–7:00pm | Student Programming | See Listing | | 40
8:30am–10:00am | First-Time Attendee Welcome Event and Self-Guided Tours | South Seas D, Level 3 | | 26
9:00am–11:00am | Professional and Academic Publishing: Putting your Ideas into Practice 2012 | Mandalay Bay B, Level 2 | | 54
9:30am–12:30pm | Ambulatory Care Intensive Study A | Islander Ballroom F, Lower Level, North Conv Ctr | | 33
10:15am–11:10am | First-Time Attendee Welcome Keynote with Brad Nieder, MD – *The Healthy Humorist*, “Laughter is the Best Medicine” | South Seas D, Level 3 | | 26
10:30am–12:00pm | Quality Advocates Information Exchange | Palm B, Level 3 | | 26
12:00pm – 1:30pm | Investigational Drug Services | Mandalay Bay B, Level 2 | | 48
12:30pm – 2:00pm | The 2012 ASHP Federal Forum Welcome Event | Mandalay Bay L, Level 2 | | 26
12:30pm – 2:00pm | Pediatrics/Neonatal | Lagoon L, Level 2 | | 48

SUNDAY CONTINUES >
<table>
<thead>
<tr>
<th>TIME</th>
<th>SESSION/EVENT</th>
<th>ROOM</th>
<th>PAGE</th>
<th>CE CODE</th>
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<tbody>
<tr>
<td>12:30pm – 2:00pm</td>
<td>Cardiology</td>
<td>Jasmine B, Level 3</td>
<td>48</td>
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<tr>
<td>12:30pm – 2:00pm</td>
<td>Hematology/Oncology</td>
<td>Jasmine F, Level 3</td>
<td>48</td>
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<td>12:30pm – 5:00pm</td>
<td>The ASHP Federal Forum</td>
<td>Mandala Bay L, Level 2</td>
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<td>Viva Federal Pharmacy: The Future is Now</td>
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<tr>
<td>1:00pm – 2:00pm</td>
<td>New and Prospective Pharmacy Technician Training</td>
<td>Lagoon G, Level 2</td>
<td>46</td>
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<td>1:00pm – 2:00pm</td>
<td>Applying for Residency Accreditation—Finding the</td>
<td>Palm A, Level 3</td>
<td>46</td>
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<td>1:00pm – 2:00pm</td>
<td>Pathway and Taking the Right Steps</td>
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<td>ResiTrak Update 2012</td>
<td>Banyan C, Level 3</td>
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<td>1:00pm – 3:50pm</td>
<td>Clinical Skills Competition Final Round Presenta</td>
<td>Breakers E, Level 2</td>
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<td>1:00pm – 4:00pm</td>
<td>State Affiliate Volunteer Conference</td>
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<td>1:30pm – 3:00pm</td>
<td>Making Students Indispensable: Involving Students</td>
<td>Level 2</td>
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<td>in Patient Care Roles</td>
<td>Mandalay Bay D</td>
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<td>1:30pm – 3:00pm</td>
<td>Medication Informatics — Measuring Success</td>
<td>Lagoon H, Level 2</td>
<td>48</td>
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<td>2:00pm – 3:00pm</td>
<td>New Pharmacy Technician Training Standard: Open</td>
<td>Lagoon G, Level 2</td>
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<td>Forum</td>
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<td>2:00pm – 3:00pm</td>
<td>Transition of Care: Future Residency Opportunities?</td>
<td>Banyan C, Level 3</td>
<td>46</td>
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**Monday, December 3**

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<td>The Emily Jerry Story: Lessons Learned from a Fatal Medication Error</td>
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<td>Pain, Sedation, and Delirium in the ICU: Cutting-Edge Updates</td>
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<td>Domo Arigato, Mr. Roboto: Advancing Technician Roles Through IV Room Technology &amp; Quality Assurance</td>
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<td>What is the Pharmacy Enterprise? A Framework for Success and for the Future of the Profession</td>
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<td>Are You Prepared? Excelling in Joint Commission Surveys</td>
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<td>A ‘Bloody’ Debate — Which Agent is Best to Prevent Stroke in a Treatment Naive Atrial Fibrillation Patient?</td>
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<td>Emerging Strategies for Neonatal Infections</td>
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<td>Perspectives on International Collaboration in Pharmacy Education featuring the Donald E. Francke Medal Lecture</td>
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<td>Optimizing Medication Safety: The Role of Pharmacy Technicians</td>
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<td>How to Establish Specialty Pharmacy Services in Your Health System: Experience from the Field</td>
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<td>Replaced by Technology: Could the EMR Materially Reduce the Role of the Pharmacist?</td>
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<td>Bring It On! Alternative Opinions on a Controversial Pain Topic</td>
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<td>▶ Gram-Negative Infections and the Emergence of Resistance: Is One Drug Enough?</td>
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<td>11:00am–12:30pm</td>
<td>▶ Advancing the Role of Pharmacy Technicians in Future Pharmacy Practice – The Role of CREST and Standardization</td>
<td>Lagoon I, Level 2</td>
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<td>11:15am–12:15pm</td>
<td>▶ Developing Informal Leaders to Drive Practice Model Advancement</td>
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<td>11:15am–12:30pm</td>
<td>▶ Ambulatory Care Pharmacist Reimbursement Opportunities: Hospital-Based, Physician-Based and Retail Pharmacy-Based</td>
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<td>11:15am–12:30pm</td>
<td>▶ The Pharmacist and Meaningful Use</td>
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<td>▶ Special Poster Session Introducing an Emergency Pharmacist into Your Institution: An ASHP Patient Care Impact Program™ 2012</td>
<td>Bayside Foyer, Level 1</td>
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<td>▶ Anticoagulation</td>
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<td>11:30am - 1:00pm</td>
<td>▶ BPS Open Hearing on Critical Care and Pediatric Pharmacy Specialty Petitions</td>
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<td>▶ Pharmacy Forecast 2013-2017: Strategic Planning Advice for Pharmacy Departments in Hospitals and Health Systems</td>
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<td>12:00pm – 1:30pm</td>
<td>▶ Pharmacy Practice Experiences: Student and Preceptor Partnerships to Maximize the Interactions</td>
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<td>▶ Residency Showcase</td>
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<td>▶ Student Programming</td>
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<td>2:00pm – 3:00pm</td>
<td>▶ Clostridium Difficile Infections: New Drugs and New Strategies</td>
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<td>▶ Ask the Pharmacy Residency Accreditation Surveyors Roundtable Discussion</td>
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<td>Are You Ready? Preparing and Responding to Codes</td>
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<td>Critical Roles for Certified Pharmacy Technicians in Practice Model Change</td>
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<td>Improving Patient Outcomes: Highlights from the ASHP-APhA Medication Management in Care Transitions Project</td>
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<td>Help, I Can’t Afford My Drugs! Emerging Opportunities in Caring for Indigent Patients</td>
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<td>Advancing Pharmacy Practice &amp; Medication Safety Through Medical Device Integration</td>
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<td>Preparing for 2013 — Congress, Agencies, and the States: What’s in Store for Health-System Pharmacy</td>
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<td>Soothing the Savage Beast: Vignettes in Complicated Pain Management</td>
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<td>Developing Ambulatory Care Clinical Services: Financial Incentives and Service Value</td>
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<td>Oncology Pharmacy Specialty Sessions 2012: Advanced Topics in Practice Part 2</td>
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<td>Antibiotic Stewardship: Get on Board Before We Drown in Bacterial Resistance</td>
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<td>Corporate Pharmacy: Managing Pharmacy Across an Integrated Multi-Hospital Network</td>
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<td>Management Case Studies H: Parts 1, 2 &amp; 3</td>
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<td>Compounding Conundrums: Outsourcing Shortages, Clean Room Design, and Hazardous Drugs</td>
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<td>Critical Updates in Pediatrics, Part 2: CHF, Cystic Fibrosis, and Traumatic Brain Injury</td>
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<td>Management Case Studies E: Parts 1 &amp; 2</td>
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<td>Providing Care Beyond Cure: Transitioning Patients to Palliative Care</td>
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<td>Integrated Precepting: Maximizing Learning for Both Students and Residents</td>
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<td>Therapy Updates: The Risks and Benefits of Immunosuppression in the Modern Era</td>
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<td>Crisis in Medical Mycology: The Urgent Need to Adjust Antifungal Breakpoints</td>
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<td>Managed Care Residency Open Forum</td>
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<td>8:00pm – Midnight</td>
<td>Students’ Night Out</td>
<td>Cathouse Boutique Nightclub</td>
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<td>CareerPharm’s PPS</td>
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<td>Management Case Studies I: Parts 1, 2 &amp; 3</td>
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<td>Case-Based Approach to Insulin Initiation and Intensification</td>
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<td>PPMI, IT, &amp; Automation: How to Develop a Medication-Use System Strategic Plan</td>
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<td>A Compounding Tragedy - A National Response</td>
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<td>Lytes Off in Vegas! The Acute Management of Potassium and Calcium Disorders</td>
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<td>Innovative Practice: Sustainable Approaches for Reducing 30-Day Hospital Readmissions</td>
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<td>Transforming Care: Results from the Partnership for Patients Initiative</td>
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<td>Residency Precepting: Strategies Worth Sharing</td>
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<td>Troubled Teen 101: Topics in Adolescent Psychiatry</td>
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<td>From Drug Shortage to Order Entry Error to Device Failure: Managing a TPN Event in a Large Health System</td>
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<td>Resisting Inertia: Approaches to Managing Resistant Hypertension</td>
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<td>Spotlight on Science — Nanotechnology in Medicine: How Very Tiny Solutions can Impact Big Problems</td>
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<td>Management Case Studies J: Parts 1 &amp; 2</td>
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<td>Strategies to Create a More Collaborative Workplace</td>
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<td>The Tortoise and the Hare of Chronic Kidney Disease: Slowing Disease Progression</td>
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<td>2012 ASHP National Survey Results: Implications and Trends for Today’s Practice</td>
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<td>Hot Topics in Emergency Medicine</td>
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<td>▶ Top Ten Medication Safety Issues Related to Hospital Accreditation Standards</td>
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<td>▶ Reimbursement 2013: Unique and Compelling Opportunities</td>
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<td>▶ Transitioning Through ADHD: Pharmacotherapeutic Management from Childhood to Adulthood</td>
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<td>▶ A Smooth Transition: Moving Pain Management from Here to There</td>
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<td>▶ Evidence Based Approaches to Pharmacokinetic Dilemmas 2012</td>
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<td>▶ Beers, Antihypertensives, and Medical Home: An Update in Geriatric Practice</td>
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<td>▶ Driving Quality with Real-Time Dashboards</td>
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<td>▶ Antimicrobial Dosing in Obesity: Finding the Holy Scale</td>
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<td>▶ Antipsychotics for the Non-Psychiatric Pharmacist: Across the Ages</td>
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<td>7:45pm – 10:00pm</td>
<td>▶ Wednesday Evening Event (ticket required)</td>
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**Thursday**

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<td>▶ Hot off the Press... New Hypertension and Dyslipidemia Guidelines</td>
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<td>▶ Problem Solving 101: Why Going Back to Basics Yields Better Results</td>
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<td>▶ Strategies Worth Sharing: Practice Innovations</td>
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<td>▶ Controversial ICU Prophylactic Drug Therapies: Playing With a Royal Flush or Bluffing On a Busted Hand</td>
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<td>12:05pm – 1:50pm</td>
<td>▶ Thursday Networking Luncheon (ticket required)</td>
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<td>▶ Advanced Topics: Treating Your Patient with Novel Oral Anticoagulants</td>
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<td>▶ Frontline Pharmacists Make a Difference for Patients</td>
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<td>▶ Office Anthropology: New Ways to Approach Team Conflict for Better Results</td>
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<td>▶ Optimizing Antimicrobial Therapy for Gram-Negative Infections</td>
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SUNDAY, DECEMBER 2

8:30am – 10:00am  South Seas D, Level 3
First-Time Attendee Welcome Event and Self-Guided Tours
New to The Midyear meeting? We know it can seem overwhelming at first but fear not! This informal first-timer orientation will give you insider tips on how to make the most of The Midyear experience and a chance to meet your fellow attendees. Learn what The Midyear 2012 has to offer, how the Onsite Program can help you maximize your experience, what you can expect in the Exhibit Hall, which events you won’t want to miss, the benefits of ASHP membership and more.

10:15am – 11:10am  South Seas D, Level 3
First Time Attendee Welcome Keynote
Featuring: Brad Nieder, MD – The Healthy Humorist®
Laughter is the Best Medicine
Dr. Brad is unique. (After all, how many physicians do you know who can make you laugh?) He’s been described as Jerry Seinfeld or Ray Romano...with an “MD.” Always a fan of standup comedy and improvisation, Dr. Brad became a founding member of the SIMPS improv troupe while attending Stanford University. During medical school at the University of Colorado, he frequently performed standup comedy throughout Denver for both live audiences... and cadavers. He then moved on to the Medical College of Virginia for his residency. He still traverses the country, but he once again lives in Denver, a general practitioner by training who some would say is really a specialist in Healthy Humor™. And while he has NOT been published in the New England Journal of Medicine, he has co-authored the book Humor Me, which features his popular poem of wellness advice. And he has a CD and DVD, too! And some pretty cool T-shirts! Those hotshot academic physicians can’t say that!

10:30am – 12:00pm  Palm B, Level 3
Quality Advocates Information Exchange
Collaborating on Improving Healthcare Quality
Meet like-minded members who are passionate about improving the quality of pharmacy services in healthcare. See how other practitioners are incorporating quality improvement measures into health-system pharmacy dashboards. Discuss the creation and accumulation of pharmacy-sensitive quality measures that can be used to gauge outcomes related to medication therapy management.

Discussion Topics:
◆ Consider current pharmacy-sensitive accountability measures
◆ Discuss gaps in measurement and opportunity to address improvement
◆ Understand how other members have overcome barriers in their journey toward quality improvement

12:30pm – 2:00pm  Mandalay Bay L, Level 2
The 2012 ASHP Federal Forum Welcome Event
Featuring Keynote Speaker: Carey “Vixen” Lohrenz
Practicing in healthcare is a high pressure environment with no room for mistakes. You are cordially invited by our colleagues in Federal Pharmacy for a special opening ceremony and motivational keynote speaker, Carey Lohrenz.

The opening ceremony includes the Presentation of the Colors and the National Anthem. ASHP President Kathryn R. Schultz, PharmD, MPH, FASHP and ASHP Chief Executive Officer Paul Abramowitz, PharmD, FASHP share thoughtful remarks.

Our keynote speaker, Carey Lohrenz knows what it takes to win in one of the highest pressure, extreme environments imaginable: in the cockpit at Mach 2. As the first female F-14 Tomcat Fighter Pilot in the U.S. Navy, having flown missions worldwide as a combat-mission-ready United States Navy pilot, Lohrenz is used to working in fast moving, dynamic environments, where inconsistent execution can generate catastrophic results. Carey’s lessons learned about high performing teams and leadership are applicable to our evolving pharmacy practice.

1:00pm – 4:00pm  Lagoon F, Level 2
State Affiliate Volunteer Conference
How State Affiliates Can Foster Change and Move Practice Forward
An annual event during The Midyear, the State Affiliate Volunteer Conference is an opportunity to focus on important issues for state organizations and to network with fellow affiliate leaders.

Successful implementation of new pharmacy practice models requires action on the part of state affiliate organizations, their leaders, their members and even their non-members. These new pharmacy models will require change in how health-system pharmacies operate and how they work with patients. Fostering the change process is a special challenge at the individual institution level and also for the state affiliate organization. This challenge can be daunting or overwhelming to many pharmacy directors and practitioners. However, it is critical that these changes occur.

This interactive session will be divided into two segments. In the first, Max D. Ray, Pharm.D., M.S., L.H.D. (Hon.), Professor of Pharmaceutical Sciences, at the University of Tennessee, Memphis, will outline the need for change models. In the second, Thomas S. Thielke, M.S., FASHP, FFIP, RPh, Emeritus Professor and Associate Director, Office of Global Health University of Wisconsin School of Pharmacy will present selected case studies on how affiliate organizations can
facilitate change in their states and will also facilitate several roundtable discussion groups to develop plans for creating change within your state.

5:00pm – 7:00pm  South Pacific D, Lower Level, Mandalay Bay North Convention Center

ASHP Foundation Donor Match Reception
This reception is an opportunity to gather with ASHP Foundation staff, Board members and contributors to celebrate the year’s accomplishments and to maximize your own gift supporting the Foundation’s mission of improving the health and well-being of patients in health systems through appropriate, safe and effective medication use. A sponsor will match dollar for dollar all donations made at the reception. We hope to see you there!

5:30pm – 7:00pm  Islander Ballroom G, Lower Level, Mandalay Bay North Convention Center

ASHP Best Practices Award in Health-System Pharmacy Poster Reception
This poster reception will honor the awardees of the 2012 ASHP Best Practices Award in Health-System Pharmacy. The six awardees will present posters of programs that have been nationally recognized to demonstrate best practices in health-system pharmacy, especially in those areas that significantly improve the quality of patient care. Join us in honoring the award recipients and discussing their programs with them. For additional information about this award program, visit www.ashp.org/menu/AboutUs/Awards/BestPracticesAward.aspx. Awarded by the American Society of Health-System Pharmacists and sponsored by Amgen.

MONDAY, DECEMBER 3

9:30am – 11:00am  Mandalay Bay Events Center

Opening Session
The doors to the Event Center will open at 8:00am and seating for the Opening Session will begin at this time. Please plan ahead as this will be a very popular session. For more information and important tips on attending the Opening Session, refer to page 29.

11:15am – 12:15pm  Jasmine B, Level 3

Pharmacy Technician Meet and Greet Networking Session
Join other technician attendees and kick off The Midyear 2012 greeting colleagues and making new friends.

11:15am – 12:30pm  Breakers E, Level 2

ASHP-PAC Drug Shortages Victory Celebration
Join ASHP-PAC to celebrate our successful advocacy efforts to address the ongoing issue of drug shortages! Hear stories of involvement in grassroots advocacy from the ASHP members whose efforts led to the passage and enactment of the “Food and Drug Safety and Innovation Act of 2012.” Plus, ASHP’s government affairs staff will share how our victory on drug shortages can help us achieve even more for the profession. To RSVP or for more information, go to www.ashp.org/pac.

11:30am – 1:00pm  South Seas B, Level 3

Task Force on Organizational Structure Town Hall Meeting
ASHP desires to ensure that ASHP’s membership structure and governance keeps pace with the changing times, remains relevant and responsive to the needs of its members, and continues to be a leader in preparing members for the continuing evolution of practice. ASHP has formed a Task Force on Organizational Structure to propose to the Board of Directors specific recommendations regarding membership structure and governance as well as the ASHP policy development process. Attend the Town Hall Meeting to learn more about the Task Force process and have opportunities to influence its direction.

2:00pm – 5:00pm  South Seas B, Level 3

Perspectives on International Collaboration in Pharmacy Education Featuring the Donald E. Francke Medal Lecture
The lectures in this educational session will cover the following topics: major factors causing variability in the nature of pharmacy education around the world; the main reasons that colleges of pharmacy are interested in international collaborations; success factors in establishing cross-border collaborations in pharmacy education; and worldwide efforts to foster improvement in pharmacy education. The session will conclude with the Donald E. Francke Medal Lecture. Donald E. Francke Medalist, Henri R. Manasse, Jr., Ph.D, Sc.D., FFIP, Retired ASHP Chief Executive Officer/Executive Vice President and current Professional Secretary of the International Pharmaceutical Federation (FIP), will present a lecture titled, “Perspectives on the Global Evolution and Development of Pharmacy.” The Donald E. Francke Medal was established to honor individuals who have made significant international contributions to hospital pharmacy. All attendees of this session are invited to join Dr. Manasse after his lecture 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. For more information on this session see page 58.

Donald E. Francke Medalist, Henri R. Manasse, Jr., PhD, ScD, FFIP
Henri R. Manasse, Jr. was Executive Vice President and Chief Executive Officer of the American Society of Health-System Pharmacists (ASHP) from July 1, 1997 until January 1, 2012 when he served as Executive Vice President and Chief Executive Officer Emeritus through June 30, 2012. He received his Bachelor of Science degree in pharmacy from the University of Illinois at the Medical Center, a Master of Arts degree in educational psychology from Loyola University of Chicago, and a Ph.D. in pharmacy administration from the University of Minnesota. Prior to joining ASHP, Dr. Manasse was Vice President for Health Sciences, The University of Iowa, and Chairman of the Board of the University of Iowa Health System. He previously served as interim Vice Chancellor for Health Services, University of Illinois at Chicago Medical Center.
special events & activities

His previous positions include dean, professor of pharmacy administration, and professor of health professions education at the College of Pharmacy, University of Illinois at Chicago. He has adjunct professor appointments at the University of Iowa, and the University of Maryland, and most recently was appointed Visiting Professor at the Peking Union Medical College Hospital in Beijing, China and Honorary Professor at Nottingham University, England. In 1996 he was elected to the Institute of Medicine of the National Academy of Sciences, and is the 2007 recipient of the Harvey A.K. Whitney Lecture Award. In 2012, he was awarded the prestigious Donald E. Francke Medal and Lectureship reflecting his work in international pharmacy.

In 2005, Dr. Manasse was elected as the Professional Secretary of the Board of Pharmaceutical Practice of the International Pharmaceutical Federation (FIP), and was named a 2008 FIP Fellow. He continues in his elected position as Professional Secretary of the International Pharmaceutical Federation (FIP) and expanded his work in FIP Ed, a strategic initiative of FIP in global reform of pharmacy education. He is also engaged in academic pursuits at the University of Illinois at Chicago, College of Pharmacy as Professor and Dean Emeritus and serves the Joint Commission International (JCI) as a member of the Steering Committee on Patient Safety.

9:30am – 11:00am
Mandalay Bay Events Center

OPENING SESSION

KEYNOTE SPEAKER
President Bill Clinton

Founder of the William J. Clinton Foundation and 42nd President of the United States of America

“Embracing our Common Humanity”

President Clinton served the United States for eight years during a time of unprecedented prosperity and change. Now, President Clinton is a powerful voice for progress around the world as he shares his unique insights and observations with audiences around the world. President Clinton’s public speeches describe the challenge of globalization, emphasize our growing interdependence, and point the way toward a common future based on shared goals and values.

William Jefferson Clinton, the first Democratic president in six decades to be elected twice, led the U.S. to the longest economic expansion in American history, including the creation of more than 22 million jobs.

After leaving the White House, President Clinton established the William J. Clinton Foundation with the mission to improve global health, strengthen economies, promote healthier childhoods, and protect the environment by fostering partnerships among governments, businesses, nongovernmental organizations (NGOs), and private citizens to turn good intentions into measurable results. Today the Foundation has staff and volunteers around the world working to improve lives through several initiatives, including the Clinton Health Access Initiative, which is helping 4.5 million people living with HIV/AIDS access lifesaving drugs. The Clinton Climate Initiative, the Clinton Development Initiative, and the Clinton Ghustra Sustainable Growth Initiative — are applying a business-oriented approach to fight climate change worldwide and to promote sustainable economic growth in Africa and Latin America. In the U.S., the Foundation is working to combat the alarming rise in childhood obesity through the Alliance for a Healthier Generation, and is helping individuals and families succeed and to increase small business growth in underserved communities through the Clinton Economic Opportunity Initiative. Established in 2005, the Clinton Global Initiative brings together global leaders to devise and implement innovative solutions to some of the world’s most pressing issues. So far, more than 2,100 Clinton Global Initiative commitments have improved the lives of 400 million people in 180 nations.

In addition to his Foundation work, President Clinton has joined with former President George H.W. Bush three times – after the 2004 tsunami in South Asia, Hurricane Katrina in 2005, and Hurricane Ike in 2008, and with President George W. Bush in Haiti in the aftermath of the 2010 earthquake. The Clinton Foundation also supports economic growth, job creation, and sustainability in Haiti.

President Clinton was born on August 19, 1946, in Hope, Arkansas. He and his wife Secretary Hillary Rodham Clinton have one daughter, Chelsea, and live in Chappaqua, N.Y.

5:15pm – 6:15pm
Jasmine B, 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 4

11:30am - 1:00pm
South Seas B, Level 3

BPS Open Hearing on Critical Care and Pediatric Pharmacy Specialty Petitions

The Board of Pharmacy Specialties (BPS) (www.bpsweb.org) will conduct an opening hearing on the petitions to recognize pediatric pharmacy and critical care pharmacy as specialties within the profession. This open hearing is part of the public comment period where BPS will solicit input from the pharmacy profession, other health professions, third-party payers, and the public in support of or in opposition to these petitions. The BPS Board of Directors will consider the comments from this hearing in their deliberations along with the evidence presented by the petitioning organizations to meet the criteria to recognize a new pharmacy specialty.
TIPS FOR ATTENDING THE OPENING SESSION
We encourage you to consider the following tips for attending this popular session.
For the most up-to-the-minute information, download the Mobile Midyear App or visit www.ashp.org/midyear2012.

Plan Ahead
- Plan to register and pick up your badge before Monday morning to avoid the rush.
- Badges are required; no one will be admitted who is not registered and wearing their badge.

Arrive Early
- On Monday morning, shuttle buses will start running at 6:30am. Allow for extra travel time to the Mandalay Bay Events Center. Please note: Entrances into the Events Center, as well as areas adjacent to entrances, must remain clear until Monday morning at 6:30am. In addition, the casino area adjacent to the Events Center entrance must remain clear at all times.
- Doors open at 8:00am and registrants will be directed to seats by ushers.
- Space in the Events Center is limited and seats will be available on a first-come basis.
- Saving seats for others or sitting end-of-aisle with empty seats in-between will not be permitted.
- Those arriving after capacity is reached will be directed to overflow seating where a live audio/video version of the presentation will be shown.

Follow Directions
- ASHP staff and volunteers will be stationed in and around the Events Center to direct traffic flow and assist attendees.

Presidential Address
ASHP President, Kathryn R. Schultz, PharmD, MPH, FASHP,
Director of Pharmacy, HealthEast Bethesda Hospital, St. Paul, MN
Kathryn R. Schultz, PharmD, MPH, FASHP is Director of Pharmacy at HealthEast Bethesda Hospital in St. Paul, Minnesota. Dr. Schultz has 30 years of experience in hospital, home care, ambulatory, and community pharmacy practice. She received her Pharm.D. and a Masters degree in public health from the University of Minnesota.

In her current role, Schultz has transformed the pharmacy practice model at Bethesda, increasing decentralized services, interdisciplinary team participation, and direct patient contact for pharmacists; advancing intern training; and promoting greater responsibility for technicians.

ASHP involvement includes member, Board of Directors and committee appointments including ASHP Awards (chair) and Treasurer Nominations. She chaired the Commission on Affiliate Relations and served as a Minnesota Delegate.

Schultz was elected MSHP and CMSHP President and chaired numerous MSHP councils and committees. She received the MSHP Outstanding Student Award, Outstanding Pharmacist Award, and Hallie Bruce Memorial Lecture Award (MSHP’s highest honor).

CEO Award for Staff Excellence
Presented by ASHP CEO, Paul W. Abramowitz, PharmD, 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 and/or developing a project of significant value for ASHP and/or has demonstrated sustained excellence over time to the advancement of ASHP.

Joseph Hill, Director, Federal Legislative Affairs, Government Affairs Division
Diane McCleskey, Director, eLearning and Logistics, Office of Resources Development

Acknowledgement of the Donald E. Francke Medalist
Henri R. Manasse, Jr., PhD, ScD, FIP
For more information see page 27.

ASHP Board of Directors Awards
HONORARY MEMBERSHIP
A.J.M. (Ton) Hoek, MSc Pharmacist
A.J.M. (Ton) Hoek, CEO and General Secretary, International Pharmaceutical Federation (FIP), will be presented posthumously with the Honorary Membership Award at the Opening General Session.

Mr. Hoek took the helm of FIP in 1999 and since that time brought the Federation to entirely new levels of development and accomplishments, especially in solidifying key global partnerships like that with the World Health Organization (WHO) and in incorporating FIP as a Founding Partner in the World Health Professions Alliance (WHPA). His efforts in extending FIP’s outreach and impact not only elevated FIP to the position of an influential global stakeholder in medicines and health, but raised the image of the pharmacist as a healthcare provider around the world.

The FIP is the global federation of 127 national organizations of pharmacists and pharmaceutical scientists, with its mission to improve global health by: advancing pharmacy practice and science, to enable better discovery, development, access to and safe use of appropriate, cost-effective, and quality medicines worldwide. The FIP, founded in 1912, is a Non-Governmental Organization in official relation with the World Health Organization in Geneva since 1948.

Ton Hoek was recently named an Officer in Order of Orange-Nassau, a royal declaration bestowed by the Queen of the Netherlands. He passed away after a brave battle with cancer. His wife, Dr. Wijnandien Hoek-Scholten will accept the award on his behalf.

continues >

47th ASHP Midyear Clinical Meeting and Exhibition
OPENING SESSION continued

ASHP AWARD FOR DISTINGUISHED LEADERSHIP IN HEALTH-SYSTEM PHARMACY PRACTICE
Janet Silvester, RPh, MBA, FASHP
Janet Silvester is the Director of Pharmacy and Emergency Services at Martha Jefferson Hospital in Charlottesville, VA. Janet holds a B.S. in Pharmacy from the Medical College of Virginia (MCV), Virginia Commonwealth University (VCU), a Masters in Business Administration from James Madison University, and is currently completing her Doctor of Pharmacy through Creighton University. Janet has spent 33 years in the hospital and has worked to advance pharmacy practice by deploying an integrated, decentralized practice model for pharmacists to improve medication related outcomes. In this model, distribution is highly automated and is managed largely by well trained technicians.

Janet is past president of both the American Society of Health-System Pharmacists (ASHP) and the Virginia Society of Health-System Pharmacists (VSHP). Janet also served on the ASHP Research and Education Foundation Board and as Vice Chair for two years. Janet was Chair of the ASHP EVP Search Committee and was a voting participant in the ASHP Pharmacy Practice Model Summit. Janet is Immediate Past Chair of the Virginia Pharmacy Congress, an organization of Virginia pharmacy stakeholders formed during her VSHP presidency in 1998. Janet serves as a VSHP representative to that organization which has been working to expand scope of practice for pharmacists in Virginia. Janet serves on the Dean’s National Advisory Council for the VCU School of Pharmacy and as Chair for three years. She has received several honors, including VSHP’s Pharmacist of the Year, RD Anderson Distinguished Leadership Award, and the Pharmacy Alumnus Service Award from the MCV Alumni Association.

ASHP BOARD OF DIRECTORS’ AWARD OF HONOR
June L. Dahl, PhD
June L. Dahl is Professor of Neuroscience at the University of Wisconsin School of Medicine and Public Health in Madison where she has taught second and fourth year medical students and graduate students in the Molecular and Cellular Pharmacology program. She received a PhD in physical chemistry and spent several years in basic research before directing her attention to pain management. While serving as Chair of the Wisconsin Controlled Substances Board, she co-founded the Wisconsin Cancer Pain Initiative (later the Wisconsin Pain Initiative) whose goal was to systematically address the barriers responsible for the inadequate treatment of pain. For many years, she served as Director of the Alliance of State Pain Initiatives, a network of state-based organizations whose mission was to promote pain relief nationwide. She has been involved in a variety of educational and quality improvement efforts to make pain management a priority in the nation’s health care system. She worked with the Joint Commission to put pain assessment and management into the standards used to accredit the nation’s healthcare organizations. She facilitated development of the first core curriculum for Pain Resource Nurses. She has served as a member of the editorial boards of Pain, the Journal of Pain, and the Journal of Opioid Management. She received a distinguished Teaching Award from the University of Wisconsin as well as awards from the Wisconsin Medical Society, the American Pain Society, the American Cancer Society, and the American Society for Pain Management Nursing.

ASHP Research and Education Foundation 2012 Award for Excellence in Medication-Use Safety
Presented by Diane B. Ginsburg, MS, RPh, FASHP
Supported by a grant from the Cardinal Health Foundation.

WEDNESDAY, DECEMBER 5

10:00am – 11:00am Mandaly Bay F, Level 2
Spotlight on Science

Nanotechnology in Medicine: How Very Tiny Solutions can Impact Big Problems

Featured Speaker: Mansoor M. Amiji, PhD, RPh
Co-Director, Nanomedicine Education and Research Consortium, School of Pharmacy, Bouve College of Health Sciences, Northeastern University
Dr. Amiji is currently the Distinguished Professor and Chairman of the Department of Pharmaceutical Sciences and Co-Director of Northeastern University Nanomedicine Education and Research Consortium (NERC) at Northeastern University in Boston, MA. NERC oversees a doctoral training grant in Nanomedicine Science and Technology that was co-funded by the National Institutes of Health (NIH) and the National Science Foundation (NSF). Dr. Amiji received the BS degree in Pharmacy from Northeastern University in 1988 and a PhD in Pharmaceutical Sciences from Purdue University in 1992.

His research is focused on development of biocompatible materials from natural and
synthetic polymers, target-specific drug and gene delivery systems for cancer and infectious diseases, and nanotechnology applications for medical diagnosis, imaging, and therapy. His research has received over $15 million in sustained funding from the NIH, NSF, private foundations, and corporations.

Dr. Amiji teaches in the professional pharmacy program and in the graduate programs of Pharmaceutical Science, Biotechnology, and Nanomedicine. He has published four books and over 200 book chapters, peer-reviewed articles, and conference proceedings. He has received a number of awards including the NSTI Award for Outstanding Contributions towards the Advancement of Nanotechnology, Microtechnology, and Biotechnology in 2006 and the AAPS Fellowship and AAPS Meritorious Manuscript Award in 2007.

The following awards will also be presented:

- ASHP Research and Education Foundation 2012 Literature Awards
- ASHP Research and Education Foundation 2012 Award for Sustained Contributions to the Literature of Pharmacy Practice, presented to Dr. Mary H. H. Ensom, BS Pharm, PharmD, Professor, Pharmaceutical Sciences, University of British Columbia and Clinical Pharmacy Specialist, Children’s and Women’s Centre of British Columbia

For more information on this session see page 76.

THURSDAY, DECEMBER 6

12:05pm – 1:50pm Mandalay Bay F, Level 2

Thursday Networking Luncheon
Featured Speaker: Robyn Benincasa

Extreme Performance: Why Winners Win
What are the five most common attributes of people who make a lifelong habit of winning?

Robyn Benincasa – New York Times
Best-Selling Author and World Champion Adventure Racer – accepts full blame for inspiring people to do insane things like climb Mount Kilimanjaro, run their first triathlon, start their own adventure racing teams, or start their own businesses. This is, after all, who she is and what she does: Robyn Benincasa inspires people to do amazing things.

Benincasa has made an art form of extreme performance by competing and winning at the highest levels of sport and business. Revered as one of “California’s Fittest Women”, she spent her youth competing at the state and national level in gymnastics, diving, cross country, and judo in which she became a national champion. Soon after earning a Marketing degree from Arizona State University, Robyn “started at the top” Fortune 500 pharmaceutical company where she earned the prestigious “Rookie of the Year” award.

She has biked through jungles in Borneo, climbed Himalayan giants in Nepal, trekked across lava fields in Fiji, rafted rapids in Chile - and racked up multiple world championship titles along the way. In her spare time, Robyn, is a full-time firefighter in San Diego, on the nation’s first all-female crew.

NBC, ABC, CNN, ESPN, USA Network, Discovery Channel, Outdoor Life Network, PBS and FOX have all featured Robyn and her amazing accomplishments. Add to those network credits editorials in Fast Company, Sport Illustrated, Vogue, Corporate & Incentive Travel, The New York Times, Outside, and Harper’s Bazaar.

Robyn recently set a new Guinness World Record for paddling. “The biggest, strongest, and fastest competitors are not guaranteed a successful finish. It’s the teams that truly understand interdependence, have empathy for one another, share common ideals, manage adversity well, and check their egos at the start line that win these races.”

Ticket Info
A ticket is required for entrance into the Luncheon and is included in the full registration fee. Additional tickets can be purchased at the Ticket Sales counter in the Registration area (Mandalay Bay Foyer, Level 2). Tickets are $40 and must be purchased no later than Monday at 3:00pm. There are no refunds for this event.

Doors open at 12:05pm. Lunch service is based on availability after 12:20pm.

ASHP wishes to thank the city of Orlando, location of The Midyear 2013, for partnering with us as a co-host of Thursday’s Luncheon.
## SATURDAY, DECEMBER 1

### 8:00am – 5:00pm

**Residency Learning System (RLS)**

**ACPE PROGRAM #204-000-11-291-L04P**

8.0 CONTACT HOURS / APPLICATION-BASED

**Faculty:** Margaret Chrymko, BS, PharmD; Kate Farthing, PharmD, BCPS; Katrin S. Fulginiti, BS Pharm, MGA; Anne Lesko, PharmD; Kimberly M. Mattox, PharmD; William A. Miller, PharmD, FASHP; Steven Pass, PharmD, FCCM; Beth B. Phillips, PharmD, BCPS; David J. Warner, PharmD

**Room Assignments:**

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<td>RLS A</td>
<td>Lagoon I, Level 2</td>
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<td>RLS C</td>
<td>Lagoon F, Level 2</td>
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**Learning Objectives:**

- Determine, in examples, if components of a residency program (purpose statements, selection of elective outcomes, program structure) meet accreditation standards, and common reasons they don’t.
- Assign goals to learning experiences in a manner that facilitates effective teaching and evaluation.
- Determine appropriate learning activities for specified learning experiences and objectives.
- Describe accreditation requirements for assessment, customization, clinical teaching and program quality improvement.
- Identify elements of an effective residency quality improvement program, including preceptor development plans.
- Define a residency program’s purpose, structure, outcomes, goals, objectives, and learning experiences, and how to customize them for individual residents.
- Designate appropriate learning activities for given objectives and learning experiences.
- Apply skills for giving criteria-based assessment feedback and designing assessment strategies for specified learning experiences.
- In given cases, apply effective precepting skills including use of appropriate preceptor teaching roles and monitoring resident progress.

### 8:00am – 12:00pm

**Design Your Residency Program for Success: Residency Learning System (RLS) for Programs Starting Within a Year**

**ACPE PROGRAM #204-000-12-230-L04P**

4.0 CONTACT HOURS / APPLICATION-BASED

**Faculty:** Wayne F. Conrad, PharmD

**Please note:** Lunch not included

**Learning Objectives:**

- Determine, in examples, if components of a residency program (purpose statements, selection of elective outcomes, program structure) meet accreditation standards, and common reasons they don’t.

## SUNDAY, DECEMBER 2

### 7:30am – 5:00pm

**340B University™**

Offered by Apexus, manager of the 340B Prime Vendor Program for the HRSA Office of Pharmacy Affairs

**ACPE PROGRAM #221-999-11-051-L04P**

8.0 CONTACT HOURS / KNOWLEDGE-BASED

**Faculty:** Christopher A. Hatwig, MS, RPh, FASHP

**ACPE Credit:** ProCE, Inc. is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. Statements of credit can be received online at www.proce.com/340buniversity/December2012 at the conclusion of the workshop. Participants must complete an online program evaluation in order to receive pharmacy CE credit. No partial credit will be given.

Apexus, manager of the 340B Prime Vendor Program for the HRSA Office of Pharmacy Affairs, is offering a comprehensive review of the 340B Drug Pricing Program. The goal of the program is to provide an understanding of the 340B drug pricing program, its development, implementation and policies surrounding its utilization.

340B University™ will provide you with many opportunities for hands-on, practical advice to help with program implementation, including: learning innovative strategies to reduce costs, remaining compliant and improving care. There will be opportunities to participate in small breakout sessions, to get the advice from industry leaders, and to network with peers!
**SUPER SUNDAY: Ambulatory Care Review Course Intensives**

9:30am – 12:30pm  
**Ambulatory Care Intensive Study A**  
Islander Ballroom F, Lower Level, North Convention Center

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<tr>
<td>Faculty</td>
<td>Amie Taggart Blaszczyk, PharmD, CGP, BCPS, FASCP; Joel Marrs, PharmD, BCPS, AQ-Cardiology, CLS; Stuart Haines, PharmD, BCPS, BCACP</td>
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**Please note:** Lunch not included

**Learning Objectives:**
- Compare and contrast the updated American Geriatric Society Beers Criteria from previously published versions.
- Analyze landmark clinical trials considered in the development of hypertensive guidelines.
- Discuss the most recent dyslipidemia guidelines and clinical trials and the applications to practice.

**BCACP Recertification:**
This session is part of the ASHP/APhA professional development program for recertification of Board Certified Ambulatory Care Pharmacists (BCACP) approved by the Board of Pharmacy Specialties (BPS). In the session room, you must register as a participant for the recertification program.

To earn recertification credit from the BCACP Recertification Intensive Study, BCACPs must attend the entire three hour session and successfully complete the online assessment by the deadline. Only completed tests will be eligible for credit; no partial or incomplete tests will be processed. The recertification exam fee is $50. After the Midyear Clinical Meeting, program participants will receive email instructions to purchase and access the test. The recertification exam must be completed by May 31, 2013.

2:00pm – 5:00pm  
**Ambulatory Care Intensive Study B**  
Islander Ballroom F, Lower Level, North Convention Center

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<tr>
<td>Faculty</td>
<td>Kelly Epplen, PharmD, BCACP; Ian McNicholl, PharmD, FCCP, BCPS (AQ-ID), AAHIVE; Mary Roederer, PharmD, BCPS</td>
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**Please note:** Lunch not included

**Learning Objectives:**
- Compare and contrast updates made to the ACCP Consensus Guidelines for Antithrombotic Therapy and describe resultant practice changes.
- Design and justify an evidence based hepatitis C treatment plan including the management of adverse effects.
- Analyze the recent literature, benefits, and clinical applications of pharmacogenomic testing.

**BCACP Recertification:**
This session is part of the ASHP/APhA professional development program for recertification of Board Certified Ambulatory Care Pharmacists (BCACP) approved by the Board of Pharmacy Specialties (BPS). In the session room, you must register as a participant for the recertification program.

To earn recertification credit from the BCACP Recertification Intensive Study, BCACPs must attend the entire three hour session and successfully complete the online assessment by the deadline. Only completed tests will be eligible for credit; no partial or incomplete tests will be processed. The recertification exam fee is $50. After the Midyear Clinical Meeting, program participants will receive email instructions to purchase and access the test. The recertification exam must be completed by May 31, 2013.

**Note:** BCACPs may participate in the BCACP Recertification Intensive Study as many times as they wish throughout their 7-year certification cycle to attain the required recertification credit.

For more information on the ASHP/APhA professional development program for recertification of Board Certified Ambulatory Care Pharmacists (BCACP) go to www.ashp.org/certifications.

For more information on BPS’ recertification requirements go to http://www.bpsweb.org/pdfs/2012_Recertification_Guide.pdf
Learning Objectives:
- Describe the history, intent and statutory principals of the 340B program.
- Outline the process for addressing 340B policy and the maintenance of integrity of the 340B Program participation.
- List methods to optimize the value of 340B Prime Vendor Program services.
- Describe the role of the manufacturer, wholesaler, prime vendor and entity in 340B pricing integrity.

8:00am – 5:00pm  Breakers B, Level 2

Basic Statistics: A Non-Threatening Approach to the Use of Statistics in Clinical Trials 2012

ACPE PROGRAM #204-000-12-245-L04P
8.0 CONTACT HOURS / APPLICATION-BASED
Faculty: James E. De Muth, PhD

Learning Objectives:
- Define statistical terms commonly encountered in the literature.
- List various graphic and numeric methods for presenting descriptive statistics.
- Discuss the major type of variables and define the general rule of probability in inferential statistics.
- Select the appropriate statistical test given the type of data presented.
- Evaluate example problems to identify the type of variables involved and the most appropriate statistical test(s) to use.

8:30am - 11:30am  Lagoon I, Level 2

How to Start a Residency: Practical Tools for Initiating a Pharmacy Residency Training Program

ACPE PROGRAM #204-000-11-134-L04P
3.0 CONTACT HOURS / APPLICATION-BASED
Faculty: Heath R. Jennings, PharmD, BCPS

Please note: Lunch not included

Learning Objectives:
- Describe the benefits and summarize requirements for starting a residency program that meets ASHP accreditation standards.
- Describe approaches taken by organizations with successful new residency programs.
- Assess your organization’s readiness to start a residency.
- Develop a plan to prepare your organization to start a residency program.
- Define challenges to starting a residency program, and strategies for meeting those challenges.

1:30pm – 4:30pm  Lagoon I, Level 2

Expanding a Residency Program Workshop

ACPE PROGRAM #204-000-11-135-L04P
3.0 CONTACT HOURS / APPLICATION-BASED
Faculty: Leslie Kenney, BS Pharm, BCPS; Thomas W. Woller, MS, FASHP

Please note: Lunch not included

Learning Objectives:
- Describe benefits of expanding your existing residency program.
- Describe approaches taken by organizations that successfully expanded their residency programs.
- Identify challenges to expanding your residency program.
- Develop strategies for meeting challenges of expanding your residency program.
- Develop a preliminary plan to prepare your organization to expand its residency program.
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 colleagues who are seasoned practitioners. That’s why Great eXpectations Live – developed by ASHP to address the unique needs of new practitioners – is now a part of The Midyear Clinical Meeting. As a conference-within-a conference, Great eXpectations Live is the place for you to explore workplace challenges, mentorship, and clinical issues in an encouraging, motivational atmosphere. Best of all, entry into Great eXpectations Live is included in your full Midyear registration fee! Ensure your success. Spend your weekend in Great eXpectations Live, and see your way to a great future.

**SUNDAY, DECEMBER 1 – DECEMBER 2**

**SATURDAY: Career Management**

From navigating hospital politics, to publishing your work, to conquering a certification exam, heaven knows you’re in over your head when it comes to advancing your career. Learn tips and tricks that your colleagues have used to not only make your career more successful, but more rewarding too.

**8:30am – 10:30am**
Starting Your Career as a Pharmacy Faculty Member

**10:45am – 12:15pm**
What’s Your Definition of Clinical Pharmacy Leadership? Empowering Yourself for Advancement

**12:15pm – 1:15pm**
Lunch on Own

**1:15pm – 2:30pm**
How to Succeed in Pharmacy without Really Trying: Expanding Your Professional Presence through Leading and Writing

**2:45pm – 3:45pm**
The Secret Sauce of Professional Presence: Make Yourself Stand Out

**3:45pm – 4:00pm**
**Networking Energy Break** There is no better time to meet fellow residents and new practitioners than here. Flex your networking skills while learning interesting and helpful information. We’ll provide the energizing snacks for you to network network network!

**4:00pm – 5:00pm**
So You Wanna Be a Preceptor: Vital Tips and Tricks to Becoming the Best Preceptor You Can Be

All rooms are located in the Mandalay Bay South Convention Center unless otherwise noted.
SUNDAY: Fine-Tuning Your Clinical Skills

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

<table>
<thead>
<tr>
<th>South Seas E, Level 3</th>
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SATURDAY, DECEMBER 1

8:30am – 10:30am  South Seas B, Level 3

Starting Your Career as a Pharmacy Faculty Member

Planned in cooperation with the American Association of College of Pharmacy and the ASHP New Practitioners Forum

ACTIVITY #204-000-12-300-L04P
LEVEL OF CONTENT: GENERAL INTEREST
2.0 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Terry L. Schwinghammer, PharmD, BCPS

Learning Objectives:
◆ Identify trends in pharmacy education that are shaping the workforce of the pharmacy profession.
◆ Outline the potential benefits and challenges associated with a career in academia.
◆ Explain the requirements for promotion and tenure that are relevant for clinician educators.
◆ Implement strategies to enhance one’s professional career in an academic setting.

Opportunities for Faculty Members in Academic Pharmacy, Joseph T. DiPiro, PharmD
Strategies for Success as a Faculty Member: Perspectives from a Department Chair, Michael E. Burton, PharmD
A Practitioner’s Guide to a Winning Career in Patient Care, Teaching, and Scholarship, Michelle L. Hilaire, PharmD, BCPS

10:45am – 12:15pm  South Seas B, Level 3

What’s Your Definition of Clinical Pharmacy Leadership? Empowering Yourself for Advancement

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

ACTIVITY #204-000-12-301-L04P
LEVEL OF CONTENT: GENERAL INTEREST
1.5 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Jason J. Schafer, PharmD, BCPS

Learning Objectives:
◆ Define clinical pharmacy leadership.
◆ Identify qualities that are common to clinical pharmacy leaders.
- Identify steps necessary to advance clinical leadership roles.
- List potential challenges for new practitioners to advancing clinically as a leader.

**Clinical Leadership: Early Steps and Challenges**, Jason J. Schafer, PharmD, BCPS
**Clinical Advancement: Establishing Yourself as a Clinical Leader**, Debra Goff, PharmD, FCCP

1:15pm – 2:30pm  South Seas B, Level 3

- **How to Succeed in Pharmacy Without Really Trying: Expanding Your Professional Presence through Leading and Writing**

  Planned in cooperation with the ASHP New Practitioners Forum

  **Program Chair/Moderator:** Eric Wombwell, PharmD, BCPS

  **Learning Objectives:**
  - Design an individualized plan for leadership enhancement.
  - Identify daily practice responsibilities that can be easily converted to a publishable manuscript.
  - Evaluate opportunities to increase involvement in leadership and authorship activities which exist in your current practice.

  **Importance of Professional Presence,** Eric Wombwell, PharmD, BCPS; Karen Berger, PharmD, BCPS
  **Leaders Education: Learning to Lead,** Eric Wombwell, PharmD, BCPS
  **Authorship: You CAN Do It,** Karen Berger, PharmD, BCPS

2:45pm – 3:45pm  South Seas B, Level 3

- **The Secret Sauce of Professional Presence: Make Yourself Stand Out**

  Planned in cooperation with the ASHP New Practitioners Forum

  **Program Chair/Moderator:** Deborah A. DeNure, BS

  **Learning Objectives:**
  - List ways to make a positive first impression.
  - Explain how social media influences professional presence.
  - Describe memorable verbal and non-verbal clues that can help or hurt how you are perceived.

3:45pm – 4:00pm  South Seas B, Level 3

- **Networking Energy Break**

  There is no better time to meet fellow residents and new practitioners than here. Flex your networking skills while learning interesting and helpful information. We’ll provide the energizing snacks for you to network network network!

4:00pm – 5:00pm  South Seas B, Level 3

- **So You Wanna Be a Preceptor: Vital Tips and Tricks to Becoming the Best Preceptor You Can Be**

  Planned in cooperation with the ASHP New Practitioners Forum

  **Program Chair/Moderator:** Asad E. Patanwala, PharmD, BCPS

  **Learning Objectives:**
  - Apply the socratic method of teaching to precepting students and residents.
  - Name characteristics of an exemplary rotation site and how to implement them in your setting.
  - Design a strategy for effective one-on-one teaching interactions in your health care setting.

**Old Dog, New Tricks**, Brian L. Erstad, PharmD, FASHP
**New Dog, Old Tricks**, Asad E. Patanwala, PharmD, BCPS

SUNDAY, DECEMBER 2

8:00am – 9:00am  South Seas E, Level 3

- **Why a PIC isn’t a PICC, and Other Things You Should Know About Lines, Drains, and Tubes**

  Planned in cooperation with the ASHP New Practitioners Forum and the ASHP Section of Ambulatory Care Practitioners

  **Program Chair/Moderator:** Carol J. Rollins, MS, PharmD

  **Learning Objectives:**
  - Interpret the chest radiograph report of vascular access tip location and identify it as central or peripheral placement.
  - Determine if a specific medication or therapy is appropriate to administer via the available vascular access device.
  - Describe the typical use of various drains, such as Jackson Pratt, or tubing.

  **PIC vs PICC: Deciphering the Radiology Report,** Amanda Shearin, PharmD
  **What’s the Vascular Access? Which Medication?** Carol J. Rollins, MS, PharmD
  **Lines, Drains, and Tubes,** Carol J. Rollins, MS, PharmD

8:00am – 9:30am  South Seas B, Level 3

- **Drug Literature Evaluation: Beyond the Randomized, Controlled Clinical Trial**

  Planned in cooperation with the ASHP New Practitioners Forum

  **Program Chair/Moderator:** Robert D. Beckett, PharmD, BCPS

  **Learning Objectives:**
  - Interpret key components of commonly encountered study designs.
  - Assess the biostatistical methods used in commonly encountered study designs.
  - Evaluate a piece of drug literature for appropriateness, strengths, limitations, and impact on practice.

  **Noninferiority Trials,** Lindsay Davison, PharmD
  **Pharmacoeconomic Analyses,** Robert D. Beckett, PharmD, BCPS
  **Meta-Analyses,** Jean Cunningham, PharmD, BCPS
Ensuring Your Future: Developing a New Practice or Expanding a Current One

Planned in cooperation with the ASHP New Practitioners Forum

9:15am – 10:15am South Seas E, Level 3

Presenter: Sara J. White, MS

Learning Objectives:
- Evaluate unmet medication use needs as possible new or expanded practice opportunities.
- Develop a service vision based on those identified unmet needs.
- Describe the process to assess the feasibility, garner the needed support and ultimately implement the practice.

Pain Management in the Critically-III

Planned in cooperation with the ASHP New Practitioners Forum

9:45am – 11:45am South Seas B, Level 3

Program Chair/Moderator: Brian L. Erstad, PharmD, FASHP

Learning Objectives:
- Describe common mistakes practitioners make in the assessment and treatment of pain in the critically-ill.
- Name appropriate pain assessment techniques to be used in the ED and ICU.
- Apply the correct techniques and treatment principles to given patient cases.

Pain Management in the ED, Asad E. Patanwala, PharmD, BCPS

Pain Management in the ICU, Brian L. Erstad, PharmD, FASHP

Integrated Pain Management, John J. Radosevich, PharmD

Stop the Bleeding: Updates in Hemophilia Management and Development of a Factor Stewardship Program

Planned in cooperation with the ASHP New Practitioners Forum

10:30am – 12:30pm South Seas E, Level 3

Program Chair/Moderator: Lindsey B. Poppe, PharmD, MS

Learning Objectives:
- Develop an appropriate treatment regimen for a hemophilia patient given the patient specific parameters.
- Evaluate the process for multidisciplinary involvement in changing the medication use process of factor products to continuous infusion.
- Recommend reasons for implementing a Factor Stewardship Program.
- Delineate patient-oriented and financial-oriented stewardship metrics.

Update on Hemophilia Management, R. Donald Harvey, PharmD, FCCP, BCOP

Multidisciplinary Approach to Using Continuous Infusions of Factor VIII, IX, and VIII/von Willebrand Factor, Lindsey B. Poppe, PharmD, MS

Development of a Factor Stewardship Program, Scott Savage, PharmD, MS

Metrics of Factor Stewardship, Lindsey B. Poppe, PharmD, MS

1:00pm – 3:00pm South Seas B, Level 3

Therapeutic Dilemmas in PK/PD, Pneumonia and Multi-Drug Resistance: Crossroads Between ID and ICU

Planned in cooperation with the ASHP New Practitioners Forum

Program Chair/Moderator: Simon W. Lam, PharmD, BCPS

Learning Objectives:
- Identify antibiotic pharmacokinetic differences in critically ill patients and the development of dosing regimens to meet pharmacodynamic goals.
- Apply recent evidence in hospital acquired pneumonia, healthcare associated pneumonia, and ventilator associated pneumonia to optimize patient pharmacotherapy.
- Evaluate the epidemiological trends, risk factors, and treatments of multi-drug resistant gram negative pathogens.
- Assess the role of early antifungal therapy in critically ill patients.

Antimicrobial Pharmacokinetics/Pharmacodynamics in Critically Ill Patients, Meghan Jeffres, PharmD

Updates in HAP, HCAP, and VAP, Garrett W. Schramm, PharmD, BCPS

Treatment and Risk Factors of Multi-Drug Resistant Gram Negative Pathogens, Christine J. Kubin, PharmD, BCPS (AQ-ID)

Role of Early Antifungal Therapy in Critically Ill Patients: Risk Factors and Treatment Options, Simon W. Lam, PharmD, BCPS

1:45pm – 3:15pm South Seas E, Level 3

Superbugs! Clinical Controversies in the Management of Multiple-Drug Resistant Bacteria

Planned in cooperation with the ASHP New Practitioners Forum

Program Chair/Moderator: Rachel Chambers, PharmD

Learning Objectives:
- Apply recent literature on colistin safety and dosing to the care of an individual patient.
- Interpret the literature comparing carbapenem and non-carbapenem beta-lactams for the treatment of ESBL producing enterobacteriaceae.
- Given an individual patient case, develop a rational, cost effective antimicrobial regimen for the management of methicillin resistant Staphylococcus aureus (MRSA) bacteremia.

Colistin Dosing: Beans versus Bugs! Rachel Chambers, PharmD

Are Carbapenems Always the Drug of Choice for Extended
Spectrum Beta-Lactamase (EBSL) Producers? Jason M. Pogue, PharmD, BCPS-ID
MRSA Bacteremia with Elevated Vancomycin MIC’s: Is Daptomycin Really Superior? Molly E. Steed, PharmD

3:00pm – 3:15pm South Seas B, Level 3

► Networking Energy Break
There is no better time to meet fellow residents and new practitioners than here. Flex your networking skills while learning interesting and helpful information. We’ll provide the energizing snacks for you to network network network!

3:15pm – 3:30pm South Seas E, Level 3

► Networking Energy Break
There is no better time to meet fellow residents and new practitioners than here. Flex your networking skills while learning interesting and helpful information. We’ll provide the energizing snacks for you to network network network!

3:15pm – 5:00pm South Seas B, Level 3

► How to Recognize and Treat Drug-Induced Disorders Caused by Hypertonic Saline, Linezolid, and Other Medications

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

ACTIVITY #204-000-12-313-L01P
LEVEL OF CONTENT: INTERMEDIATE
1.75 CONTACT HOURS/APPLICATION-BASED

Program Chair: Freddy M. Creekmore, PharmD, BCPS
Moderator: David Cluck, PharmD

Learning Objectives:
◆ Recognize when a patient is suffering from one of the discussed drug-induced disorders.
◆ Evaluate patients’ drug regimens to discover the most likely medication that is causing a drug-induced disorder.
◆ Prevent or reduce the likelihood of the disorder recurring in patients or occurring in other patients.
◆ Develop a treatment plan to manage the disorder.

Central Pontine Myelinolysis, Tyson Brooks, PharmD, BCPS
Drug-Induced Thrombotic Microangiopathy, Anne Ormerod, PharmD
Drug-Induced Rash with Eosinophilia and Systemic Syndrome, Nicole Bohm, PharmD
Serotonin Syndrome, David Cluck, PharmD

3:30pm – 5:00pm South Seas E, Level 3

► New Oral Anticoagulants: A Balancing Act Between Safety and Efficacy

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

ACTIVITY #204-000-12-309-L01P
LEVEL OF CONTENT: ADVANCED
1.5 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair: Joel C. Marrs, PharmD, BCPS
Moderator: Matthew Strum, PharmD, BCACP

Learning Objectives:
◆ Describe safety data comparing the bleeding risk between warfarin, dabigatran, and rivaroxaban.
◆ Compare anticoagulation reversibility practices between warfarin, dabigatran, and rivaroxaban.
◆ Describe stroke prevention data in patients with nonvalvular atrial fibrillation treated with warfarin, dabigatran, or rivaroxaban.
◆ Determine optimal practices for the safe use of new oral anticoagulants in the inpatient setting and the transition to outpatient setting.

Safety and Efficacy Analysis of New Oral Anticoagulants versus Warfarin, Carrie Oliphant, PharmD, BCPS (AQ Cardiology)
Comparison of Reversibility Practices for New Oral Anticoagulants versus Warfarin, James B. Groce, III, PharmD, CACP
Optimal Management of New Oral Anticoagulants during Transitions between the Inpatient and Outpatient Setting, Daniel M. Witt, PharmD, BCPS
All rooms are located in the Mandalay Bay South Convention Center unless otherwise noted.

**SATURDAY, DECEMBER 1**

7:00am – 6:00pm  Breakers E, Level 2

- **Clinical Skills Competition Semi-Final Round**
  (Closed session)
  Sponsored by the ASHP Research and Education Foundation
  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.

8:00am – 5:00pm  Mandalay Bay D, Level 2

- **ASHP’s PharmPrep Live! A Board Review Workshop**
  (Separate fee required. Registration is limited. Lunch is on your own.)
  Preparing for the Pharmacy Board Exam? We’ve got the workshop for you! Ask around—faculty, advisors, and workshop alum will all agree that this is the “must attend” board review of the year. The editors of ASHP’s PharmPrep Interactive Case-Based Board Review bring the text to life at a full-day workshop to help you prepare for the board examination to become a licensed pharmacist. The workshop will incorporate evidence-based approaches to decision making and important disease states you are likely to encounter on the board exam. Participants will receive a free 15-month access to ASHP’s PharmPrep Online—a $75 value! Don’t forget to bring a calculator!

**SUNDAY, DECEMBER 2**

7:00am – 8:30am

- **Pharmacy Student Forum Advisory Group Meetings**
  (Closed session by invitation only)
  Advisory Groups will meet in the following locations:
  - Admiral Boardroom, Level 3
  - Commanders Boardroom, Level 3
  - Explorer Boardroom, Level 3
  - Outrigger Boardroom, Level 3
  - Voyager Boardroom, Level 3

8:30am – 10:00am  Lagoon L, Level 2

- **SSHP Leaders Workshop**
  Are you a current officer or emerging leader in your Student Society of Health-System Pharmacy (SSHP)? If so, then please plan to join other student leaders from across the nation to network, share, and reapply best practices from fundraising to programming.

10:00am – 11:20am  South Seas D, Level 3

- **Pharmacy Student Forum Opening Session**
  Moderator: Lisa Scherkenbach, PharmD Candidate,
  University of Minnesota, and Chair, Pharmacy Student Forum Executive Committee, St. Paul, MN
  Join your fellow ASHP Pharmacy Student Forum members to kick off The Midyear! This session will start with a lot of excitement as the top 10 finalist teams from the national Clinical Skills Competition are announced!

  As an added bonus, you will be entertained and inspired by our keynote speaker, Brad Nieder, MD, as he gives you a dose of humor and advice. Don’t miss it!

  **Laughter is the Best Medicine**
  Dr. Brad is unique. (After all, how many physicians do you know who can make you laugh?) He’s been described as Jerry Seinfeld or Ray Romano...with an “MD.” Always a fan of standup comedy and improvisation, Dr. Brad became a founding member of the SIMPS improv troupe while attending Stanford University. During medical school at the University of Colorado, he frequently performed standup comedy throughout Denver for both live audiences ... and cadavers. He then moved on to the Medical College of Virginia for his residency. He still traverses the country, but he once again lives in Denver, a general practitioner by training who some would say is really a specialist in Healthy Humor™. And while he has NOT been published in the New England Journal of Medicine, he has co-authored the book *Humor Me*, which features his popular poem of wellness advice. And he has a CD and DVD, too! And some pretty cool T-shirts! Those hotshot academic physicians can’t say that!

11:30am – 12:30pm

- **Residency Training Primer**
  Come learn the basics of residency training and how it can benefit your career. These concurrent sessions will answer all the questions you may have-from should I do a residency, all the way to how to apply, and the basics of the match.

  “Residency Training 101: Should I Do a Residency?” is for students who have decisions to make about the residency path and “Residency Training 102: Navigating the Application Process” is for those who have full confidence that a residency is for them! It’s never too early to start preparing, and it is never
too late to get a few last minute tips, so stop by to find out what you can do to improve your residency prospects.

Residency Training 101: Should I Do a Residency?
Presenter: David Warner, PharmD, Associate Chief Pharmacy Officer, Duke University Hospital Department of Pharmacy, Durham, NC

Residency Training 102: Navigating the Application Process
Presenter: Sarah Boyd, PharmD, BCPS, Pharmacy Clinical Coordinator, St. John’s Regional Medical Center, Joplin, MO

Clinical Skills Competition Final Round Presentations
Sponsored by the ASHP Research and Education Foundation

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’ve got what it takes to be a champion in your pharmacy school or maybe even at the Clinical Skills Competition next year, check out the Final Round presentations from the top ten finalist teams. You are invited to stop in as an observer and get a good idea of what it takes to be a national finalist in the 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.

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. Dispel the rumor suggesting the Match is a scary process. You’ll also have an opportunity to ask questions about how it will save you time in the residency application process. This workshop includes role-play and live examples of common interview formats and questions you may encounter.

PhORCAS: The New Centralized Application System for Pharmacy Residencies
PhORCAS is the new Pharmacy Online Centralized Application Service. Come to this session to learn about the new process and how it will save you time in the residency application process. You’ll also have an opportunity to ask questions about this new service.

Presenters: Robert Montgomery, Liaison International, LLC; Brendan Reichert, MS, RPh, Assistant Director of Med Use Informatics, The Johns Hopkins Hospital, Baltimore, MD

Make a Lasting Impression: Evaluating Your Interview Skills
Interviews in your near future? There could be in a matter of months as you pursue an internship, residency or other career options, so be ready to make a lasting impression. This workshop includes role-play and live examples of common interview formats and questions you may encounter.

Note: This workshop builds on the Webinar presentation “Interview Preparation: an Overview” (available at www.ashp.org/students) where you will learn about interview formats and how to develop your personal interview strategy. It is strongly recommended that you view the Webinar prior to attending the workshop, but not mandatory!

Moderator: Mary Hess, PharmD, FASHP, FCCM, FCCP, Associate Dean, Student Affairs, Jefferson School of Pharmacy, Thomas Jefferson University, Philadelphia, PA

Facilitators: Catherine Bourg, PharmD, BCPS, BCACP, Clinical Assistant Professor, University of Georgia College of Pharmacy, Athens, GA; Anthony C. Kessels, PharmD, BCPS, FASHP, Manager of Medication Safety, Barnes-Jewish Hospital, St. Louis, MO; Beth Bryles Phillips, PharmD, FCCP, BCPS, PGY2 Ambulatory Care Residency Program Director and Clinical Professor, University of Georgia College of Pharmacy, Athens, GA; Jason J. Schafer, PharmD, BCPS, AAIHP, Assistant Professor Pharmacy Practice, Jefferson School of Pharmacy, Thomas Jefferson University, Philadelphia, PA

Participants: Michelle Blair, PharmD, PGY 1 Pharmacy Resident, Billings Clinic, Billings, MT; Shelly King McIntire, PharmD, PGY 2 Ambulatory Care Resident, University of Georgia and Charlie Norwood VA Medical Center, Athens, GA; Saranyu Selvanathan, PharmD, PGY 1 Pharmacy Resident, Thomas Jefferson University Hospital, Philadelphia, PA; Ryan Markham, PharmD, PGY 1 Resident, Oregon Health & Science University (OHSU) Hospitals and Clinics

Awards Ceremony and Student Society Showcase
Please join us for an evening to 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 event on your campus! Stick around to cheer on the recipients of the ASHP Student Leadership Award, ASHP Foundation Student Research Award, and of course, you don’t want to miss the announcement of the Clinical Skills Competition winners.

Emcees: Samar Chakar, PharmD Candidate, University of New England College of Pharmacy, and Member, Pharmacy Student Forum Executive Committee, Lawrence, MA; Jacalyn Jones, PharmD Candidate, Northeast Ohio Medical University College of Pharmacy, Pharmacy Student Forum Executive Committee, Rootstown, OH
MONDAY, DECEMBER 3

8:15am – 9:15am  Bayside B, Level 1

Student Poster Session

11:15am – 12:45pm  Mandalay Bay B, Level 2

Career Pearls: Days in the Lives of Health-System Pharmacists
Undecided about your career path? From clinical to management, informatics to ambulatory care — the options seem endless! Hear from 12 pharmacists who work in every aspect of hospital and health-system pharmacy practice 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: Thomas Lupton, PharmD Candidate, University of Kansas, and Member, Pharmacy Student Forum Executive Committee, Lawrence

Presentations:

- **GROUP 1** 11:20am – 12:00pm
  - *Pediatric Specialist*:
    Sherry Luedtke, PharmD, FPPAG, Associate Professor, Pharmacy Practice, Texas Tech HSC School of Pharmacy, Amarillo, TX
  - *Medication Safety*:
    Amanda E. Prusch, PharmD, BCPS, Clinical Pharmacy Specialist-Medication Safety, Lancaster General Health, Lancaster, PA
  - *Small/Rural Hospital Practice*:
    Debbie Cameron Sisson, RPh, MS, PharmD, Clinical Pharmacist, St Luke’s Hospital and Assistant Professor, University of Minnesota College of Pharmacy, Duluth, MN
  - *Management and Administration*:
    Michael Nnadi, PharmD, MHS, Corporate Vice President /Chief Pharmacy Officer, Novant Health, Winston-Salem, NC
  - *OR/Anesthesia Specialist*:
    Eric L. Chernin, RPh, Pharmaceutical Care Specialist-OR Pharmacy, Sarasota Memorial Hospital, Sarasota, FL
  - *Informatics*:
    Elizabeth Breeden, DPh, MS, Assistant Professor, Department of Pharmacy Practice Director, Master of Health Care Informatics Program, Lipscomb College of Pharmacy, Nashville, TN

- **GROUP 2** 12:05pm – 12:45pm
  - *Ambulatory Care*:
    Mary Ann Kliethermes, BS, PharmD, Vice-Chair Ambulatory Care, Associate Professor, Midwestern University Chicago College of Pharmacy, Downer’s Grove, IL
  - *Oncology Specialist*:
    Bradley Burton, PharmD, BCOP, CACP, Clinical Pharmacy Specialist- Medical Oncology, The Johns Hopkins Hospital, Baltimore, MD
  - *Critical Care Specialist*:
    Stacey Folse, PharmD, MPH, BCPS, Medical ICU Clinical Pharmacy Specialist Emory University Hospital, Atlanta, GA
  - *Emergency Medicine Specialist*:
    Melinda J. Ortmann, PharmD, BCPS, Clinical Pharmacy Specialist - Emergency Medicine, The Johns Hopkins Hospital, Baltimore, MD
  - *Academia*:
    Kelly M. Smith, PharmD, BCPS, FASHP, FCCP, Associate Dean, Academic and Student Affairs Associate Professor, Department of Pharmacy Practice and Science, University of Kentucky College of Pharmacy, Lexington, KY
  - *Emerging Sciences-Pharmacogenomics*:
    Kristine Crews, PharmD, BCPS, Translational Research Laboratory Director and Director, PGY2 Pharmacogenetics Residency Program, Pharmaceutical Sciences Department, St. Jude Children’s Research Hospital, Memphis, TN

11:30am – 12:30pm  Bayside B, Level 1

Student Poster Session

1:00pm – 2:30pm  Mandalay Bay B, Level 2

Fundamental Strategies to Secure a Residency: Getting a Head Start as P1-P3
In the tough competition for post graduate 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: 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 early as a P1 student? How can I excel in the interview process? 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 in order to successfully prepare yourself for the residency or fellowship application process. There is no ultimate guarantee of securing a post graduate training program. However, session presenter Joshua Caballero, PharmD., BCPP, Associate Professor at Nova Southeastern University is one of the faculty that put together a course that helped their students achieve an 83% residency acceptance rate, compared to the national average of 60% in the most recent match, making this one of the most successful residency preparation programs in the nation!

Presenter: Joshua Caballero, PharmD, BCPP, Associate Professor, Nova Southeastern University College of Pharmacy

Moderator: Samar Chakar, PharmD Candidate, University of New England College of Pharmacy, and Member, Pharmacy Student Executive Committee, Lawrence, MA

Monday, December 3: 1:00pm – 4:00pm

Tuesday, December 4: 8:00am – 11:00am 1:00pm – 4:00pm

The Residency Showcase is for individuals pursuing residency positions in 2013-14. Make the rounds all in one place — and save money and time. The Residency Showcase is set up for your convenience, allowing you to meet with representatives from hundreds of programs across the country. Remember, the Showcase is continued on Tuesday, but each program will only be available during one of the three time slots so plan ahead! Business dress is recommended.

For those students interested in visiting the Residency Showcase but who will not be pursuing a residency in 2013-14, please wait until the last hour 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 designed exclusively for P1-P3 students.
- **Fundamental Strategies to Secure a Residency: Getting a Head Start as P1-P3**
- **Effective CV and Resume Writing**
**4:30pm – 5:30pm  Mandalay Bay D, 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 Representative and Financial Advisor, New England Financial, Tampa, FL; Alonzo Barnes, Jr., Financial Representative, New England Financial, Tampa, FL

  **Moderator:** Thomas Achey, PharmD Candidate, Auburn University, and Vice Chair, Pharmacy Student Forum Executive Committee, Helena, AL

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**TUESDAY, DECEMBER 4**

- **7:00am – 9:00am  Lagoon G, Level 2**
  - **SSHP Faculty Advisor Breakfast Workshop**
    (Closed session by invitation only)
    **Presenter:** Diana L. Dabdub, Director, ASHP Pharmacy Student Forum, Bethesda, MD

- **8:00am – 11:00am  Bayside B, Level 1**
  - **Residency Showcase**
    For more information see page 9.

- **11:30am – 12:30pm  Bayside B, Level 1**
  - **Student Poster Session**

- **1:00pm – 3:00pm  Mandalay Bay 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. Learn important tips about preparing your CV and resume and how to avoid common mistakes.

    **Presenter:** Joseph Bonnarens, PhD, Associate Dean for Student Affairs, Manchester University College of Pharmacy, Fort Wayne, IN

    **Moderator:** Jacob Thompson, PharmD, MS, Associate Director of Pharmacy, UHS Wilson Medical Center, Johnson City, NY

- **1:00pm – 4:00pm  Bayside B, Level 1**
  - **Residency Showcase**
    For more information see page 9.

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**4:30pm – 5:30pm  Mandalay Bay D, Level 2**

- **Clinical Pearls for Students**
  Based on the popular Clinical Pearls session for practicing pharmacists, the 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.

  **Moderator:** Adam Pate, PharmD, Assistant Professor, University of Louisiana at Monroe College of Pharmacy, Monroe, LA

  **Presentations:**
  - **Making Sense of Alphabet Soup, the ABC’s of Chemotherapy**
    Jill M. Comeau, PharmD, BCOP, Assistant Professor Hematology/Oncology, University of Louisiana at Monroe College of Pharmacy, Gratis Assistant Professor of Medicine, Feist-Weiller Cancer Center and Bone Marrow Transplant Unit, LSUHSC-Shreveport, Shreveport, LA
  - **Defense Against the Dark Arts: Approach to the Toxic Patient**
    Nadia Awad, PharmD, PGY-2 Emergency Medicine Pharmacy Resident, Robert Wood Johnson University Hospital and Rutgers, The State University of New Jersey, New Brunswick, NJ
  - **A Shot?....Or Not!: Oral Management of Type 2 Diabetes**
    Kristen Pate, PharmD, Clinical Assistant Professor, University of Louisiana at Monroe College of Pharmacy, Monroe, LA
  - **VTE Prophylaxis in Hospitalized Patients**
    Sarah A. Johannes, PharmD, Health-System Pharmacy Administration Resident, University of North Carolina Hospital and Clinics, Chapel Hill, NC
  - **Medications and QTc: The Myths, The Facts and Pharmacist’s Responsibility**
    Claire Markway, PharmD, PGY2 Pediatric Pharmacy Resident, St. Louis Children’s Hospital, St. Louis, MO

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**8:00pm – Midnight  CatHouse (located inside the Luxor Hotel)**

- **Students’ Night Out**
  Party with a purpose! After a long week of education programming, interview, poster presentations, and more; you need to kick back and relax. Join pharmacy student from across the country for a fun night out in Las Vegas. You must present your SNO ticket (included with your registration badge) and be 21 years or older with proper ID to enter. Shuttle service will not be provided.
SUNDAY, DECEMBER 2

8:00am – 9:00am

Small and Rural Keynote

Increasing Pharmacist’s Role in Small, Rural Hospitals: The Time is Now!
Planned in cooperation with the ASHP Section of Inpatient Care Practitioners
ACTIVITY #204-000-12-317-L04P
LEVEL OF CONTENT: GENERAL INTEREST
1.0 CONTACT HOURS/KNOWLEDGE-BASED
Presenter: Anthea Francis, RPh, PharmD, BS
Program Chair/Moderator: Lois Parker, BS
Learning Objectives:
◆ Name the challenges facing small, rural hospitals in improving medication management.
◆ Identify current findings around patient safety and the important role of the pharmacist in small, rural hospitals.
◆ Describe local, state and federal initiatives aimed at increasing the pharmacist’s role in small, rural hospitals.
◆ Explain how to lead the way to better care, better health, and lower costs for our nation’s healthcare system.

9:10am – 10:10am

Drug Shortages: Survival Tactics for the Perfect Storm
Planned in cooperation with the ASHP Section of Inpatient Care Practitioners
ACTIVITY #204-000-12-318-L04P/204-000-12-318-L04
LEVEL OF CONTENT: GENERAL INTEREST
1.0 CONTACT HOURS/KNOWLEDGE-BASED
Presenter: Deborah R. Saine, MS, RPh, FASHP
Learning Objectives:
◆ Describe the current status of drug shortages in the US and their implications for patient safety.
◆ Outline six components of a framework for safe management of drug shortages.
◆ Explain how appropriate management of shortages can avoid patient harm.

10:20am – 11:20am

Don’t Forget the Chronic Problems: DM, HTN, and COPD Update for Small and Rural Practice
Planned in cooperation with the ASHP Section of Inpatient Care Practitioners
ACTIVITY #204-000-12-324-L01P
LEVEL OF CONTENT: INTERMEDIATE
1.0 CONTACT HOURS/KNOWLEDGE-BASED
Program Chair/Moderator: Lois Parker, BS
Presenter: Wes C. Pitts, PharmD, BCPS
Learning Objectives:
◆ Summarize recent updates to clinical practice guidelines for the management of diabetes, chronic obstructive pulmonary disease (COPD), and hypertension.
◆ Explain practical tips for management of diabetes, COPD, and hypertension in the small and/or rural acute care setting.
◆ Explain strategies for medication management in the small and/or rural acute care setting for the management of diabetes, COPD, and hypertension.

11:30am – 12:30pm

PPMI Initiatives in Small and Rural Hospitals: Success Stories that Move the Profession Forward
Planned in cooperation with the ASHP Section of Inpatient Care Practitioners
ACTIVITY #204-000-12-323-L04P
LEVEL OF CONTENT: GENERAL INTEREST
1.0 CONTACT HOURS/KNOWLEDGE-BASED
Program Chair/Moderator: John Worden, PharmD, MS
Learning Objectives:
◆ Describe results of PPMI self-assessment survey data and how they compare to your institution.
◆ Describe services that have been successfully implemented in small/rural hospitals and their applicability in your setting.
◆ Illustrate the value of successfully implementing an identified PPMI service.
PPMI Survey, Jeff Little, PharmD, MPH
Success Story: Fairview Northland, Mark D. Nelson, RPh
Success Story: Berlin Hospital, Craig W. Griffis, BS Pharm

1:40pm – 2:40pm

Positioning Remotely Delivered Pharmacist Care in Small and Rural Settings
ACTIVITY #204-000-12-321-L04P
LEVEL OF CONTENT: GENERAL INTEREST
1.0 CONTACT HOURS/KNOWLEDGE-BASED
Program Chair/Moderator: Kelly Morrison, BA
Learning Objectives:
◆ Develop how to determine when remote pharmacy services could be an alternative in your setting.
◆ Explain how to develop a guidelines checklist to weigh remote pharmacy service alternative delivery models.
◆ Identify problematic areas and develop action plan for success.
Welcome & Introduction: Understanding Remote Order Processing Models, Kelly Morrison, BA
Positioning Remote Pharmacy Services: Enabling Meaningful Use Technology, Richard F. Stomackin, BS Pharm
Complying with Regulatory and State Laws, Heidi Bragg, MBA, RPh

For presenter affiliations see Presenter Index
Small and Rural Hospital Success Stories: Strategies Worth Sharing

Planned in cooperation with the ASHP Section of Inpatient Care Practitioners

ACTIVITY #204-000-12-320-L04
LEVEL OF CONTENT: GENERAL INTEREST
1.0 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: John Worden, PharmD, MS

Learning Objectives:
- Identify opportunities to improve pharmacy services in the small and rural setting.
- Describe steps for implementation of one pharmacy improvement opportunity in a small and rural practice.
- Discuss human resource opportunities that have been successfully implemented in the small and rural hospital.

Driving Quality and Outcomes with CMS Data, Ann Carder, PharmD

Tapping into External Funding Resources, Denise Fields, PharmD

HRSA PSPC Practice Site, Todd D. Lemke, PharmD, CDE

Quality Assessment and Measurement in Small and Rural Hospitals

Planned in cooperation with the ASHP Section of Inpatient Care Practitioners

ACTIVITY #204-000-12-322-L04
LEVEL OF CONTENT: INTERMEDIATE
1.25 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Debra L. Cowan, PharmD

Learning Objectives:
- Explain differences in The Joint Commission and CMS standards and requirements for small, rural, critical access hospitals versus other hospitals.
- Describe new programs such as NRHA quality measures and their impact in your setting.
- Name specific examples of how to meet measures/standards in an effort to improve patient outcomes.

Check It Out: Joint Commission Standards and Inspections for Small and Rural Hospitals, Jeannell Mansur, BS Pharm, PharmD, FASHP

Rural Relevant Quality Measures: Hope for Small, Rural Hospitals, Brock Slabach, MPH, FACHE
**PHARMACY RESIDENCY & TECHNICIAN TRAINING ACTIVITIES**

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

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**Pharmacy Technician Training Program Directors and Instructors**

**SUNDAY, DECEMBER 2**

1:00pm – 2:00pm  Lagoon G, Level 2

- **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 who have very recently submitted an application and have never been through an accreditation site survey. The “nuts-and-bolts” 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!

2:00pm – 3:00pm  Lagoon G, Level 2

- **New Pharmacy Technician Training Standard: Open Forum**

  A perfect forum for pharmacy technician training program directors and instructors to learn about hot issues that are happening in pharmacy technician training program accreditation. This year’s topic is sizzling! Come to the session and provide feedback regarding the upcoming pharmacy technician training program accreditation standard. The document will soon be leaving the draft stage so your comments are essential!

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**Residency Program Directors and Preceptors**

**SUNDAY, DECEMBER 2**

1:00pm – 2:00pm  Palm A, Level 3

- **Applying for Residency 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!

1:00pm – 2:00pm  Banyan C, Level 3

- **ResiTrak Update 2012**

  Did you know that you are now able to copy one resident’s schedule to another in ResiTrak? Have you ever logged into ResiTrak and wished you could sort and organize your task list? Do not miss out on this opportunity to see a review of all the improvements and updates that occurred in ResiTrak this year. You will be able to see demonstrations of the latest changes and gain insight into maximizing your use of the system. Whether you are a program director, preceptor, or resident that utilizes ResiTrak, your attendance at this session will definitely be beneficial!

2:00pm – 3:00pm  Banyan C, Level 3

- **Transition of Care: Future Residency Opportunities?**

  Pharmacists are getting more involved in the continuity of care of patients from the acute care settings back to home. With the development of Accountable Care Organizations is this an opportunity for more advanced training, maybe even residency training to develop this area of expertise? Come hear the experts and how they are developing programs to fill the needs for now and the future for ensuring optimal patient care in the pharmacy practice model.

3:00pm – 5:30pm  South Seas J, Level 3

- **Residency Program Directors and Preceptors Town Hall & PhORCAS update**

  Why will this Residency Preceptors Town Hall meeting be different than any other? Catch a perfect opportunity to gain all of the hot off of the press information regarding accreditation issues from the Commission on Credentialing and ASHP related activities (residency expansion, critical factors, duty hours, and centralized application services, to name a few). The first part of the session will be spent discussing updates from the Commission on Credentialing by Janet Teeters, Director, Accreditation Services Division and Michelle McCarthy, Chair of the Commission on Credentialing. Robert Montgomery, from Liaison International, will be a guest during the later part of the session. He’ll provide the group with the latest and greatest from PhORCAS (Pharmacy Online Residency Centralized Application Service). He’ll also be available to answer any questions that the group has regarding the centralized application service. This is a forum not to be missed! All current and future residency programs, preceptors, and residents are encouraged to attend.

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**MONDAY, DECEMBER 3**

6:30am – 9:00am  Banyan C, Level 3

- **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 Veterans Affairs, ASHP Commission on Credentialing, and ASHP Accreditation Services Division staff. Come share this excellent opportunity to network with other practitioners in the Veterans Affairs environment!
1:00pm – 4:00pm  Bayside B, Level 1

▶ Residency Showcase
For more information see page 9.

4:45pm – 5:45pm  Lagoon H, Level 2

▶ 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 Division staff, and APhA staff. Come share this excellent opportunity to network with other practitioners in the community pharmacy arena.

4:45pm – 5:45pm  Palm C, Level 3

▶ Regional Residency Conference Planners Meeting
This meeting provides an opportunity for the planners of the residency regional conferences to share ideas and discuss issues to improve each regional residency conference.

**TUESDAY, DECEMBER 4**

8:00am – 11:00am  Bayside B, Level 1

▶ Residency Showcase
For more information see page 9.

9:00am – 10:00am  Lagoon H, Level 2

▶ Ask the Pharmacy Residency Accreditation Surveyors Roundtable Discussion
ASHP Accreditation Services Division 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: 9:00-10:00am and 2:00-3:00pm to accommodate the busy schedules of those exhibiting at the Residency Showcase.

1:00pm – 4:00pm  Bayside B, Level 1

▶ Residency Showcase
For more information see page 9.

2:00pm – 3:00pm  Lagoon H, Level 2

▶ Ask the Pharmacy Residency Accreditation Surveyors Roundtable Discussion
(See above.)

4:45pm – 5:45pm  Breakers F, Level 2

▶ Managed Care Residency Open Forum
This open forum will provide an opportunity for pharmacy residency program directors and preceptors to discuss issues concerning managed care residency issues with members of the ASHP Commission on Credentialing, ASHP Accreditation Services Division staff, and AMCP staff. Come share this excellent opportunity to network with other practitioners in the managed care pharmacy environment.
Networking Sessions

SUNDAY, DECEMBER 2

12:00pm – 1:30pm
Investigational Drug Services

Networking Session Hosted by the Section of Inpatient Care Practitioners

Facilitator: Helen R. Tamer, PharmD, Clinical Pharmacist, Investigational Drug Service, University of Michigan Hospital, Clinical Assistant Professor, University of Michigan College of Pharmacy, Ann Arbor, MI

Investigational Drug Services Practitioners and interested persons should attend this networking session to learn and discuss current issues and regulatory concerns in the IDS arena.

Discussion Topics:
◆ New Regulatory Guideline Update and Current Issues
◆ Research and Ethics – When Quest for Knowledge Conflicts with Patient Safety

12:30pm – 2:00pm
Pediatrics/Neonatal

Networking Session Hosted by the Section of Clinical Specialists and Scientists

Facilitator: Jennifer Hamner, PharmD, Manager of Professional Development and Residency Program Director, Children’s Hospital Colorado, Aurora, CO

Discussion Topics:
◆ Management of Drug Shortages in Pediatrics
◆ Chloral Hydrate Discontinuation
◆ Off Label routes – Inhalation/Nebulization/Intrathecal
◆ Management of Pediatric Appendicitis
◆ Combination Narcotic Analgesics and Codeine

12:30pm – 2:00pm
Cardiology

Networking Session Hosted by the Section of Clinical Specialists and Scientists

Facilitator: Christopher Betz, PharmD, BCPS, Associate Professor, Department of Clinical and Administrative Sciences, Sullivan University College of Pharmacy, Louisville, KY

Discussion Topics:
◆ Anticoagulants in ACS and Atrial Fibrillation: What’s changed?
◆ Dual Antiplatelet Therapy: Which path to choose?
◆ The future of anticoagulant usage in heart failure: What did WARCEF tell us?
◆ Cardiovascular Risk Reduction Guidelines 2012?

12:30pm – 2:00pm
Hematology/Oncology

Networking Session Hosted by the Section of Clinical Specialists and Scientists

Facilitator: Bradley Burton, PharmD, BCOP, CACP, Clinical Pharmacy Specialist, Medical Oncology, The Johns Hopkins Hospital, Baltimore, MD

Discussion Topics:
◆ Drug Shortages
◆ Oral Chemotherapy Programs
◆ Chemotherapy Order Set Development
◆ Where do you work as a hematology/oncology pharmacist?
Share your experiences

1:30pm – 3:00pm
Medication Informatics – Measuring Success

Networking Session Hosted by the Section of Pharmacy Informatics and Technology Executive Committee

Facilitators: Kevin Marvin, RPh, MS, FASHP, Kevin Marvin Consulting LLC, Burlington, VT; Sylvia Thomley, PharmD, MS, Director, IT Clinical Informatics, Sanford Health, Sioux Falls, SD

Discussion Topics:
◆ What is success?
◆ Why develop standard measures now?
◆ Meaningful Use and Medication Related Measures
◆ Numerators and denominators
◆ Breakout to discuss and identify measures in the following areas: Inpatient operations and automation, Inpatient and Ambulatory Clinical practice, Clinical Decision Support, and Pharmacy Informatics Education/Work Force

2:30pm – 4:00pm
Psychopharmacy/Neurology

Networking Session Hosted by the Section of Clinical Specialists and Scientists

Facilitator: Cherry W. Jackson, PharmD, BCPP, FASHP, Professor of Pharmacy, Auburn University, Auburn, AL

Discussion Topics:
◆ Introduction to Psychiatry Residency Directors and Candidates interested in Networking
◆ Collaborative Practice Agreements for Psychiatric Pharmacists
◆ Starting New Clinical Programs in Psychiatric Facilities
◆ Medicaid Prescription Limits in Psychiatry

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

Sessions marked with this icon relate to ambulatory care.
#### MONDAY, DECEMBER 3

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<tr>
<th>Time</th>
<th>Location</th>
<th>Session Title</th>
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<tbody>
<tr>
<td>11:15am – 12:15pm</td>
<td>Jasmine F, Level 3</td>
<td><strong>Clinical/Quality Dashboards and the Business Case for Pharmacy Services</strong></td>
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<td>Networking Session Hosted by the Section of Pharmacy Practice Managers’ Advisory Group on Pharmacy Business Management</td>
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<td>Facilitator: Michael DeCoske, PharmD, BCPS, Associate Chief Pharmacy Officer, Ambulatory Services, Duke University Hospital, Durham, NC</td>
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<td>In the face of increasing pressure to measure the value of pharmacy services and to affect patient outcomes, discuss strategies and solutions for measuring the work pharmacists perform and illustrate in a meaningful way using dashboards.</td>
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<td><strong>Discussion Topics:</strong></td>
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<td>◆ Current successful strategies, brainstorm new measures and discuss how to get them implemented</td>
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<td>◆ Clinical quality dashboards currently used by member institutions</td>
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<td>◆ Strategize how metrics can be used to develop and market new and existing pharmacy services</td>
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<td>11:15am – 12:15pm</td>
<td>Palm H, Level 3</td>
<td><strong>Big Ideas for Small and Rural Hospitals</strong></td>
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<td>Networking Session Hosted by the Section of Inpatient Care Practitioners’ Advisory Group on Small and Rural Hospitals</td>
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<td>Facilitator: Navy Chhay, PharmD, Director of Pharmacy Services, Sauk Prairie Memorial Hospital &amp; Clinics, Prairie du Sac, WI</td>
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<td>Small and Rural Hospitals face many challenges to comply with federal and state regulations while ensuring their patients receive safe and quality healthcare as their urban and academic center counterparts. Those interested in networking with colleagues to address the issues facing practitioners who practice in rural and frontier areas of the country should schedule time to attend this session.</td>
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<td><strong>Discussion Topics:</strong></td>
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<td></td>
<td>◆ The Role of Small and Rural Hospitals in Advancing Non-traditional Residency Programs</td>
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<td>◆ C-suite Buy-in to Fund Clinical Pharmacy Services in Rural Institutions</td>
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<td>2:30pm – 4:00pm</td>
<td>Lagoon L, Level 2</td>
<td><strong>IV Workflow Software – Implementation and Change Management</strong></td>
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<td>Networking Session Hosted by the Section of Pharmacy Informatics and Technology’s Advisory Group on Pharmacy Operations Automation</td>
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<td>Facilitators: Kavish Choudhary, PharmD, MS, Director, Pharmacy Support Services, University of Utah Hospitals &amp; Clinics, Salt Lake City, UT; Brandon J. Ordway, PharmD, MS, Pharmacy Operations Manager, St. Joseph’s Hospital-HealthEast Care System, St. Paul, MN</td>
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<td><strong>Discussion Topics:</strong></td>
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<td>◆ Quick overview of software</td>
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<td>◆ Implementation and installation – tips for success</td>
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<td>◆ Managing change for staff, focusing on technicians</td>
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<td>◆ Assessment tools</td>
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<td>11:15am – 12:15pm</td>
<td>Mandalay Bay D, Level 2</td>
<td><strong>Women’s Health</strong></td>
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<td>Networking Session Hosted by the Section of Clinical Specialists and Scientists</td>
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<td>Facilitator: Fancy G. Manton, PharmD, Clinical Pharmacy Coordinator, Woman’s Hospital, Baton Rouge, LA</td>
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<td><strong>Discussion Topics:</strong></td>
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<td></td>
<td>◆ Drugs in Obstetrics (HIV, Contraception, and Labor Induction/Augmentation</td>
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<td>◆ Obstetrical Quality Initiatives (Reducing early elective inductions)</td>
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<td>◆ Cardiovascular Disease in Women</td>
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<td>◆ Menopause and Related Conditions</td>
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<td>11:15am – 12:15pm</td>
<td>Lagoon H, Level 2</td>
<td><strong>Current Issues for Ambulatory Care Pharmacists: Provider Status, Collaborative Practice, Health-Homes, and Billing for Services</strong></td>
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<td>Networking Session Hosted by the Section of Ambulatory Care Practitioners’ Advisory Group on Clinical Practice Advancement</td>
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<td>Facilitator: Laura M. Traynor, PharmD, BCPS, Assistant Professor, Concordia University Wisconsin School of Pharmacy and Ambulatory Pharmacist, Columbia-St. Mary’s Hospital-Ozaukee, Mequon, WI</td>
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<td><strong>Discussion Topics:</strong></td>
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<td>◆ Share the most current information about the quest for pharmacist provider status</td>
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<td>◆ Identify opportunities for pharmacists within health-home models of care and Accountable Care Organizations</td>
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pharmacy practice sections networking sessions

11:15am – 12:45pm  
Mandalay Bay F, Level 2

Pharmacoeconomics and Drug Policy Development

**Networking Session Hosted by the Section of Clinical Specialists and Scientists**

**Facilitator:** Elyse A. MacDonald, PharmD, MS, BCPS, Drug Information Specialist, University of Utah Hospitals and Clinics, Salt Lake City, UT

**Discussion Topics:**
- Drug policy changes due to drug shortage management
- Cost-saving initiative sharing
- Pharmacoeconomics in the MUE process
- Improving formulary decision making

11:15am – 12:45pm  
Reef D, Level 2

Pain Management

**Networking Session Hosted by the Section of Clinical Specialists and Scientists and the Section of Ambulatory Care Practitioners’ Advisory Group on Pain Management and Palliative Care**

**Facilitator:** Virginia Ghafoor, PharmD, Clinical Pharmacy Specialist – Pain Management, University of Minnesota Medical Center, Minneapolis, MN

**Discussion Topics:**
- Update on pain management board certification, growth of PGY-2 residencies, and other initiatives
- Billing for pain management services (insurance and PBMs), PMP utilization and impact on opioid prescribing, and innovative clinical practices in pain/palliative care
- Accountable care for pain management and palliative care. What are you doing at your institution? How has the healthcare reform legislation changed your practice?
- Pain management and palliative care residency projects
- Sharing practice protocols

11:15am – 12:45pm  
Mandalay Bay J, Level 2

Nutrition Support

**Networking Session Hosted by the Section of Clinical Specialists and Scientists**

**Facilitator:** Lisa G. Hall Zimmerman, PharmD, BCPS, BCNSP, Detroit Medical Center, Detroit, MI

**Discussion Topics:**
- Streamlining inpatient and outpatient parenteral nutrition regimens
- Withholding enteral nutrition for the administration of medications
- Latest updates in electrolyte shortages
- Discuss challenges with TCT program implementation and policies and procedures necessary to ensure safe practices

11:15am – 12:45pm  
Lagoon G, Level 2

Geriatrics

**Networking Session Hosted by the Section of Clinical Specialists and Scientists**

**Facilitator:** Dawn Knudsen Gerber, PharmD, CGP, FASCP, Associate Professor, Midwestern University College of Pharmacy-Glendale, Glendale, AZ

**Discussion Topics:**
- Challenges for pharmacists in unique geriatric practice settings (accountable care, long-term care, critical care, emergency medication, etc.)
- Incorporating 2012 Beer’s Criteria in daily geriatric practice
- Collaborative practice and geriatrics

11:15am – 12:45pm  
Mandalay Bay L, Level 2

Preceptor Skills Development

**Networking Session Hosted by the Section of Clinical Specialists and Scientists’ Advisory Group on Preceptor Skills Development**

**Facilitator:** Phil Ayers, PharmD, BCNSP, FASHP, Chief, Clinical Pharmacy Services, Associate Clinical Professor, Mississippi Baptist Medical Center, Jackson, MS

**Discussion Topics:**
- Managing job responsibilities and patient care activities
- Differentiating learner needs (IPPE vs. APPE, PGY1 vs. PGY2)
- Measuring Preceptors performance

12:30pm – 1:30pm  
Jasmine F, Level 3

Tech-Check-Tech (TCT)

**Networking Session Hosted by the Section of Pharmacy Practice Managers’ Advisory Group on Quality and Compliance**

**Facilitator:** Rabiah Dys, PharmD, Executive Director, Clinical Program Development, Comprehensive Pharmacy Services, Dracut, MA

This networking session will facilitate discussion on the minimum requirements and training necessary to guide inpatient hospital pharmacies considering implementation a TCT program, as well as lessons learned on how to optimize the role of technicians in these advanced roles.

**Discussion Topics:**
- Discuss TCT program implementation processes
- Discuss challenges with TCT program implementation and policies and procedures necessary to ensure safe practices

3:30pm – 5:00pm  
Reef D, Level 2

Multi-Hospital Health System Pharmacy Leaders and Executives

**Networking Session Hosted by the Section of Pharmacy Practice Managers’ Advisory Group on Multi-Hospital Health System Pharmacy Leaders**

**Facilitator:** Bonnie Levin, PharmD, MBA, Corporate AVP, Pharmacy Services, MedStar Health, Columbia, MD

This networking session will provide a unique experience for multi-hospital health system pharmacy leaders in executive positions to meet with peers in similar roles from around the country. The Section has organized this session exclusively for multi-hospital health system pharmacy members in executive positions to discuss the challenges as new roles evolve in
coordinating the pharmacy enterprise across more than one hospital, multiple hospitals in different cities and states, and leading multiple different pharmacy service lines.

Discussion Topics:
- System organizational structures and effective communication and outcomes
- System Pharmacy and Therapeutics Committee and related committee management
- Efforts in meeting Value Based Purchasing and ACOs
- Centralized programs and technology
- Market environment and issues facing multi-hospital health system pharmacy leaders

5:15pm – 6:15pm  South Pacific J, Lower Level, North Convention Center

Medication Safety Issues and Best Practices

Networking Session Hosted by the Section of Inpatient Care Practitioners’ Advisory Group on Medication Safety

Facilitator: Dan Degnan, PharmD, MS, CPHQ, Medication Safety Officer, Community Health Network, Carmel, IN

This networking session is a must attend for practitioners who have quality, risk management, medication safety responsibilities. Those who are medication safety experts or wish to network with them should attend as well.

Discussion Topics:
- National Patient Safety Initiatives – Update and tips for Prioritizing (Sequel to the Summer Meeting 2012 Networking Session)
- MSOs – Who are we? What can we do? What are our issues?

5:15pm – 6:15pm  South Pacific D, Lower Level, North Convention Center

Who’s on First? Developing a Playbook for Optimizing Transitions of Care

Networking Session Hosted by the Section of Pharmacy Informatics and Technology’s Advisory Group on Ambulatory Care Informatics and the Section of Ambulatory Care Practitioners

Facilitator: George A. Robinson, RPh, Senior Product Manager, FDB (First Databank, Inc.), Indianapolis, IN

Discussion Topics:
- Current barriers
- Role of HIE and ACOs
- What specific ambulatory pharmacy issues need to be addressed
- What are people doing now?

5:15pm – 6:30pm  South Pacific F, Lower Level, North Convention Center

Infectious Diseases

Networking Session Hosted by the Section of Clinical Specialists and Scientists

Facilitator: Jason J. Schafer, PharmD, BCPS, AAHIVP, Assistant Professor, Department of Pharmacy Practice, The Jefferson School of Pharmacy, Thomas Jefferson University, Philadelphia, PA

Discussion Topics:
- Antiretroviral Therapy for HIV Prevention
- The Challenges of Starting and Stopping HIV Medicines in the Hospital
- HIV and Primary Care – An Important Role for Pharmacists

TUESDAY, DECEMBER 4

7:00am – 8:00am  Palm H, Level 3

Home Infusion

Networking Session Hosted by the Section of Ambulatory Care Practitioners’ Advisory Group on Home Infusion

Facilitator: Donald J. Fillibeck, PharmD, MBA, Dublin, OH

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

11:00am – 12:30pm  Lagoon I, Level 2

Advancing the Role of Pharmacy Technicians in Future Pharmacy Practice – The Role of CREST and Standardization

Networking Session Hosted by the Section of Inpatient Care Practitioners’ Advisory Group on Pharmacy Support Services

Facilitator: Trish Wegner, BS Pharm, PharmD, FASHP, Vice-President, Illinois Council of health-System Pharmacists, Loves Park, IL

Like last year, this promises to be an energetic and robust discussion centered on recommendations of the PTCB CREST Summit and the sundry differences in certification/licensure requirements between pharmacists and technicians. This is a must attend networking session for those who have purview of and/or interest in pharmacy technician issues!

Discussion Topics:
- “Discussing the Summit – Have We Reached the CREST Yet?”
- “The Standard Is – We Have No Standard”

11:15am – 12:15pm  Mandalay Bay D, Level 2

Developing Informal Leaders to Drive Practice Model Advancement

Networking Session Hosted by the Section of Pharmacy Practice Managers’ Advisory Groups on Pharmacy Practice Model Initiative and Leadership Development

Facilitators: Anita Harrison, PharmD, BCPS, Clinical Pharmacy Specialist, SICU, PGY1 Residency Director, Methodist Dallas Medical Center, Dallas, TX; Kelly Martin, PharmD, MS, Manager, Inpatient Pharmacy Services, Virginia Commonwealth University Health System, Richmond, VA

This networking event is intended for anyone interested in learning more about how to drive practice advancement. Groups will discuss how various types of informal leaders influence change and how to become, or influence others to become, informal leaders

Discussion Topics:
- Discuss how informal leaders influence change
- Discuss how to implement transitions of change
- Discuss strategies to build effective multidisciplinary relationships to foster practice model advancements
11:15am – 12:30pm  Reef D, Level 2

**Ambulatory Care Pharmacist Reimbursement Opportunities: Hospital-Based, Physician-Based and Retail Pharmacy-Based**

*Networking Session Hosted by the Section of Ambulatory Care Practitioners’ Advisory Group on Clinical Business Development*

**Facilitator:** Mary Ann Kliethermes, BS, PharmD, Vice-Chair Ambulatory Care, Associate Professor, Chicago College of Pharmacy, Midwestern University, Downers Grove, IL

**Discussion Topics:**
- Describe the current Medicare billing models for clinical pharmacy services and the rules and regulations for each setting
- Describe state based Medicaid billing models for clinical pharmacy services in states where models have been successfully implemented
- List commercial payers that have mechanisms for clinical pharmacy service payment for their enrollees and describe the programs
- Describe emerging models of potential payment for clinical pharmacy services under innovative models associated with health care reform

11:15am – 12:30pm  Palm H, Level 3

**The Pharmacist and Meaningful Use**

*Networking Session Hosted by the Section of Pharmacy Informatics and Technology’s Advisory Group on Clinical Information Systems*

**Facilitators:** Franklin P. Crownover, RPh, MSHI, Pharmacy Informatics Coordinator, Tufts Medical Center, Boston, MA; Maren Everton, RPh, Management Consulting Director, maxIT Healthcare, Park City, UT

**Discussion Topics:**
- Meaningful use Stage 1
- Decision support in Meaningful Use
- Meaningful Use Stage 2

11:15am – 12:45pm  Lagoon G, Level 2

**Clinical Leadership**

*Networking Session Hosted by the Section of Clinical Specialists and Scientists’ Advisory Group on Clinical Leadership*

**Facilitator:** John S. Clark, PharmD, MS, BCPS, FASHP, Director of Pharmacy Services, University of Michigan, Ann Arbor, MI

**Discussion Topics:**
- Is everyone a clinical leader? What makes a clinical leader?
- Team building, accountability – Who is responsible?
- To measure or not to measure metrics and their impact on clinical leadership

11:15am – 12:45pm  Mandalay Bay F, Level 2

**Anticoagulation**

*Networking Session Hosted by the Section of Clinical Specialists and Scientists*

**Facilitator:** Lynn Belcher, BS Pharm, Clinical Specialist Anticoagulation, Legacy Health System, St. Helens, OR

**Discussion Topics:**
- Have your anticoagulation clinics increased the time between INR monitoring to 6, 9, 12 weeks? If so have you established criteria for who gets the longer monitoring interval? How are you documenting rational for increased time for each patient? Are you monitoring outcomes for these patients?
- Have sites developed treatment guidelines to reverse bleeding with new anticoagulants? What agents are being used?
- Have new anticoagulants impacted workload in your anticoagulation clinics? Are your clinics working with any patients on new agents? Monitoring renal function, determining dosing?

11:15am – 12:45pm  Breakers C, Level 2

**Emergency Medicine**

*Networking Session Hosted by the Section of Clinical Specialists and Scientists*

**Facilitator:** Melinda J. Ortmann, PharmD, BCPS, Clinical Pharmacy Specialist – Emergency Medicine, The Johns Hopkins Hospital, Baltimore, MD

**Discussion Topics:**
- Creative Staffing Options in the Era of Budget Crunching – strategies to help deliver safe and consistent clinical coverage in a 24/7 environment
- Collaborative Practice Agreements in the ED Setting
- Education and Training in the ED environment: challenges, learning opportunities, structure and ideas for developing and advancing training of students and residents

12:00pm – 1:30pm  Lagoon H, Level 2

**Pharmacy Practice Experiences: Student and Preceptor Partnerships to Maximize the Interactions**

*Hosted by the Section of Inpatient Care Practitioners’ Advisory Group on Pharmacy Practice Experiences*

**Facilitator:** Lijian (Leo) Cai, PharmD, Director of Pharmacy, Wheaton Franciscan Inc. – Saint Joseph Hospital, Milwaukee, WI

Ensuring a positive pharmacy practice experience is the goal of every preceptor. Attend this networking session to learn tips and discuss strategies that facilitate an engaging experience for the student and a rewarding experience for the preceptor.

**Discussion Topics:**
- Role of Junior Preceptors and the Medical Training Model in Pharmacy Practice Experiences
- Student Training: Burden or Benefit?
Critical Care

Networking Session Hosted by the Section of Clinical Specialists and Scientists
Facilitator: Stacey Folese, PharmD, MPH, BCPS, Medical ICU Clinical Pharmacy Specialist, Emory University Hospital, Atlanta, GA

Discussion Topics:
- Dopamine vs Norepinephrine for Septic Shock
- Fluid Resuscitation in Severe Sepsis
- ARDS: New Definition and Role of NMBAs

Primary Care/Pharmacotherapy

Networking Session Hosted by the Section of Clinical Specialists and Scientists
Facilitator: Kristi W. Kelley, PharmD, BCPS, CDE, Associate Clinical Professor, Department of Pharmacy Practice/Clinical Pharmacist, Auburn University Harrison School of Pharmacy/Continuity Clinics, Baptist Health, Inc., Birmingham, AL

Discussion Topics:
- Updates to guidelines and recent key studies significant to primary care
- Response to transitions to care in the primary/ambulatory care setting
- New medications for obesity
- Experience with new anticoagulants
- Changes to immunization recommendations and significance to primary care

WEDNESDAY, DECEMBER 5

11:00am – 12:30pm
Lagoon G, Level 2

OR/Anesthesiology

Networking Session Hosted by the Section of Inpatient Care Practitioners
Facilitator: Peggy Bickham, PharmD, Assistant Director, Specialty & Support Services, University of Illinois Hospital and Health Sciences Center, Chicago, IL

Attend this networking session and meet OR/Anesthesiology pharmacists as they discuss contemporary issues and proposed solutions in this distinct area of practice.

Discussion Topics:
- New Drugs: Issues and Usage
- Electronic Anesthesia Records

11:15am - 12:30pm
Lagoon H, Level 2

Informatics in Pharmacy Practice Experiences

Networking Session Hosted by the Section of Pharmacy Informatics and Technology’s Advisory Group on Pharmacy Informatics Education
Facilitator: Joe Lassiter, MS, PharmD, BCPS, CPHIMS, Director of Experiential Education, Pacific University School of Pharmacy, Hillsboro, OR

Discussion Topics:
- Early exposure to informatics in introductory Pharmacy Practice Experiences (IPPE)
- Informatics and clinical decision support training during Advanced Pharmacy Practice Experiences (APPE)
- Assessment of informatics competencies for entry level pharmacist practice
SUNDAY, DECEMBER 2

12:30pm – 5:00pm  Mandalay Bay L, Level 2

The ASHP Federal Forum

Viva Federal Pharmacy: The Future is Now
Program Chair: Mike Heath, RPh, MBA

Please note: The full program description can be found online, on the Mobile Midyear App, and at the meeting in Midyear News & Views.

The Federal Sector has always held a strong leadership position in its innovative approaches to change and now is the time to accelerate those innovations and leadership. Advancements in technology, changes in legislation, patient demands for accountability and access, and increasing recognition that healthcare is a team sport have created unprecedented demands and opportunities for the pharmacy profession. This program will focus on strategies being utilized throughout the federal sector to transform practices and align our rapidly changing world with the practice vision of the future.

Welcome Event

Activity #204-000-12-328-L04P/204-000-12-331-L04T
Level of content: General interest
1.5 contact hours/knowledge-based

Moderator: Justin Lusk, PharmD, Captain, U.S. Air Force

Keynote: Carey Lohrenz

Federal Pharmacy Vision: Report to the U.S. Surgeon General

Activity #204-000-12-328-L04P/204-000-12-331-L04T
Level of content: General interest
0.75 contact hours/knowledge-based

Opportunities for Federal Pharmacy to Lead the Charge

Activity #204-000-12-331-L04P/204-000-12-331-L04T
Level of content: General interest
1.5 contact hours/knowledge-based

Key Challenges: Re-Engineering Initiatives and Innovations

Presenters: COL John Spain, PharmD, BCPS, US Army; Lynn Sanders, PharmD, Department of Veterans Affairs Strategies to Transform the Pharmacy Practice Model

Presenters: Julie Groppi, PharmD, CED, Department of Veterans Affairs; Anthony Morreale, PharmD, MBA, BCPS, Department of Veterans Affairs

9:00am – 11:00am  Mandalay Bay B, Level 2

Professional and Academic Publishing: Putting your Ideas into Practice 2012

Activity #204-000-12-216-L04P/204-000-12-216-L04T
Level of content: General interest
2.0 contact hours/knowledge-based

Program Chair/Moderator: Jack Bruggeman, MBA

Learning Objectives:

◆ Describe how to create an effective publishing proposal.
◆ Explain how to evaluate a practice improvement idea for publishing potential.
◆ Be able to list five keys to turning your idea into a published product.

The Characteristics of a Good Idea, Jack Bruggeman, MBA

Start with a Good Proposal, Robin Coleman

Writing and Editing: Pitfalls and Pearls, Ruth Bloom

Managing the Author-Editor Team: Perspectives on the Process, Joshua Caballero, PharmD

Being an Effective Author in the Marketplace, Mary Lynn McPherson, PharmD, BCPS, FASHP

Evaluating Five Ideas, Jack Bruggeman, MBA

1:30pm – 3:00pm  Mandalay Bay D, Level 2

Making Students Indispensable: Involving Students in Patient Care Roles

Planned in cooperation with the ASHP Section of Pharmacy Practice Managers

Activity #204-000-12-243-L04P
Level of content: General interest
1.5 contact hours/application-based

Program Chair/Moderator: John S. Clark, PharmD, MS, FASHP

Learning Objectives:

◆ Describe services implemented in health systems that have a focus on direct patient care that are provided by students.
◆ Recommend a service that can be provided to patients by students.

Introduction/Introductory Pharmacy Practice Experience, Paul C. Walker, PharmD, FASHP

Transitions of Care: Working With Students, Meghan Davlin Swarthout, PharmD, MBA

Making Students Indispensable Example and Think/Pair/Share, Diane B. Ginsburg, MS, RPh, FASHP

Please note: All educational sessions listed here are available for CE credit unless otherwise noted. Presenter affiliations and disclosures are located in the Presenter Index on page 116.

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

Sessions marked with this icon relate to ambulatory care.
More Creative Techniques to Engage Your Audience in Active Learning

ACTIVITY #204-000-12-326-L04P/204-000-12-326-L04T
LEVEL OF CONTENT: GENERAL INTEREST
2.0 CONTACT HOURS/APPLICATION-BASED

Presenter: Jennifer D. Goldman-Levine, PharmD, CDE
Facilitators: David Schnee, PharmD; Dhiren K. Patel, PharmD, CDE, BD-ADM; Johannah Heaphy, PharmD; Ricky Thumar, PharmD

Learning Objectives:
- Identify small and large audience challenges and opportunities to engage and improve participant outcomes.
- Describe creative techniques to capture attention, enhance participation, and foster learning.
- Apply at least two techniques to transform content laden, lecture-based programs into participant-centered, active experiences.
- Describe techniques that could be used in multiple situations such as the classroom, medical rounds, P&T committee meetings or any other seminar or teaching situation.

MONDAY, DECEMBER 3

7:30am – 9:00am Mandalay Bay D, Level 2
340B Program Update: Transitioning from Access to Integrity

ACTIVITY #204-000-12-315-L04P/204-000-12-315-L04T
LEVEL OF CONTENT: GENERAL INTEREST
1.5 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Christopher A. Hatwig, MS, RPh, FASHP

Learning Objectives:
- Describe the roles, priorities, and current activities of HRSA’s Office of Pharmacy Affairs and its contractors in supporting new integrity initiatives.
- Discuss HRSA’s, pharmaceutical manufacturers’, and entity’s perspectives on 340B integrity and the audit process.
- Describe leading practices used by a recently-audited 340B compliant program.

OPA Update, Krista M. Pedley, PharmD, MS
Get Prepared: Audit Readiness for 340B Pharmacies, Michelle Herzog; Jason Atlas, RPh, MBA; Marcus Farstein, RPh, MBA
Apexus Update and Wrap Up, Christopher A. Hatwig, MS, RPh, FASHP

11:15am – 12:45pm Banyan C, Level 3
ACPE Update 2012

Presenters: Robert S. Beardsley, RPh, PhD; Michael J. Rouse, BPharm (Hons.), MPS; Peter H. Vlasses, PharmD, DSc (Hon.), BCPS, FCCP

Please Note: CE is not offered with this session
ACPE Board and Staff will provide an update regarding the professional degree program and continuing pharmacy education accreditation matters and will address your questions. Specific topics for discussion include: findings from ACPE Invitational Conference, CPE monitor, international initiatives, and inter-professional education.

1:30pm – 3:00pm Banyan C, Level 3
The Art of Precepting: It’s Not as Easy as it Looks

Planned in cooperation with the American Association of Colleges of Pharmacy

ACTIVITY #204-000-12-283-L04P
LEVEL OF CONTENT: GENERAL INTEREST
1.0 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Leigh Ann Ross, PharmD, FCCP, FASHP

Presenter: Craig D. Cox, PharmD, BCPS

Learning Objectives:
- Describe effective teaching strategies to engage students on pharmacy practice experiences.
- Describe innovative ways to provide orientation and feedback to students during their pharmacy practice experiences.
- Identify practical solutions to theoretical student-teacher issues through challenging case scenarios.

Please Note: 1:30pm - 2:00pm is an American Association of Colleges of Pharmacy (AACP) business meeting. Continuing Education Credit is only offered from 2:00pm -3:00pm

2:00pm – 3:00pm South Seas H, Level 3
Process Improvement Essentials for Pharmacy Technicians

ACTIVITY #204-000-12-330-L04T
LEVEL OF CONTENT: GENERAL INTEREST
1.0 CONTACT HOURS/KNOWLEDGE-BASED

Presenter: Richard C. Ponder, Jr., MBA, CMRP

Learning Objectives:
- Describe process improvement methods (such as LEAN) and techniques.
- Discuss applications to pharmacy practice; including improving operational efficiencies and cost containment.

2:00pm – 3:30pm South Seas D, Level 3
The Emily Jerry Story: Lessons Learned from a Fatal Medication Error

ACTIVITY #204-000-12-214-L05P/204-000-12-214-L05T
LEVEL OF CONTENT: GENERAL INTEREST
1.5 CONTACT HOURS/KNOWLEDGE-BASED

Moderator: Douglas J. Scheckelhoff, MS

Learning Objectives:
- Describe how poorly designed medication systems can contribute to serious, even fatal, errors.
- Distinguish ways institutions can respond to errors and how it influences patients, caregivers, future error reporting, and system improvements.
- Define just culture and the influence that culture can have on improving the safety of patient care.

The Emily Jerry Story, Christopher S. Jerry
The Events of February 26, 2006, Eric J. Cropp, BS Pharm
Lessons Learned: Analysis of Contributing Factors and Response to Errors, Michael R. Cohen, RPh, MS, ScD (hon)
education CE sessions

2:00pm – 3:30pm Breakers C, Level 2

- Pain, Sedation, and Delirium in the ICU: Cutting-Edge Updates
  Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists
  ACTIVITY #204-000-12-229-L01P
  LEVEL OF CONTENT: ADVANCED
  1.5 CONTACT HOURS/APPLICATION-BASED
  Program Chair/Moderator: Kevin Anger, PharmD, BCPS
  Learning Objectives:
  - Evaluate recent literature on the management of pain, sedation, and delirium in the ICU.
  - Discuss key concepts in the selection of sedatives, analgesics, and anti-psychotic agents in critically ill patients.
  - Describe key pharmacotherapy concepts and barriers to optimizing pain, sedation, and delirium pharmacotherapy in critically ill patients.
  Management of Pain in the ICU, Gilles L. Fraser, PharmD, FCCM
  Management of Sedation in the ICU, Joseph F. Dasta, MSc
  Management of Delirium in the ICU, John W. Devlin, PharmD

2:00pm – 3:30pm Mandalay Bay L, Level 2

- Domo Arigato, Mr. Roboto: Advancing Technician Roles Through IV Room Technology & Quality Assurance
  Planned in cooperation with the ASHP Section of Pharmacy Informatics and Technology
  ACTIVITY #204-000-12-236-L04P/#204-000-12-236-L04T
  LEVEL OF CONTENT: INTERMEDIATE
  1.5 CONTACT HOURS/APPLICATION-BASED
  Program Chair/Moderator: Chad S. Stashek, PharmD, MS
  Learning Objectives:
  - Identify how the ASHP Pharmacy Practice Module Initiative (PPMI) promotes pharmacy technician career advancement through increased involvement with technology.
  - Describe how an institution has improved resource allocation by shifting responsibilities to pharmacy technicians that have traditionally been the responsibilities of pharmacists and pharmacy managers.
  - Develop a departmental action plan for technician-driven, quality assurance testing of compounded sterile products (CSPs).
  - Evaluate ways to advance pharmacy technician roles through the use of IV room technologies, quality assurance testing, and reporting responsibilities.
  PPMI: Technicians, Technology, and Quality Assurance, Chad S. Stashek, PharmD, MS
  Case Studies: IV Room Technologies and Quality Assurance, Chad S. Stashek, PharmD, MS; Caryn Domenici-Belisle, RPh

2:00pm – 3:30pm Reef D, Level 2

- What is the Pharmacy Enterprise? A Framework for Success and for the Future of the Profession
  Planned in cooperation with the ASHP Section of Pharmacy Practice Managers
  ACTIVITY #204-000-12-259-L04P
  LEVEL OF CONTENT: INTERMEDIATE
  1.5 CONTACT HOURS/KNOWLEDGE-BASED
  Program Chair: Rick Coulardy, MS, RPh, FASHP
  Moderator: Michael F. Powell, BS Pharm, MS Pharm, FASHP
  Learning Objectives:
  - Describe the significance of the Pharmacy Enterprise.
  - Define key aspects of the Pharmacy Enterprise.
  - Relate the importance of defining the pharmacy enterprise to current dynamics in healthcare and future success of pharmacy.
  Introducing the Concept of the Pharmacy Enterprise, Michael F. Powell, BS Pharm, MS Pharm, FASHP
  Key Aspects of the Pharmacy Enterprise, Scott Knoer, MS, PharmD, FASHP
  Pharmacy Enterprise Concept and Future Success, Rick Coulardy, MS, RPh, FASHP

2:00pm – 3:30pm South Seas J, Level 3

- Expecting the Unexpected: Treatment of Opiate Dependence in Pregnancy
  Planned in cooperation with the College of Psychiatric and Neurologic Pharmacists
  ACTIVITY #204-000-12-285-L01P
  LEVEL OF CONTENT: ADVANCED
  1.5 CONTACT HOURS/KNOWLEDGE-BASED
  Program Chair/Moderator: Sarah T. Melton, PharmD, BCPP
  Presenter: Susan C. Sonne, PharmD, BCPP
  Learning Objectives:
  - Evaluate evidence-based literature regarding treatment of opioid dependency during pregnancy with buprenorphine or methadone.
  - Contrast the benefits and disadvantages associated with use of buprenorphine or methadone in pregnant women.
  - Discuss the management of intrapartum and postpartum pain in opioid dependent patients.
  - Examine the incidence and treatment of neonatal abstinence syndrome associated with buprenorphine and methadone use in pregnancy.

2:00pm – 4:00pm Mandalay Bay F, Level 2

- Are You Prepared? Excelling in Joint Commission Surveys
  ACTIVITY #204-000-12-218-L03P/#204-000-12-218-L03T
  LEVEL OF CONTENT: GENERAL INTEREST
  2.0 CONTACT HOURS/KNOWLEDGE-BASED
  Program Chair/Moderator: John P. Uselton, RPh, BS
  Learning Objectives:
  - Develop strategies on how to prepare for tracers and other surveyor activities during an accreditation survey.

For presenter affiliations see Presenter Index
◆ Work with nursing to successfully prepare a strategy for Medicare’s new interpretation of their 30-minute rule for drug administration.
◆ Describe how to comply with hospital-wide standards that affect all departments including pharmacy.
◆ Identify potential problematic areas prior to surveys and develop an action plan for success.

**Overview of What’s New, John P. Uselton, RPh, BS**

**Making Sense Of Pharmacy-Related Issues, Robert Jordin, RPh**

**Working With Nursing to Solve Medication Management Issues, Patricia C. Kienle, BSc Pharm, MPA**

**Meeting Requirements for Hospital-Wide Standards, Lee B. Murdaugh, BS Pharm, PhD**

**Putting It All Together, John P. Uselton, RPh, BS**

2:00pm – 4:00pm  South Seas E, Level 3

**Safety & Quality Pearls 2012**

Planned in cooperation with the ASHP Section of Inpatient Care Practitioners

ACTIVITY #204-000-12-231-L05P/204-000-12-231-L05T

LEVEL OF CONTENT: GENERAL INTEREST

2.0 CONTACT HOURS/KNOWLEDGE-BASED

**Program Chair/Moderator:** Jorge D. Carrillo, PharmD, MS, BCPS

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.

**Development of an Assessment Tool for Evaluation of Medication Safety Risks and Opportunities for Improvement in a Ten-Hospital Health System, Joseph Hooley, BS**

**Using Near Miss Tracking to Promote Medication Safety, Jules M. Trahan, PharmD, RPh**

**Use of Data from Failure Mode Effects Analysis (FMEA) and Medication Error Reporting Systems to Drive Redesign of Medication Management Systems, Donald McKaig, RPh, CDOE**

**Seeing Double: Avoiding Therapeutic Duplication Errors, Deborah R. Saine, MS, RPh, FASHP**

**Development and Evaluation of Safety Interventions to Reduce Distractions During Medication Administration Process, Alina D. Bulgar, PharmD, PhD**

**Improving Your Odds - How to Safely Manage Patients with Pulmonary Hypertension, Molly Leber, PharmD, BCPS**

**Team building with TeamSTEPPS, Julia F. Gannon, BS Pharm**

**Does Your Game Plan Include a Safety Huddle? Perry Allen, PharmD**

**Standard vs Dilute - The End of an Error, Jennifer Sterner-Allison, PharmD**

**Applying Smart Pump Data to Improve Safety at the Bedside, Marie Link, PharmD, RPh**

**A ‘Bloody’ Debate - Which Agent is Best to Prevent Stroke in a Treatment Naive Atrial Fibrillation Patient?**

**Program Chair/Moderator:** Michael P. Gulseth, PharmD, BCPS, FASHP

Learning Objectives:
◆ Evaluate and pick an appropriate therapy for a patient who has new atrial fibrillation and needs a medication for stroke prophylaxis.
◆ Recommend what agent may be preferred in special patient populations (examples: renal dysfunction, interacting medications, etc.) for stroke prophylaxis in atrial fibrillation.
◆ Interpret the scientific literature supporting the approval of the agents used to prevent stroke in atrial fibrillation by identifying the strengths and weaknesses of each study.

**Debate #1: Dabigatran Etexilate is the Preferred Agent to Prevent Stroke Due to Atrial Fibrillation in a Treatment Naive Patient, Michael P. Gulseth, PharmD, BCPS, FASHP**

**Debate #2: Rivaroxaban is the Preferred Agent to Prevent Stroke Due to Atrial Fibrillation in a Treatment Naive Patient, Nathan Clark, PharmD, BCPS**

**Debate #3: Apixaban is the Preferred Agent to Prevent Stroke Due to Atrial Fibrillation in a Treatment Naive Patient, Edith A. Nutescu, PharmD, FCCP**

**Debate #4: Warfarin is the Preferred Agent to Prevent Stroke Due to Atrial Fibrillation in a Treatment Naive Patient, William E. Dager, PharmD, BCPS, FASHP**

**Debate Rebuttals, Michael P. Gulseth, PharmD, BCPS, FASHP; Nathan Clark, PharmD, BCPS; Edith A. Nutescu, PharmD, FCCP; William E. Dager, PharmD, BCPS, FASHP**

**Case Discussions (Focus on Special Patient Populations), William E. Dager, PharmD, BCPS, FASHP; Michael P. Gulseth, PharmD, BCPS, FASHP; Edith A. Nutescu, PharmD, FCCP; Nathan Clark, PharmD, BCPS**

2:00pm – 4:00pm  Mandalay Bay H, Level 2

**An LTG of Med Safety, Mary Rebo, PharmD**

**Your Data is Your Best Friend, Aki Singam, PharmD**

**Pop that Amp! Introduction to Medication Safety for Clinical Anesthesia First-Year Residents, Peggy Bickham, BS Pharmacy, PharmD**

**Minding Your Q’s and R’s - Controlled Substance Monitoring, Timothy Ekola, PharmD**

**Yes We (N)aran: Pharmacy-Led Multidisciplinary Team to Address Naloxone Usage, Nicole J. Clark, PharmD, BCPS**

**Assuring Safe Substitutions During Drug Shortages, Brenda A. Egan, PharmD, BCPS**

**Are You Feeling Like Henny Penny? See How These HENs Can Help! Lynn Eschenbacher, PharmD, MBA**
education CE sessions

2:00pm – 4:00pm  Mandalay Bay D, Level 2

- **Update in Emergency Department Practice: Service Optimization & Collaborative Practice**
  
  ACTIVITY #204-000-12-258-L04P  
  LEVEL OF CONTENT: INTERMEDIATE  
  2.0 CONTACT HOURS/APPLICATION-BASED  
  
  **Program Chair/Moderator:** Heather Draper Eppert, PharmD, BCPS  
  
  **Learning Objectives:**  
  - Based on identified barriers and challenges, develop strategies for integration of the pharmacist into the interdisciplinary ED team.  
  - Based on the unique characteristics associated with patient care in the ED, develop a triage system for pharmacy services in the ED.  
  - Given limited time and resources, develop a strategy to optimize the type and level of pharmacy services provided in the ED.  
  - Develop innovative collaborative practice agreements to be implemented in the ED.  
  
  **Integrating into the ED Team,** Alison M. Jennett Reznek, PharmD, BCPS  
  **Developing a Triage System,** Renee Petzel Gimbar, PharmD  
  **Optimizing Pharmacy Services,** Heather Draper Eppert, PharmD, BCPS  
  **Collaborative Practice Agreements,** Heather Draper Eppert, PharmD, BCPS

2:00pm – 4:00pm  Mandalay Bay J, Level 2

- **Emerging Strategies for Neonatal Infections**
  
  Planned in cooperation with the Pediatric Pharmacy Advocacy Group  
  Activity #204-000-12-295-L01P  
  LEVEL OF CONTENT: ADVANCED  
  2.0 CONTACT HOURS/APPLICATION-BASED  
  
  **Program Chair/Moderator:** Sherry A. Luedtke, PharmD  
  
  **Learning Objectives:**  
  - Optimize the antibiotic regimen for a premature infant diagnosed with sepsis.  
  - Describe how to utilize biological markers to identify neonates with sepsis.  
  - Recommend the appropriate use of granulocyte colony-stimulating factor and intravenous immune globulin in the management of neonatal infections.  
  - Identify a neonate with disseminated intravascular coagulation and evaluate the role of antithrombin III.  
  - Define hypotension in the preterm infant and recommend management.  
  
  **Neonatal Sepsis – Optimization of Antimicrobial Therapy/Trends in Diagnosis and Management,** Peter Gal, PharmD, BCPS, FASHP  
  **Management of Progressing Neonatal Sepsis,** Christopher McPherson, PharmD

2:00pm – 5:00pm  South Seas B, Level 3

- **Perspectives on International Collaboration in Pharmacy Education**
  
  ACTIVITY #204-000-12-217-L04P  
  LEVEL OF CONTENT: GENERAL INTEREST  
  2.5 CONTACT HOURS/KNOWLEDGE-BASED  
  
  **Program Chair/Moderator:** William Zellmer, BS (Pharmacy), MPH  
  
  **Learning Objectives:**  
  - Identify the major factors that cause variability in the nature of pharmacy education around the world.  
  - List the main reason that colleges of pharmacy are interested in international collaborations.  
  - Summarize the most important success factors in establishing successful cross-border collaborations in pharmacy education, including experiential education and residency training.  
  - Describe worldwide efforts to foster quality improvement in pharmacy education.  
  
  **Challenges and Opportunities in Pharmacy Education Around the World,** Claire Anderson, PhD  
  **U.S. Perspectives on International Collaborations in Pharmacy Education,** Rosalie Sagraves, PharmD  
  **Case Study in Collaboration: The U.S. - Thai Consortium in Pharmacy Education,** Bernard Sorofman, RPh, PhD  
  **Global Perspectives on Quality Assurance in Pharmacy Education,** Michael Rouse, BPharm (Hons), MPS  
  
  This session will conclude with the Donald E. Francke Medal Lecture.

Donald E. Francke Medalist, Henri R. Manasse, Jr., PhD, ScD, FFIP, Retired ASHP Chief Executive Officer/Executive Vice President and current Professional Secretary of the International Pharmaceutical Federation (FIP), will present a lecture titled, “Perspectives on the Global Evolution and Development of Pharmacy.” The Donald E. Francke Medal was established to honor individuals who have made significant international contributions to hospital pharmacy.

All attendees of this session are invited to join Dr. Manasse after his lecture 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.

For more information on the Francke Medalist and the International Registrants Gathering and Reception, see pages 27-28.

3:00pm – 4:00pm  South Seas H, Level 3

- **Optimizing Medication Safety: The Role of Pharmacy Technicians**
  
  ACTIVITY #204-000-12-329-L04T  
  LEVEL OF CONTENT: GENERAL INTEREST  
  1.0 CONTACT HOURS/KNOWLEDGE-BASED  
  
  **Presenters:** Mark Brunton, CPhT; Nick Barkley, CPhT  
  
  **Learning Objectives:**  
  - Identify at least two opportunities to prevent adverse medication events in your health-system.  
  - Discuss strategies to enhance medication safety during and after implementation of information technology and automation.
3:00pm – 5:00pm  Mandalay Bay B, Level 2

**How to Establish Specialty Pharmacy Services in Your Health System: Experience from the Field**

Activity #204-000-12-202-L04P  
Level of Content: Intermediate  
2.0 Contact Hours/Knowledge-based  
Program Chair/Moderator: JoAnn Stubbings, BS Pharm, MHCA

Learning Objectives:
- Develop a strategic plan for specialty pharmacy in a health system, including retail, specialty, home infusion, medication therapy management (MTM), and pharmacy benefit management (PBM) services.
- Identify the opportunities for specialty pharmacy at an institution, including how to analyze prescription data, and develop projections and a business plan.
- Design the clinical and operation elements of a specialty pharmacy practice model.
- Identify barriers to access for specialty medication and how to overcome them, including limited distribution medications and payer restrictions.
- Describe the role of specialty pharmacy in health system quality indicators.

**Strategic Expansion Opportunities for Health Systems – Where Does Specialty Pharmacy Fit?** Kevin J. Colgan, MA, FASHP

Leveraging Your Own Health Plan to Build a Specialty Pharmacy, Brad Trom, RPh, MBA

Nuts and Bolts of Implementing Specialty Pharmacy Services in a Health System, JoAnn Stubbings, BSPharm, MHCA; Rebekah Hanson, PharmD, BCPS; Nehrin Khamo, PharmD

3:00pm – 5:00pm  Lagoon K, Level 2

**Debates in Therapeutics 2012**

Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists  
ACTIVITY #204-000-12-219-L01P  
LEVEL OF CONTENT: ADVANCED  
2.0 CONTACT HOURS/KNOWLEDGE-BASED  
Program Chair/Moderator: Matthew W. Strum, PharmD, BCACP

Learning Objectives:
- Discuss why therapeutic controversy may occur.  
- Identify four therapeutic areas in which controversy may exist.  
- Compare the pro and con sides of selected therapeutic issues.

Phenytoin Prophylaxis vs Levetiracetam Prophylaxis in Traumatic Brain Injury

Pro Phenytoin Prophylaxis, Chris Wood, PharmD  
Pro Levetiracetam Prophylaxis, Denise Rhoney, PharmD, FCCP  
Rebuttals, Chris Wood, PharmD; Denise Rhoney, PharmD, FCCP  
aPTT vs Anti-Xa Monitoring for Unfractionated Heparin  
Pro aPTT, Andrew Smith, PharmD  
Rebuttals, Andrew Smith, PharmD; James B. Groce, III, PharmD  
Vitamin D Weekly or Daily Weekly?  
Pro - Vitamin D Daily, Daniel M. Riche, PharmD  
Pro - Vitamin D Weekly, Michael Kane, PharmD, FCCP  
Rebuttals, Daniel M. Riche, PharmD, BCPS; Michael Kane, PharmD, FCCP

3:45pm – 5:00pm  South Pacific D, Lower Level, North Convention Center

**Replaced by Technology: Could the EMR Materially Reduce the Role of the Pharmacist?**

Planned in cooperation with the ASHP Section of Pharmacy Informatics and Technology  
ACTIVITY #204-000-12-237-L04P/204-000-12-237-L04T  
LEVEL OF CONTENT: INTERMEDIATE  
1.25 CONTACT HOURS/ACTION-BASED  
Program Chair/Moderator: Kevin Scheckelhoff, BS Pharm, MBA

Learning Objectives:
- Evaluate various scenarios where a strong clinical decision support technology could replace the oversight of a pharmacist.  
- Interpret the impact of technology on staffing in other industries such as manufacturing and retail and how that might apply to pharmacy.  
- Recommend proactive strategies for pharmacists to prevent misuse of EMR technology.

Premise and Discussion/Debate Format, Kevin Scheckelhoff, BS Pharm, MBA  
Academic Perspective, Brent Fox, PharmD, PhD  
Academic Medical Center Perspective, James G. Stevenson, PharmD, FASHP  
Industry Perspective, Dennis Tribble, PharmD, FASHP  
Academic Medical Center Perspective, Robert Weber, PharmD, MS, FASHP

4:00pm – 5:00pm  South Pacific J, Lower Level, North Convention Center

**Management Case Studies A: Parts 1 & 2**

Moderator: Richard L. Edwards, BS, RPh, CPh

Transitioning Patients from Acute Inpatient Care to Health System Based Home Infusion Pharmacy: A Review of Specific Care Integration Strategies  
ACTIVITY #204-000-12-351-L04P  
LEVEL OF CONTENT: GENERAL INTEREST  
0.5 CONTACT HOURS/KNOWLEDGE-BASED  
Presenter: Donald Carroll, RPh, MHA

Learning Objectives:
- Describe methods that can be used to assess the success of a home infusion program.  
- Describe three key strategies that may provide enhanced access to clinical programs and patient care opportunities.  
- Describe important stakeholders in the program development process that enhance the opportunity for success.

continues >
Implementation of Risk Evaluation and Mitigation Strategy Programs in a Health System: From Process Development to Monitoring Compliance

**Program Chair:** Eric M. Tichy, PharmD, BCPS  
**Moderator:** Lonnie Smith, PharmD  
**Learning Objectives:**  
- Describe the CMS requirements for transplant pharmacists in the phases of transplant.  
- List the fundamental and desirable activities of the transplant pharmacist on the multidisciplinary transplant team.  
- Differentiate between methods for billing transplant pharmacy services.  
- List 5 actionable methods for increasing revenue or cost saving strategies that can be used to justify and support transplant pharmacy services.  
**The Transplant Pharmacy Practice Model: A CMS Mandate, Eric M. Tichy, PharmD, BCPS**  
**Billing for services/ Medicare Cost Report: Coverage of Pharmacy Services, Eric M. Tichy, PharmD, BCPS**  
**Transplant Specialty Pharmacy: A Revenue Stream, David J. Taber, PharmD, BCPS**  
**Patient Education: Impact on Length of Stay and Readmission, David J. Taber, PharmD, BCPS**

**4:00pm – 5:00pm**  
South Pacific F, Lower Level, North Convention Center

### Antimicrobial Safety: Spare the Kidneys

**Program Chair/Moderator:** Annie Wong-Beringer, PharmD  
**Learning Objectives:**  
- Identify risk factors that predispose to the development of antibiotic-induced acute kidney injury (AKI).  
- Evaluate a monitoring plan to facilitate early detection of AKI.  
- Develop an alternative treatment plan in the event AKI develops.

**4:00pm – 5:00pm**  
South Seas D, Level 3

### Medical Marijuana: Rational Medicine or Potential Medication Misadventure?

**Program Chair/Moderator:** Laura Borgelt, PharmD  
**Learning Objectives:**  
- Evaluate and discuss clinical studies performed in patients with various conditions to determine the effectiveness of medical marijuana (MMJ).  
- Identify adverse effects, psychiatric implications, and potential drug interactions that may occur with the use of MMJ.  
- Pharmacology and Therapeutic Uses of Medical Marijuana, Laura Borgelt, PharmD  
- Adverse Effects and Drug Interactions for Medical Marijuana, Lawrence Cohen, PharmD, BCPP, FASHP

**4:00pm – 5:00pm**  
Banyan C, Level 3

### Transplant Pharmacy: Paving the Way to a Practice Model of Excellence

**Program Chair:** Molly Billstein Leber, PharmD, BCPS  
**Moderator:** David J. Taber, PharmD, BCPS  
**Learning Objectives:**  
- Summarize key National quality and safety initiatives that pharmacy has the opportunity to impact.  
- Examine innovative strategies to implement into daily practice and within your pharmacy budget.  
- Describe strategies to improve adverse event and near miss reporting.  
- Identify pharmacy responsibilities that could be managed through telepharmacy or remote verification and what regulatory issues must be addressed.  
**Role of Pharmacy in Improving Safety and Quality, Molly Billstein Leber, PharmD, BCPS**  
**Use of Pharmacy Residents and Technicians for Value-Based Purchasing Metrics and Decreasing 30-day Re-Admissions, Maribeth A. Cable, PharmD, BCPS**  
**Implementing Telepharmacy, Mike Brownlee, PharmD, MS**  
**Improving Reporting and Using Data from Medication Errors and Near Misses, Jacob Thompson, PharmD, MS**

**4:00pm – 5:00pm**  
Breakers C, Level 2

### Bring It On! Alternative Opinions on a Controversial Pain Topic

**Program Chair:** Annie Wong-Beringer, PharmD  
**Moderator:** David J. Taber, PharmD, BCPS

For presenter affiliations see Presenter Index
Program Chair/Moderator: Chris M. Herndon, PharmD, BCPS, FASHP

Learning Objectives:
- Following presentation of available evidence, develop a position on the possibility that opioids cause cancer to grow and further metastasize.
- Evaluate the data and develop personal opinions on the reported risk of opioids causing increased morbidity in cancer patients using analgesics.

Opioids Increase Mortality in Cancer, Jennifer Strickland, PharmD

Opioids Do NOT Increase Mortality in Cancer, Mary Lynn McPherson, PharmD, BCPS, FASHP

4:30pm – 5:00pm South Seas J, Level 3

Management Case Studies B

Preparing for Precepting: Establishing a Shared Orientation Plan for Multiple Learners

ACTIVITY #204-000-12-353-L04
LEVEL OF CONTENT: GENERAL INTEREST
0.5 CONTACT HOURS/KNOWLEDGE-BASED

Presenters: Kate Farthing, PharmD, BCPS; Kristine B. Marcus, BSPharm, BCPS

Moderator: Chelsea Sealy, PharmD Candidate

Learning Objectives:
- Describe key agenda topics and products of an initial preceptor meeting to design a shared orientation program.
- Explain the benefits to learners of creating a shared orientation program.
- Explain the benefits to preceptors of creating a shared orientation program.

TUESDAY, DECEMBER 4

8:00am – 9:00am South Seas H, Level 3

Management Case Studies F: Parts 1 & 2

Moderator: Charlene A. Hope, PharmD, BCPS

Implementation of Automated Dispensing Cabinets (ADCs) at a Large Academic Medical Center: A Project Management Approach

ACTIVITY #204-000-12-360-L04/204-000-12-360-L04T
LEVEL OF CONTENT: GENERAL INTEREST
0.5 CONTACT HOURS/KNOWLEDGE-BASED

Presenter: Gajendra A. Gharia, RPh, MPH

Learning Objectives:
- Describe a framework for creating a multi-stakeholder project team with defined roles and responsibilities.
- Illustrate communication strategies employed within and across departments impacted by an HIT project implementation.
- Present mechanisms for project wrap-up and ensuring ongoing maintenance and optimization.

Streamlining the Stat Medication Process through an Observational Study and Utilization of Automated Dispensing Cabinets (ADCs): An Interdisciplinary Quality Improvement Project in an Academic Medical Center

For presenter affiliations see Presenter Index

47th ASHP Midyear Clinical Meeting and Exhibition
PGY1s, PGY2s, and Students, Oh My! Tools for Effective Precepting and Training

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

ACTIVITY #204-000-12-211-L04P
LEVEL OF CONTENT: GENERAL INTEREST
1.5 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: J. Russell May, PharmD, FASHP

Learning Objectives:
- Compare and contrast expected and ideal preceptor characteristics based upon the student survey results.
- Given a patient care scenario, design the preceptor’s approach for a PGY-1 versus a student.
- Given a patient care scenario, design the preceptor’s approach for a PGY-2 versus a PGY-1.

Precepting Pharmacy Students on APPEs: Perfecting the Process, Rony Zeenny, PharmD
Precepting PGY-1 Pharmacy Residents: Above and Beyond APPE Precepting, Michelle W. McCarthy, PharmD, FASHP
Precepting PGY-2 Pharmacy Residents: Above and Beyond PGY-1 Precepting, Brian L. Erstad, PharmD, FASHP

Critical Updates in Pediatrics, Part 1: Guidelines on UTI, Pneumonia, and Cardiovascular Risk

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

ACTIVITY #204-000-12-296-L01P
LEVEL OF CONTENT: ADVANCED
1.5 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Kim W. Benner, PharmD, BCPS, FASHP

Learning Objectives:
- Identify three new guidelines relative to the care of pediatric patients.
- Summarize the new recommendations from these guidelines as related to pediatric pharmacare.
- Recommend pharmacotherapy for provided pediatric patient cases in relation to pneumonia, urinary tract infections and prevention of cardiovascular disease.

New Pediatric Guidelines on Community-Acquired Pneumonia, Kim W. Benner, PharmD, BCPS, FASHP
New Pediatric UTI Guidelines, Lea S. Eiland, PharmD, BCPS, FASHP
New Pediatric CV Risk Reduction Guidelines, Donard Huynh, PharmD, MA

Innovations in Drug Information Practice and Research 2012

ACTIVITY #204-000-12-210-L04P
LEVEL OF CONTENT: INTERMEDIATE
2.0 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Patrick M. Malone, PharmD, FASHP

Learning Objectives:
- List and recommend new services and methods used by drug information specialists and centers.
- Explain how to design a system to incorporate new drug information services at your practice setting.
- Evaluate the importance and relevance of these services and methods in your practice.

Butler University Adverse Drug Reaction Causality Assessment Tool (BADCAT), Amy S. Peak, PharmD
Managing Risk Evaluation and Mitigation Strategies in a Health-System Setting, Katie L. Stabi, PharmD, BCPS
New York State Medicaid Prescriber Education Program and Drug Information Response Center, Drew Lambert, PharmD; Linda Catanzaro, PharmD; Holly V. Coe, PharmD; Irene S. Hong, PharmD, BCPS
Use of Social Media and Perspectives on E-professionalism, Amy Heck Sheehan, PharmD; Genevieve Ness, PharmD
Impact of Allocation Concealment on Study Outcomes in Clinical Trials Evaluating Dietary Supplements, Darren Hein, PharmD
Assessment of Medical Resident Drug Information Skills at an Academic Medical Center, Gregory J. Hughes, PharmD, BCPS; Frithi N. Patel, PharmD, BCPS; Christopher Mason, DO

First Do No Harm: Prevention, Detection & Management of Drug-Induced Diseases

ACTIVITY #204-000-12-222-L01P
LEVEL OF CONTENT: INTERMEDIATE
2.0 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: James Tisdale, PharmD, BCPS

Learning Objectives:
- Improve participants’ clinical skills in detecting and managing drug-induced diseases through interactive case examples and discussion.
- Evaluate evidence that pharmacists can improve patient health care outcomes by preventing and detecting drug-induced diseases.
- Identify major drug classes associated with drug-induced diseases.
- Identify common organ systems affected by drug-induced diseases.

Overview of Drug-Induced Diseases: Epidemiology, Public Health Impact, and Evidence That Pharmacists May Have an Impact on Prevention and Management, James E. Tisdale, PharmD, BCPS
Evaluating Your Patient for Drug-Induced Diseases, Douglas A. Miller, PharmD
Drug-Induced Diseases Interactive Case Discussions, James E. Tisdale, PharmD, BCPS; Douglas A. Miller, PharmD
ONCOLOGY PHARMACY SPECIALTY SESSIONS 2012: Advanced Topics in Practice Part 1
Planned in cooperation with the Hematology/Oncology Pharmacy Association and the American College of Clinical Pharmacy

Program Chair/Moderator: Ryan N. Bookout, Pharm.D., BCPS, BCOP

Please note: If you are attending this program for BCOP recertification, there are different instructions for claiming CE from those attending only for ACPE credit.

ACPE Credit Only: Instructions for claiming CE will be available in the session room. CE will be provided by the Hematology/Oncology Pharmacy Association (HOPA).

BCOP Recertification: These sessions are part of the professional development program for recertification of Board Certified Oncology Pharmacists (BCOPs), approved by the Board of Pharmaceutical Specialties (BPS). Part 2 will be presented on Tuesday, December 4, 2:00pm – 5:00pm BCOPs must attend all six hours of programming to be eligible to complete the Web-based post-test for oncology recertification credit. Partial credit is not available for recertification, but is available for ACPE credit.

In the session room, you must complete a paper registration form and sign in and out in both the morning and afternoon sessions as you enter and exit the session room. Post-test fee is $45. After The Midyear, program participants will receive email instructions to purchase and access the test, as well as claim ACPE credit. The post-test examination must be completed and submitted by December 31, 2012.

8:00am – 11:00am

Therapy of T-Cell and Cutaneous Lymphomas: There’s More than Just B Cells

UAN# 0465-9999-12-017-L01-P
LEVEL OF CONTENT: ADVANCED
1.0 CONTACT HOURS/APPLICATION-BASED

Presenter: Patrick J. Kiel, PharmD, BCPS

Learning Objectives:

- Compare and contrast the outcomes of standard therapy to regimens that incorporate novel agents into treatment of T-cell and cutaneous lymphoma.
- Assess the toxicities associated with the use of novel agents in the treatment of T-cell and cutaneous lymphoma.
- Differentiate between the toxicities associated with the use of novel agents in the treatment of T-cell and cutaneous lymphoma.
- Analyze the role of stem cell transplant in this patient population.

9:00am – 10:00am

Neuroendocrine Cancers: A Focus on Recent Advances in Pharmacotherapy

UAN# 0465-0000-12-012-L04-P
LEVEL OF CONTENT: ADVANCED
1.0 CONTACT HOURS/APPLICATION-BASED

Presenter: Julian H. Slade, PharmD, BCOP

Learning Objectives:

- Differentiate the pathogenesis of neuroendocrine tumors from other abdominal malignancies.
- Develop a treatment algorithm for neuroendocrine tumors incorporating newly approved drugs.
- Assess monitoring parameters and patient-specific factors to determine when a change in treatment is necessary.
- Distinguish between tumor related symptoms and treatment related adverse effects and create a patient specific therapeutic plan of symptom management.

10:00am – 11:00am

Bone Health in the Oncology Population

UAN# 0465-0000-12-019-L01-P
LEVEL OF CONTENT: ADVANCED
1.0 CONTACT HOURS/APPLICATION-BASED

Presenter: Chad M. Barnett, PharmD, BCOP

Learning Objectives:

- Compare and contrast the mechanism of action, efficacy, and toxicity of pharmacological therapies for management of cancer treatment-induced bone loss (CTIBL) and reduction skeletal-related events (SREs) in patients with metastatic cancer to the bone.
- Analyze current data to support anticancer properties related to bone-modifying therapies.
- Discuss novel agents to reduce the incidence of SREs in patients with metastatic cancer to the bone and for the management of CTIBL.

8:15am – 9:15am

Hepatitis C in 2012: The Clinical Pharmacist’s Role in Successful Treatment

ACTIVITY #204-000-12-205-L01
LEVEL OF CONTENT: INTERMEDIATE
1.0 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Linda M. Spooner, PharmD, BCPS

Learning Objectives:

- Evaluate treatment options for managing Hepatitis C Virus (HCV) infection in 2012.
- Identify key considerations in counseling patients with HCV infection, including adverse effect management, adherence concerns, and avoidance of drug interactions.
- Plan how to incorporate HCV management into pharmacy practice.

Overview of Current HCV Management: Administration, Adverse Effects, and Drug Interactions, Linda M. Spooner, PharmD, BCPS

Incorporating HCV Management into Your Pharmacy Practice, Jacqueline L. Olin, PharmD, MS
education CE sessions

8:30am – 9:30am  Mandalay Bay D, Level 2

- Strategies for Reducing Anesthesia Medication Errors

  ACTIVITY #204-000-12-287-L05P/204-000-12-287-L05T
  LEVEL OF CONTENT: INTERMEDIATE
  1.0 CONTINUING HOURS/KNOWLEDGE-BASED

  Program Chair/Moderator: Patricia C. Kienle, RPh, MPA, FASHP
  Presenter: Lebron Cooper, MD

  Learning Objectives:
  - State the incidence of medical errors and the portion of which are drug-related.
  - List the incidence and types of medication errors in anesthesia.
  - Explain the process for reporting medication errors in anesthesia.
  - Describe three priorities to improve medication safety in anesthesia.

9:00am – 11:00am  South Seas E, Level 3

- Management Pearls 2012

  Planned in cooperation with the ASHP Section of Pharmacy Practice Managers

  ACTIVITY #204-000-12-232-L04P
  LEVEL OF CONTENT: GENERAL INTEREST
  2.0 CONTINUING HOURS/KNOWLEDGE-BASED

  Program Chair/Moderator: Thomas E. Kirschling, PharmD, MS

  Learning Objectives:
  - Identify opportunities to improve pharmacy services in various health-system settings.
  - Describe steps for implementation of one pharmacy improvement opportunity.
  - Discuss human resource opportunities that have been successfully implemented.

  Raising the Bar on Accountability: Implementing a Peer Review Process in an Inpatient and Ambulatory Pharmacy Practice Setting, Trish H.J. Hessling, PharmD

  Discharging Patients on the Right Foot: Implementing a Pharmacy Delivery to Bedside Service, Samuel Calabrese, MBA, RPh

  I’m Not Just a Bill: Pharmacy Patient Bill of Rights, Jeff Little, PharmD, MPH

  Texas One Step Protocol, Nancy M. Wyatt, PharmD

  Changing Culture in the ED, Philip W. Rioux, BS Pharm

  Move, Shoot, Communicate: Establishment of a Pharmacy Call Center at a Military Community Hospital, Eric M. Maroyka, PharmD, BCPS

  From Soup to Nuts: Preventing Readmissions through a Comprehensive Transitions of Care Initiative, Katherine Palmer, PharmD

  “I’m So Busy . . . I’m So Bored . . . I’m So Busy” - Taking the Highs and Lows Out of IV Technician Workload, Brian Peters, PharmD, MS

Implementation of an IV Workflow Manager at an Academic Medical Center: What It Taught Us About the Errors We Might Have Been Making, Heather Kokko, PharmD, MBA

Alerting Providers that Need to be Alarmed: Use of a Directed Notification Tool to Communicate Drug Shortages, Berook Addisu, PharmD, BCPS

Closing the Loop: Pharmacist Involvement in Post Discharge Phone Calls, Rebecca A. Taylor, PharmD, MBA

IDS: We Love Logistics, Christopher Lowe, PharmD, BCPS

Pharmacy Safety Committee: A Multidisciplinary Collaboration to Improve Pharmacy Staff Health and Well Being, Mark Sullivan, PharmD, MBA

Concentrating on the Pediatric Perspective, Richard K. Ogden, PharmD

Using Your EHR as Your Pharmacist Intervention Documentation Tool, Lourdes M. Cuellar, MS, FASHP

Easing the Transition to a VA Facility - Description of a Pharmacist Run New Patient Clinic, Susan Joyce, PharmD, BCPS

Tips and Tools on Implementing a Hazardous Pharmaceutical Waste Disposal Program, Elaine R. Mebel, PharmD, MS

So, You Don’t Like the Law? Change It! Scott Knoer, MS, PharmD, FASHP

9:00am – 11:00am  South Seas D, Level 3

- Ambulatory Guideline Roulette: Place Your Bets

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

  ACTIVITY #204-000-12-244-L01P
  LEVEL OF CONTENT: INTERMEDIATE
  2.0 CONTINUING HOURS/A PPLICATION-BASED

  Program Chair/Moderator: Joel C. Marrs, PharmD, BCPS

  Learning Objectives:
  - Review changes to the national guidelines on hypertension, dyslipidemia, and chronic obstructive pulmonary disease.
  - Interpret and apply the new guidelines to the management of patients with hypertension, dyslipidemia, and chronic obstructive pulmonary disease in specific patient populations.
  - Identify clinical controversies regarding the benefits of treating hypertension, dyslipidemia, and chronic obstructive pulmonary disease.
  - Evaluate challenges with the application of the updated guidelines when treating hypertension, dyslipidemia, and chronic obstructive pulmonary disease.

  Hypertension Guideline Update (JNC-8), Joseph J. Saseen, PharmD, BCPS, FASHP

  Chronic Obstructive Pulmonary Disease Guideline Update (ACP/ACCP/ATS/ERS), Joseph Vande Griend, PharmD

  Dyslipidemia Guideline Update (NCEP ATP IV), Joel C. Marrs, PharmD, BCPS
9:15am – 11:00am  Mandalay Bay L, Level 2

**Success Strategies for Implementing an Electronic Health Record**

Planned in cooperation with the ASHP Section of Pharmacy Informatics and Technology

**Activity #204-000-12-238-L04P/204-000-12-238-L04T**

**Level of Content:** Intermediate

1.75 Contact Hours/Knowledge-Based

**Program Chair/Moderator:** Wayne Bohenek, PharmD, MS, FASHP

**Learning Objectives:**
- Describe key strategies for a successful implementation of an EHR in a multi-hospital system and an academic medical center.
- Discuss common pitfalls of EHR implementation.
- Describe key strategies for shared ownership with other healthcare providers necessary for a successful EHR implementation.
- Discuss common pitfalls of EHR implementation.

**Introduction and Overview,** Wayne Bohenek, PharmD, MS

**Pre Go-Live: Lessons Learned from the Battlefield,** Susan Mashni, PharmD, BS

**The Go-Live: How to Get an A,** Kelly Turner, PharmD

**Post Go-Live: The Work and Fun Starts Now,** Jack Temple, PharmD

**Comments and Strategies from a Consultants Perspective,** Kevin Marvin, MS, FHIMSS, FASHP

9:30am – 10:30am  South Seas H, Level 3

**Management Case Studies G: Parts 1 & 2**

**Moderator:** Julie Dagam, PharmD, BCPS

**Centralized to Decentralized: The Centralization of Order Processing Across a Health System to Support the PPMI**

**Activity #204-000-12-362-L04P**

**Level of Content:** General Interest

0.5 Contact Hours/Knowledge-Based

**Presenters:** Allan Loeb, MS, RPh; Brian Olender, PharmD

**Learning Objectives:**
- Describe the challenges to centralizing order processing across multiple hospitals.
- Develop a plan for bleeding cessation due to traumatic hemorrhage and in the perioperative setting.
- Evaluate dosing considerations for factor products such as prothrombin complex concentrate and factor VIIa.
- Differentiate between ghostwriting and professional medical writing.
- List resources for current and aspiring medical writers.
- Describe the steps to include in implementation of a clinical pharmacy practice model initiative.
- Differentiate between ghostwriting and professional medical writing.

**Implementation of a Clinical Pharmacy Practice Model Initiative through Alignment of Clinical Metrics and Executive Incentives**

**Activity #204-000-12-363-L04P**

**Level of Content:** General Interest

0.5 Contact Hours/Knowledge-Based

**Presenters:** Steven G. Pickette, PharmD, BCPS; Stephen E. Stoner, PharmD, BCPS

**Learning Objectives:**
- Identify appropriate outcome measures to assess the effectiveness of a clinical pharmacy practice model initiative.
- Differentiate between ghostwriting and professional medical writing.
- List resources for current and aspiring medical writers.
- Describe the steps to include in implementation of a clinical pharmacy practice model initiative.
- Differentiate between ghostwriting and professional medical writing.

9:30am – 11:00am  Mandalay Bay H, Level 2

**Bet on Red: New Challenges and Therapies for Bleeding**

**Activity #204-000-12-251-L01P**

**Level of Content:** Advanced

1.5 Contact Hours/Application-Based

**Program Chair/Moderator:** Asad E. Patanwala, PharmD, BCPS

**Learning Objectives:**
- Recommend strategies for the reversal of oral anticoagulants such as direct thrombin inhibitors and factor Xa inhibitors.
- Develop a plan for bleeding cessation due to traumatic hemorrhage and in the perioperative setting.
- Evaluate dosing considerations for factor products such as prothrombin complex concentrate and factor VIIa.
- Differentiate between ghostwriting and professional medical writing.
- List resources for current and aspiring medical writers.
- Describe the steps to include in implementation of a clinical pharmacy practice model initiative.
- Differentiate between ghostwriting and professional medical writing.

**Reversal of New Oral Anticoagulants,** William E. Dager, PharmD, BCPS, FASHP

**New Therapies for Traumatic and Surgical Bleeding,** Robert MacLaren, PharmD, FCCM

**Optimizing the Use of Factor Products,** Asad E. Patanwala, PharmD, BCPS

9:30am – 11:00am  Reef D, Level 2

**What You Need to Know to Get Started: Opportunities in Medical Writing**

**Activity #204-000-12-286-L04P/204-000-12-286-L04**

**Level of Content:** General Interest

1.5 Contact Hours/Knowledge-Based

**Program Chair/Moderator:** Gayle Nicholas Scott, PharmD, BCPS

**Learning Objectives:**
- Describe regulations and guidelines governing medical publications.
- Differentiate between ghostwriting and professional medical writing.
- List resources for current and aspiring medical writers.
- Differentiate between ghostwriting and professional medical writing.
- List resources for current and aspiring medical writers.

**Ethical Publication Practices,** Aruna Seth, PhD, CMPP

**Working with Medical Writers,** Charles (Kurt) Mahan, PharmD, PhC

**Education, Organizations, Certifications in Medical Communications,** Gayle Nicholas Scott, PharmD, BCPS

For presenter affiliations see Presenter Index

47th ASHP Midyear Clinical Meeting and Exhibition
education CE sessions

9:45am – 11:00am South Seas J, Level 3

Immunizing Inpatients: Evidence Plus Effort Equals Optimization
Planned in cooperation with the ASHP Section of Inpatient Care Practitioners

ACTIVITY #204-000-12-221-L01P
LEVEL OF CONTENT: INTERMEDIATE
1.25 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Jacqueline Olin, PharmD, MS

Learning Objectives:
- Describe recent changes to adult vaccine recommendations.
- Recommend appropriate vaccines for an adult patient at your institution.
- Develop an action plan for improving vaccination rates at your institution.

To Vax or Not to Vax: Adult Immunization Update, Jacqueline Olin, PharmD, MS

Vaccinating Inpatients: Challenges and Opportunities, Lori Dupree, PharmD, BCPS

10:00am – 11:00am Mandalay Bay D, Level 2

Management Case Studies C: Parts 1 & 2
Moderator: Susan M. Flaker, PharmD

Raising the Bar on Accountability: Implementing a Peer Review Process in an Inpatient and Ambulatory Pharmacy Practice Setting

ACTIVITY #204-000-12-354-L04P
LEVEL OF CONTENT: GENERAL INTEREST
0.5 CONTACT HOURS/KNOWLEDGE-BASED

Presenters: Trish H.J. Hessling, PharmD; Andrew Kaplan, PharmD; Andrew Wilcox, PharmD

Learning Objectives:
- Explain why the peer review process is important.
- Describe the peer review process and how this can be applied across many pharmacy practices.
- Identify who should participate in a peer review process.

Yes Virginia, You Can Have Staff Neutral Inpatient Practice Model Change

ACTIVITY #204-000-12-355-L04P
LEVEL OF CONTENT: GENERAL INTEREST
0.5 CONTACT HOURS/KNOWLEDGE-BASED

Presenters: Berook Addisu, PharmD, BCPS; Diane M. Johnson, PharmD, BCPS; Lynnae M. Mahaney, RPh, MBA, FASHP

Learning Objectives:
- Describe the core values of the pharmacy practice model initiative.
- Describe the opportunities that are available for clinical inpatient pharmacists.
- Describe challenges that pharmacy must overcome to provide clinical services.

10:00am – 11:00am Mandalay Bay J, Level 2

Incorporating REMS into Your Daily Clinical Practice
Planned in cooperation with the ASHP Section of Inpatient Care Practitioners and the ASHP Section of Ambulatory Care Practitioners

ACTIVITY #204-000-12-208-L05P/204-000-12-208-L0ST
LEVEL OF CONTENT: GENERAL INTEREST
1.0 CONTACT HOURS/KNOWLEDGE-BASED

Presenter: Marie Link, RPh, PharmD

Learning Objectives:
- Describe REMS Components and Elements to Assure Safe Use (ETSAU).
- Explain how to meet compliance with REMS requirements in daily clinical practice.
- Propose practical methods for integration into various Computerized Provider Order Entry(CPOE) systems.

10:00am – 11:00am Lagoon K, Level 2

Gram-Negative Infections and the Emergence of Resistance: Is One Drug Enough?

ACTIVITY #204-000-12-252-L01P
LEVEL OF CONTENT: ADVANCED
1.0 CONTACT HOURS/KNOWLEDGE-BASED

Presenter: Elizabeth B. Hirsch, PharmD, BCPS

Learning Objectives:
- Examine the current state of resistance in Gram-negative pathogens.
- Summarize the relevant literature on effective combinations for drug-resistant bacteria.
- Discuss key concepts and recent literature on new agents in development for Gram-negative infections.

11:30am – 1:00pm Banyan C, Level 3

Pharmacy Forecast 2013-2017: Strategic Planning Advice for Pharmacy Departments in Hospitals and Health Systems

Presenters: Jannet M. Carmichael, PharmD, BCPS; Richard F. de Leon, PharmD; Joyce Tipton, BS Pharmacy, MBA, FASHP; Dennis Tribble, PharmD, FASHP; Richard Walling, BS Pharmacy, MHA; William Zeilmer, BS Pharmacy, MPH; David Zilz, MS, FASHP

Please Note: CE is not offered with this activity.
This session will present key findings and recommendations from a new trends report from the Center for Health-System Pharmacy Leadership. Led by David A. Zilz, a leading pharmacy futurist, a panel of trend-watchers will offer an assessment of health-system pharmacy’s external environment and comment on strategies that pharmacy departments should consider to improve their effectiveness.

For presenter affiliations see Presenter Index
2:00pm – 3:15pm  Mandalay Bay D, Level 2

Are You Ready? Preparing and Responding to Codes
Planned in cooperation with the ASHP Section of Inpatient Care Practitioners

ACTIVITY #204-000-12-254-L01P
LEVEL OF CONTENT: INTERMEDIATE
1.25 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Wes Pitts, PharmD, BCPS

Learning Objectives:
- Summarize recent updates to ACLS and PALS guidelines.
- Explain practical tips that can be applied to be a more effective member of the resuscitation team.
- Define simulation training and review its components with emphasis on the role of the pharmacist.
- Explain how to advocate for pharmacist involvement in simulation based training and education.

ACLS and PALS Update with Practical Tips for Code Response, Asad E. Patanwala, PharmD, BCPS
Use of Simulation in Advanced Cardiopulmonary Life Support, Michael J. Cawley, PharmD, RRT

2:00pm – 3:30pm  South Seas J, Level 3

Critical Roles for Certified Pharmacy Technicians in Practice Model Change
Planned in cooperation with the Pharmacy Technician Certification Board

ACTIVITY #204-000-12-225-L04P/204-000-12-225-L04T
LEVEL OF CONTENT: GENERAL INTEREST
1.5 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair: Angela T. Cassano, PharmD, BCPS
Moderator: Megan Coder, PharmD

Learning Objectives:
- Explain new or modified roles that have been developed or expanded to assist in achieving PPMI recommendations and goals.
- List steps to integrate remote supervision of pharmacy technicians and describe the impact on patient care.
- Identify training, certifications, and competencies needed to enhance pharmacy technician roles.
- Discuss the PTCB C.R.E.S.T. Initiative and how it relates to PPMI.

Telepharmacy: A Board of Pharmacy Perspective, Mark Hardy, PharmD
Telepharmacy: A Health-System Perspective, Shelley Johnsen, RPh
Pharmacy Technicians: A Critical Element of Practice Model Change, Megan Coder, PharmD

2:00pm – 3:30pm  South Seas E, Level 3

Improving Patient Outcomes: Highlights from the ASHP-APhA Medication Management in Care Transitions Project

ACTIVITY #204-000-12-262-L04P
LEVEL OF CONTENT: INTERMEDIATE
1.5 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Cynthia Reilly, BS Pharm

Learning Objectives:
- Define the need for improved transitions of care and opportunities for pharmacists to engage in this work.
- Identify key characteristics associated with successful care transitions models.
- Describe potential barriers to care transitions models and recommend strategies to overcome these barriers.

Overview of the ASHP-APhA Medication Management in Care Transitions Project, Cynthia Reilly, BS Pharm
Leadership for High-Value Health Care: Improving Care Transitions, Kristine Gulllickson, PharmD, FASHP
Einstein Healthcare Network: Medication REACH program, Deborah Hauser, RPh, MHA; Mariel Sjelme, PharmD
Project PRIMED: Pharmacist Reconciliation of Medications and Education at Discharge, Anne Szulczewski, PharmD

2:00pm – 3:30pm  Banyan C, Level 3

Help, I Can’t Afford My Drugs! Emerging Opportunities in Caring for Indigent Patients

ACTIVITY #204-000-12-319-L04P
LEVEL OF CONTENT: INTERMEDIATE
1.5 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair: Anna Mangum, MPH, MSW
Moderator: Maureen Testoni, JD

Learning Objectives:
- Provide an overview of emerging issues and opportunities in providing care to indigent patients for 340B hospitals and other safety net providers.
- Describe innovations, strategies and tactics in providing such care.
- Describe resources available to assist 340B hospitals on this topic.

Introduction/Context, Maureen Testoni, JD
Case Study: LA County, Amy Gutierrez, PharmD
Case Study: Carolinas Health System, Fern E. Paul-Aviles, PharmD, MS

2:00pm – 3:45pm  Mandalay Bay L, Level 2

Advancing Pharmacy Practice & Medication Safety Through Medical Device Integration
Planned in cooperation with the ASHP Section of Pharmacy Informatics and Technology

ACTIVITY #204-000-12-239-L04P/204-000-12-239-L04T
LEVEL OF CONTENT: INTERMEDIATE
1.75 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Mark Siska, RPh, MBA/ TM

Learning Objectives:
- Identify the medication infusion therapy safety gaps not addressed by stand-alone smart pumps.
- Summarize the benefits of medical device integration across the medication-use continuum.
- List some of the key drivers for medical device integration.

Current & Future State of Device Integration, Mark Siska, RPh, MBA/ TM

For presenter affiliations see Presenter Index

47th ASHP Midyear Clinical Meeting and Exhibition
### Education CE Sessions

**Leveraging Device Integration to Improve Pharmacy Operational Efficiencies**, Donald L. Gerhart, RPh

**The Last 100 Feet of Data Integration at the Point of Care**, Steven B. Ward, PharmD

**Improving Medication Therapy Management Services through Device Integration**, Amanda Brummel, PharmD

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| 2:00pm – 5:00pm | South Seas D, Level 3                  | **An Afternoon of Infectious Diseases**                                | 2:00pm – 3:00pm  AC  
**Clostridium Difficile Infections: New Drugs and New Strategies**  
ACTIVITY #204-000-12-255-L01P  
LEVEL OF CONTENT: ADVANCED  
1.0 CONTACT HOURS/APPLICATION-BASED  
Presenter: Kevin W. Garey, PharmD, MS, FASHP  
Learning Objectives:  
- Identify modifiable risk factors that increase a patient’s risk for C. difficile infection or CDI.  
- Develop a treatment plan for the first episode of CDI based on disease severity and underlying risk factors.  
- Describe methods to decrease the likelihood of CDI recurrence.  

3:00pm – 4:00pm  
**Antibiotic Stewardship: Get on Board Before We Drown in Bacterial Resistance**  
ACTIVITY #204-000-12-254-L04P  
LEVEL OF CONTENT: INTERMEDIATE  
1.0 CONTACT HOURS/APPLICATION-BASED  
Presenter: Marc H. Scheetz, PharmD, MSc  
Learning Objectives:  
- Given a specific hospital scenario, identify factors that increase injudicious use of antimicrobials.  
- Design a scheme to analyze the data that captures antimicrobial utilization at a hospital.  
- Utilize clinical decision support (CDS) techniques to the fullest capability.

4:00pm – 5:00pm  
**Crisis in Medical Mycology: The Urgent Need to Adjust Antifungal Breakpoints**  
ACTIVITY #204-000-12-269-L01P  
LEVEL OF CONTENT: ADVANCED  
1.0 CONTACT HOURS/APPLICATION-BASED  
Presenter: Nathan P. Wiedenhold, PharmD  
Learning Objectives:  
- Given a specific patient case, identify factors that increase a patient’s risk of treatment failure.  
- Describe the rationale for the change in antifungal clinical breakpoints.  
- Determine if the fungal isolate is resistant and explain what treatment options exist.  

**Preparing for 2013 - Congress, Agencies, and the States: What’s in Store for Health-System Pharmacy**  

**Clinical Pearls 2012**  
Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists

**Better Living through Nebulization**, Kevin McDonough, PharmD, MPA

**Would You Like That Blended or on the Rocks? Fecal Transplant as an Alternative for Recurrent Clostridium Difficile**, Nick Bennett, PharmD, BCPS

**When Does “S” Really Mean “R”?** William L. Musick, PharmD, BCPS (AQ-ID)

**Carbapenems Causing Seizures? A Valproate Interaction Incognito...**, Nicole Bohm, PharmD

**P-Glycoprotein, Role of the “Cellular Vacuum Cleaner” in Drug Interactions**, Gayle Nicholas Scott, PharmD, BCPS

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| 2:00pm – 4:00pm | Mandalay Bay J, Level 2                  | **Preparing for 2013 - Congress, Agencies, and the States: What’s in Store for Health-System Pharmacy**  
ACTIVITY #204-000-12-223-L03P/204-000-12-223-L03T  
LEVEL OF CONTENT: GENERAL INTEREST  
2.0 CONTACT HOURS/KNOWLEDGE-BASED  
Program Chair: Brian M. Meyer, MBA  
Moderator: Kasey K. Thompson, PharmD, MS  
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.  
- Identify the grassroots actions attendees can take at their practice sites to advocate before policymakers.  

Preparing for the 2013 Policy Environment and the Political Landscape from the November Election, Brian Meyer, BA, MBA

The 113th Congressional Agenda and the Impact for Health System Pharmacy, Joseph Hill, MA

The 2013 Federal Regulatory Agencies Agenda, Christopher Topoleski, BA

State Legislative and Regulatory Issues for 2013, Karen Noonan, MA

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| 2:00pm – 4:00pm | Mandalay Bay H, Level 2                  | **Clinical Pearls 2012**  
Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists  
ACTIVITY #204-000-12-233-L01P  
LEVEL OF CONTENT: GENERAL INTEREST  
2.0 CONTACT HOURS/KNOWLEDGE-BASED  
Program Chair: Ericka L. Breden, PharmD, BCPP  
Moderator: Bruce R. Canaday, PharmD, FAPhA, FASHP  
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.  

Don’t Let Weight Loss Surgery Bypass You! Robert A. Lucas, PharmD, BCPS

Better Living through Nebulization, Kevin McDonough, PharmD, MPA

Would You Like That Blended or on the Rocks? Fecal Transplant as an Alternative for Recurrent Clostridium Difficile, Nick Bennett, PharmD, BCPS

When Does “S” Really Mean “R”? William L. Musick, PharmD, BCPS (AQ-ID)

Carbapenems Causing Seizures? A Valproate Interaction Incognito..., Nicole Bohm, PharmD

P-Glycoprotein, Role of the “Cellular Vacuum Cleaner” in Drug Interactions, Gayle Nicholas Scott, PharmD, BCPS

For presenter affiliations see Presenter Index
ONCOLOGY PHARMACY SPECIALTY SESSIONS 2012: Advanced Topics in Practice Part 2

Planned in cooperation with the Hematology/Oncology Pharmacy Association and the American College of Clinical Pharmacy

Program Chair/Moderator: Ryan N. Bookout, Pharm.D., BCPS, BCOP

Please note: If you are attending this program for BCOP recertification, there are different instructions for claiming CE from those attending only for ACPE credit.

ACPE Credit Only: Instructions for claiming CE will be available in the session room. CE will be provided by the Hematology/Oncology Pharmacy Association (HOPA).

BCOP Recertification: These sessions are part of the professional development program for recertification of Board Certified Oncology Pharmacists (BCOPs), approved by the Board of Pharmaceutical Specialties (BPS). Part 2 will be presented on Tuesday, December 4, 2:00pm – 5:00pm BCOPs must attend all six hours of programming to be eligible to complete the Web-based post-test for oncology recertification. Partial credit is not available for recertification, but is available for ACPE credit.

In the session room, you must complete a paper registration form and sign in and out in both the morning and afternoon sessions as you enter and exit the session room. The post-test fee is $45. After The Midyear, program participants will receive email instructions to purchase and access the test, as well as claim ACPE credit. The post-test examination must be completed and submitted by December 31, 2012.

2:00pm – 3:00pm

Treatment Progress for Advanced Non-Small Cell Lung Cancer

UAN# 0465-9999-12-027-L03-P
LEVEL OF CONTENT: ADVANCED
1.0 CONTACT HOURS/APPLICATION-BASED

Presenter: Christine M. Walko, PharmD, BCOP

Learning Objectives:
- Design a first-line treatment plan for a patient with metastatic non-small cell lung cancer (NSCLC) based on histology.
- Evaluate the role of mutation testing in metastatic NSCLC.
- Compare different maintenance therapies utilized in the management of metastatic NSCLC based on efficacy and toxicity.

3:00pm – 4:00pm

Trends in Oncology Drug Expenditures and Practical Cost-Management Strategies

UAN# 0465-9999-12-028-L01-P
LEVEL OF CONTENT: ADVANCED
1.0 CONTACT HOURS/APPLICATION-BASED

Presenter: James M. Hoffman, PharmD, MS

Learning Objectives:
- Analyze trends and project future costs for health care overall, for cancer care, and for oncology drugs.
- Assess key implications of healthcare reform on oncology drug costs, especially the future role of biosimilars.
- Implement effective formulary and other strategies to manage cancer drug costs to maintain a quality oncology practice.

4:00pm – 5:00pm

The Emergence of Adolescent and Young Adult Oncology

UAN# 0465-9999-12-028-L01-P
LEVEL OF CONTENT: ADVANCED
1.0 CONTACT HOURS/APPLICATION-BASED

Presenter: Kerry Parsons, PharmD, BCOP

Learning Objectives:
- Assess the different characteristics and concerns that separate the AYA population from the adult and pediatric sectors of medicine.
- Discuss potential causes of outcome disparities in the AYA population.
- Evaluate current and future treatment regimens of the AYA population for specific cancers.
- Review the future of AYA Oncology as a medical specialty.

For presenter affiliations see Presenter Index

47th ASHP Midyear Clinical Meeting and Exhibition
Soothing the Savage Beast: Vignettes in Complicated Pain Management

Planned in cooperation with the ASHP Section of Ambulatory Care Practitioners

ACTIVITY #204-000-12-281-L01P
LEVEL OF CONTENT: ADVANCED
2.0 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Ernest J. Dole, PharmD, BCPS, FASHP

Learning Objectives:

- Recognize the impact that comorbid conditions such as hypothyroidism and low vitamin D can have on the response to opiate therapy and be able to develop a medication regimen that reflects application of the best evidence and current guidelines.
- Describe common symptoms of PTSD in a patient with chronic pain and develop a medication regimen that reflects application of the best evidence and current guidelines.
- Develop a medication regimen that reflects application of the best evidence and current guidelines in a patient with sleep apnea who is receiving opiates.
- Describe the risk of opiate overdose in patients receiving high dose opiates.

Overview of Effect of Comorbid Disorders on Opiate Response, Mary Lynn McPherson, PharmD, BCPS, FASHP

Overview of the Effect of PTSD on Chronic Pain, Ernest J. Dole, PharmD, BCPS, FASHP

Overview of the Impact That Sleep Apnea Can Have on Opiate Response, Christopher M. Herndon, PharmD, BCPS, FASHP

Overview of the Use of High Dose Opiate Therapy and Opiate Overdose, Michele L. Matthews, PharmD, CPE

Developing Ambulatory Care Clinical Services: Financial Incentives and Service Value

Planned in cooperation with the ASHP Section of Ambulatory Care Practitioners

ACTIVITY #204-000-12-263-L04P
LEVEL OF CONTENT: INTERMEDIATE
3.0 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Seena L. Haines, PharmD, BCACP

Learning Objectives:

- Explain the key elements necessary when conducting a needs assessment to include: initial scope of services, role of students/residents, and interdisciplinary patient centered care when developing a business proposal.
- List the critical components necessary for sustainability and expansion of pharmacist clinical services through a strategic planning process.
- Compare other methods of offering financial value to create a sustainable program through cost-avoidance, pay-for-quality initiatives (PCMH, ACO), state Medicaid programs that have pharmacist provider status.

Corporate Pharmacy: Managing Pharmacy Across an Integrated Multi-Hospital Network

ACTIVITY #204-000-12-261-L04P
LEVEL OF CONTENT: INTERMEDIATE
2.0 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Gregory C. Gousse, BS Pharmacy, MS Pharmacy, FASHP

Learning Objectives:

- Describe the steps involved with the successful functioning of a collaborative pharmacy committee within an integrated hospital network.
- Identify the key elements to achieve success given the challenges of formulary management across a network.
- Recommend a system-wide pharmacy approach including integration with other disciplines in the prevention of readmissions that addresses value-based purchasing and healthcare reform.
- Describe the challenges and opportunities facing a newly appointed corporate director.

Perspectives of a New Corporate Director, Demetris Butler, PharmD

Coordinating a Corporate Pharmacy Executive Committee, Margaret Clapp

Pharmacy and Therapeutics Committee Network Coordination, James A. Jorgenson, RPh, MS, FASHP

Planning Challenges in a Value-Based Purchasing Environment, Bonnie L. Senst, MS, RPh, FASHP

Management Case Studies H: Parts 1, 2 & 3

Moderator: Deborah A. Brown, MS, PharmD

Potential Strategy for Implementing a Care Transition Service with Existing Resources

ACTIVITY #204-000-12-364-L04P
LEVEL OF CONTENT: GENERAL INTEREST
0.5 CONTACT HOURS/KNOWLEDGE-BASED

Presenters: Allison E. Burnett, PharmD, PhC; Richard D’Angio, PharmD; Melanie Dodd, PharmD

Learning Objectives:

- Describe the valuable role that pharmacy residents and students can have in care transitions.
- Describe key steps in development and implementation of a pharmacy-driven care transitions service.
Introduction, Implementation and Impact of a Pharmacist-Driven Transitional Care Model

Activity #204-000-12-365-L04P
Level of Content: General Interest
0.5 Contact Hours/Knowledge-Based

Presenters: Rowell Daniels, PharmD, MS; Robert Granko, PharmD, MBA; Scott Savage, PharmD, MS

Learning Objectives:
- Describe overall development and resources needed for a pharmacy-driven transitional care model.
- Define core metrics around this model.
- Discuss limitations and next phases for the launching of Carolina Care at Home.

Pharmacist Role in Accountable Care Organizations – Transition of Care

Activity #204-000-12-366-L04P
Level of Content: General Interest
0.5 Contact Hours/Knowledge-Based

Presenters: Haley Hollan, PharmD; Bruce R. Thompson, RPh, MS

Learning Objectives:
- Explain the concepts needed to implement a transitional care model.
- Describe the roles of Pharmacists in transitional care.
- Explain the complexity of transition of care in a teaching hospital.

3:30 pm – 5:00 pm Lagoon K, Level 2

Compounding Conundrums: Outsourcing Shortages, Clean Room Design, and Hazardous Drugs

Activity #204-000-12-288-L04P/204-000-12-288-L04T
Level of Content: General Interest
1.5 Contact Hours/Knowledge-Based

Program Chair/Moderator: Patricia C. Kienle, RPh, MPA, FASHP

Learning Objectives:
- State the process to assess the appropriate use of an outsourced sterile compounding pharmacy.
- List components of a process to assess appropriateness of a vendor new to the organization.
- List common issues that cause a clean room to fail a certification test.
- List the concerns of occupational exposure healthcare workers to hazardous drugs.
- Identify The National Institute for Occupational Safety and Health (NIOSH), Occupational Safety Health Administration (OSHA), and accreditation organization activities in reducing hazardous drug exposure in healthcare workers.

Outsourcing, Shortages, and Issues with Cleanroom Design, Eric S. Kastango, MBA, RPh, FASHP
Hazardous Drugs, Luci Power, BS MS

3:30 pm – 5:00 pm Mandalay Bay B, Level 2

Critical Updates in Pediatrics, Part 2: CHF, Cystic Fibrosis, and Traumatic Brain Injury

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

Activity #204-000-12-297-L04P
Level of Content: Advanced
1.5 Contact Hours/Knowledge-Based

Program Chair/Moderator: Elizabeth Anne Farrington, PharmD, BCPS

Learning Objectives:
- Explain the current guidelines for infants and children with cystic fibrosis.
- Evaluate the current literature regarding the efficacy and safety of VX-770 (KalydecoTM) in combination with VX-809 a new agent-in-development, for the treatment of cystic fibrosis.
- Describe the pathophysiology and treatment of pediatric heart failure and how it differs from adult heart failure.
- Describe the causes of traumatic brain injury (TBI) based on the age of the patient and how this changes empiric testing or medication management.
- Review the new SCCM pediatric TBI guideline and application of key changes to the treatment of the pediatric patient.

New Treatment Options for the Patient with Cystic Fibrosis, Kimberly Novak, PharmD, BCPS

Update in the Treatment of Congestive Heart Failure in Children, Jason A. Corcoran, PharmD, BCPS

Highlights of the New Pediatric Traumatic Brain Injury Guidelines, Elizabeth A. Farrington, PharmD, BCPS

4:00 pm – 5:00 pm South Pacific D, Lower Level, North Convention Center

Management Case Studies D: Parts 1 & 2

Moderator: Juliana Chan, PharmD

Improvement in Smart Pump Utilization with an Infusion Pump Pharmacist

Activity #204-000-12-356-L04P
Level of Content: General Interest
0.5 Contact Hours/Knowledge-Based

Presenters: Tina B. Aramaki, PharmD; Beth Johnson, RPh; Scott Milner, PharmD, MBA

Learning Objectives:
- Explain the difficulties in maintaining a drug library.
- Describe the workflow of a pump pharmacist.
- Describe the complexity of smart pumps.

Getting the Most from Your Chemo Robot – First Year Experience in a Hospital-Based Ambulatory Infusion Pharmacy

Activity #204-000-12-357-L04P/204-000-12-357-L04T
Level of Content: General Interest
0.5 Contact Hours/Knowledge-Based

Presenter: Angela W. Yaniv, PharmD, BS

Learning Objectives:
- Describe the challenges to optimal robot through put in an ambulatory infusion pharmacy setting.
- Identify two strategies that can enhance robot use and through put.
- Discuss human-factor issues to address when implementing an IV robot.
**Management Case Studies E: Parts 1 & 2**

Moderator: Nicole J. Clark, PharmD, BCPS

**Medication History Technician Supervision: Recommendations for Establishing Effective Accountability**

ACTIVITY #204-000-12-358-L04P/204-000-12-358-L04T
LEVEL OF CONTENT: GENERAL INTEREST
0.5 CONTACT HOURS/KNOWLEDGE-BASED

Presenters: DeAnne L. Brooks, PharmD; Julie B. Cooper, PharmD, BCPS

Learning Objectives:
- Identify quality metrics for a medication history program.
- Evaluate essential components of a Medication History Standard and technician evaluation rubric as a foundation of a medication history accountability program.
- Explain the value of direct observation in the supervision of a medication history technician.

**Successes and Challenges with Implementation and Expansion of Pharmacy Technicians in Medication History Role**

ACTIVITY #204-000-12-359-L04P/204-000-12-359-L04T
LEVEL OF CONTENT: GENERAL INTEREST
0.5 CONTACT HOURS/KNOWLEDGE-BASED

Presenter: Jeanne R. Ezell, MS, BS, FASHP

Learning Objectives:
- Describe how to obtain support and approval for medication reconciliation technician positions.
- List key factors for success with implementation and expansion of medication reconciliation pharmacy technicians.
- Explain how to collect meaningful data for quality assurance of medication and allergy histories performed by pharmacy technicians.

**Providing Care Beyond Cure: Transitioning Patients to Palliative Care**

Planned in cooperation with the ASHP Section of Ambulatory Care Practitioners

ACTIVITY #204-000-12-203-L01P
LEVEL OF CONTENT: INTERMEDIATE
1.0 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Lee A. Kral, PharmD, BCPS

Learning Objectives:
- Given a description of a specific patient, determine what the goals of care are when transitioning to a palliative care approach.
- Create a list of drug-related problems.
- Develop and present recommendations to address the drug-related problems.

**Introduction to the Palliative Care Transition**

Lee Kral, PharmD, BCPS

**Transition to Palliative Care: Pain Management**

Lee Kral, PharmD, BCPS

**Transition to Palliative Care: Symptom Management**

Pamela Moore, BCPS, CPE

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**Integrated Precepting: Maximizing Learning for Both Students and Residents**

ACTIVITY #204-000-12-212-L04P
LEVEL OF CONTENT: GENERAL INTEREST
1.0 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Debbie C. Byrd, PharmD, BCPS

Learning Objectives:
- Design strategies to integrate pharmacy student and resident learners into practice.
- Evaluate current pharmacy services that could be extended through use of pharmacy students and residents.

**Therapy Updates: The Risks and Benefits of Immunosuppression in the Modern Era**

Planned in cooperation with the ASHP Section of Inpatient Care Practitioners

ACTIVITY #204-000-12-215-L01P
LEVEL OF CONTENT: INTERMEDIATE
1.0 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Terri Albarano, PharmD, MS

Learning Objectives:
- Identify pharmacotherapeutic strategies for the manipulation of the human immune system after transplantation.
- Illustrate treatment strategies for post-transplant rejection.
- Distinguish treatment options for transplant-related comorbidities.

**Risk-Based Approach to Maintenance Immunosuppression**

Christopher R. Ensor, PharmD, BCPS-CV

**Immunosuppression Manipulation for Rejection/Adverse Effects**

Edward T. Horn, PharmD, BCPS

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**Management Case Studies I: Parts 1, 2 & 3**

Moderator: Barbara Giacomelli, PharmD, MBA, FASHP

**Communication Strategy to Educate Healthcare Providers about Drug Shortages in a Multi-Facility Academic Medical Center**

ACTIVITY #204-000-12-367-L04P/204-000-12-367-L04T
LEVEL OF CONTENT: GENERAL INTEREST
0.5 CONTACT HOURS/KNOWLEDGE-BASED

Presenters: Ellena Anagnostis, PharmD, BCPS; Anne Marie Valorie-Oberle, PharmD, BCOP; John Williamson, PharmD, MBA, BCPS

Learning Objectives:
- Identify pharmacy staff to contribute to the design of a communication plan for drug shortages.
List opportunities to educate providers through face-to-face communication regarding drug shortages.

Describe options for communicating information electronically to prescribers.

**Process for Addressing Drug Shortages in a Two-Hospital Setting**

**Activity #204-000-12-369-L04P/204-000-12-370-L04P**

**Level of Content:** General Interest

**Duration:** 0.5 Contact Hours/Knowledge-Based

**Presenter:** Jill M. Strykowski, MS, RPh

**Learning Objectives:**
- Describe the importance of assessing supply chain and inventory during a time of critical drug shortages.
- Describe the role of key team members in averting drug shortages.
- Given that drug shortages are an everyday occurrence, explain the difference between managing through a drug shortage versus addressing a shortage that is of an immediate critical patient care nature.

**Reimbursement for Medication Therapy Management Clinic (MTMC)**

**Activity #204-000-12-368-L04P/204-000-12-368-L04T**

**Level of Content:** General Interest

**Duration:** 0.5 Contact Hours/Knowledge-Based

**Presenters:** Anna Markel Vaysman, PharmD, BCPS; Mansi Shah, PharmD; Jessica J. Tilton, PharmD, BCACP

**Learning Objectives:**
- Define various options for billing of medication therapy management services.
- Design a process to implement billing opportunities.
- Describe the barriers encountered when billing for MTMC services.

8:00am – 9:30am  South Seas B, Level 3

**Management Case Studies L: Parts 1, 2 & 3**

**Moderator:** Brad Myers, PharmD, MBA, BCPS

**Using Failure Mode Effects Analysis (FMEA) to Improve Controlled Substances Processes in Inpatient Areas**

**Activity #204-000-12-374-L05P**

**Level of Content:** General Interest

**Duration:** 0.5 Contact Hours/Knowledge-Based

**Presenters:** Leigh DeMarco, PharmD, MS; Carolyn Kowalchik, RPh, MSs; Linda S. Tyler, PharmD, FASHP

**Learning Objectives:**
- Describe the steps of a FMEA.
- List three system vulnerabilities for handling controlled substances that can be identified through a FMEA process.
- Identify three factors to make a FMEA project more successful.

**Pharmacy Lessons Learned from a Disaster - The Joplin Story**

**Activity #204-000-12-375-L04P/204-000-12-375-L04T**

**Level of Content:** General Interest

**Duration:** 0.5 Contact Hours/Knowledge-Based

**Presenters:** Sarah Boyd, PharmD, BCPS; Jonathan Lakamp, PharmD, BCPS

**Learning Objectives:**
- Describe the disaster preparedness plan at Mercy Hospital Joplin prior to May 22, 2011.
- Review the immediate response.
- Identify strategies for re-establishment of pharmacy services.

**Calling a Blitz: Utilization of a Rapid Process Improvement Tool to Enhance Medication Distribution Processes**

**Activity #204-000-12-376-L04P/204-000-12-376-L04T**

**Level of Content:** General Interest

**Duration:** 0.5 Contact Hours/Knowledge-Based

**Presenters:** Berook Addisu, PharmD, BCPS; Carol Munch, BS Pharm; Andrew Wilcox, PharmD

**Learning Objectives:**
- Describe the purpose of a kaizen blitz.
- Describe the potential framework of a kaizen blitz.
- Describe how to select members of a kaizen blitz Project Team.

8:00am – 9:30am  Reeft D, Level 2

**Case-Based Approach to Insulin Initiation and Intensification**

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

**Activity #204-000-12-282-L01P**

**Level of Content:** Intermediate

**Duration:** 1.5 Contact Hours/Application-Based

**Program Chair/Moderator:** Gina Ryan, PharmD, BCPS

**Learning Objectives:**
- Describe the normal physiological insulin release and pharmacokinetic profiles of the following insulin regimens: basal only, 70/30 twice a day, and basal-bolus insulin.
- Appropriately adjust insulin based on a patient’s self-blood glucose monitoring results.

**Brief Basic Diabetes Background and Description of Patients in Insulin Cases, Melody L. Hartzler, PharmD, AE-C**

**Normal Physiology of Insulin Release, Melody L. Hartzler, PharmD, AE-C**

**Insulin Pharmacokinetics, Basal vs. Bolus Types, Melody L. Hartzler, PharmD, AE-C**

**Insulin Level Curves and Limitation for Common Regimens, Candis M. Morello, PharmD, CDE**

**Target Blood Glucose Levels, Candis M. Morello, PharmD, CDE**

**Insulin Cases, Gina J. Ryan, PharmD, CDE**

8:00 a.m. – 9:30 a.m.  Breakers C, Level 2

**A Compounding Tragedy — A National Response**

**Activity #204-000-12-275-L03P/204-000-12-275-L03T**

**Level of Content:** General Interest

**Duration:** 1.5 Contact Hours/Knowledge-Based

This session will provide an update from ASHP, federal officials, and other experts on emerging developments related to preventing contaminated drug products from entering the drug supply chain.
Uncommon Pediatric Treatments in Traumas - Avoiding the “I wish I Had Known That” Moment, Shannon Manzi, PharmD
When the Pain is Skin Deep, Courtney McKinney, PharmD, BCPS
A Look into Wilderness Medicine - HAPE and HACE, Pamela Walker, PharmD, BCPS
Physostigmine: It’s Back, Nicole M. Acquisto, PharmD, BCPS
TPA for the PE in PEA, Alison M. Jennett Reznek, PharmD, BCPS
Intranasal Medication Delivery in the Emergency Department, Renee Petzel Gimbar, PharmD
Nebulized Narcan: A Kinder, Gentler Awakening, Heather Schumann, PharmD
Pulling Bedside Tricks, Part II, Joanne Witsil, PharmD, RN

Lytes Off in Vegas! The Acute Management of Potassium and Calcium Disorders
ACTIVITY #204-000-12-242-L01P
LEVEL OF CONTENT: INTERMEDIATE
1.75 CONTACT HOURS/APPLICATION-BASED
Program Chair/Moderator: Michael C. Thomas, PharmD, BCPS
Learning Objectives:
» Design a plan to replace and monitor potassium.
» Recommend a comprehensive treatment approach for the patient with hyperkalemia.
» Incorporate knowledge about treatments for calcium disorders into the therapeutic plan for a patient.
Low K May Not be Okay, Philippe Mentler, PharmD, BCPS
Hyperkalemia - Protect, Shift, and Eliminate, Michael C. Thomas, PharmD, BCPS
Bad to the Bone: Acute Calcium Disorders, Megan Corrigan, PharmD, BCPS

Innovative Practice: Sustainable Approaches for Reducing 30-Day Hospital Readmissions
Planned in cooperation with the ASHP Section of Ambulatory Care Practitioners and the ASHP Section of Inpatient Care Practitioners
ACTIVITY #204-000-12-265-L04P
LEVEL OF CONTENT: INTERMEDIATE
1.75 CONTACT HOURS/APPLICATION-BASED
Program Chair/Moderator: Richard L. Stambaugh, PharmD, MS
Learning Objectives:
» Identify and describe effective programs and services that have reduced preventable readmissions to hospital.
» Develop a plan to incorporate new practice models, programs, services and/or pharmacist interventions to reduce hospital readmissions in the inpatient, outpatient and transitional care settings.
» Identify how to gather return on investment data for reducing readmissions and creating sustainable services.
Pharmacy’s Role in Reducing Readmissions: A Review of Established Programs and Outcomes, Steven M. Riddle, PharmD, BCPS, FASHP

Heart Failure, Respiratory Disease, and Readmission, Joseph M. Dula, PharmD

Preventing Readmissions, Joanne Doyle Petrongolo, PharmD

Care Transitions and Reducing Readmissions, Paul Glynn, PharmD, BCPS, CGP

Transforming Care: Results from the Partnership for Patients Initiative

ACTIVITY #204-000-12-266-LO5P/204-000-12-266-LO5T
LEVEL OF CONTENT: GENERAL INTEREST
1.75 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Brian J. Isetts, PhD, BCPS

Learning Objectives:
- Equip participants with the measures and best practices to engage their institution in achieving bold national medication safety aims.
- Describe strategies to optimize patient participation in improving care and outcomes.
- Discuss ASHP collaborations to promote quality improvement and to align the work of members in measuring decreases in adverse drug events and hospital readmissions.

Overview of National Medication Safety, Brian J. Isetts, PhD, BCPS

Principles for Partnering with Patients to Achieve Goals of Therapy, Regina Holloway

The Urgent National Call to Action, Tom C. Evans, MD, FAAFP

Alignment of ASHP Priorities with National Medication Safety Aims, Kasey K. Thompson, PharmD, MS

Measures and Best Practices for Decreasing High Impact ADEs, Monica Barrington, RPh, MPH

Residency Precepting: Strategies Worth Sharing

ACTIVITY #204-000-12-271-LO4P
LEVEL OF CONTENT: GENERAL INTEREST
1.75 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: John E. Murphy, PharmD, FCCP, FASHP

Learning Objectives:
- Refine your own orientation programs to enhance positive experiences for residents using examples provided during this session.
- Assess the outcomes and likelihood that institutions will adopt recommended changes based upon the results of residency projects.
- Evaluate current approaches to resident assessment and revise strategies to improve processes.
- List key strategies to fast-track changes for success.

Effectively Orienting Residents to Your Program, Brian L. Erstad, PharmD, FASHP

Creating Residency Projects that Make a Difference, John E. Murphy, PharmD, FCCP, FASHP

Assessment that Improves Outcomes, Beth B. Phillips, PharmD, BCPS

Troubled Teen 101: Topics in Adolescent Psychiatry

ACTIVITY #204-000-12-283-L01P
LEVEL OF CONTENT: INTERMEDIATE
1.75 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Julie A. Dopheide, PharmD, BCPP

Learning Objectives:
- Explain how the development of the brain progresses from childhood into adulthood and how this ongoing brain development impacts attention, mood and behavior.
- Recognize signs and symptoms of psychiatric disorders, including ADHD, substance abuse, eating disorders, mood and psychotic disorders, in adolescents.
- Given a case of an adolescent prescribed an antipsychotic, mood stabilizer or antidepressant, determine which adverse effects are most problematic and recommend management and counseling.

Case Presentation, Julie Dopheide, PharmD, BCPP
The Adolescent Brain, Elizabeth Sowell, PhD
Recognizing and Managing Psychiatric Disorders in Youth, Julie Dopheide, PharmD, BCPP

From Drug Shortage to Order Entry Error to Device Failure: Managing a TPN Event in a Large Health System

ACTIVITY #204-000-12-284-LO5P/204-000-12-284-LO5T
LEVEL OF CONTENT: GENERAL INTEREST
1.75 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Bonnie Levin, PharmD, MBA

Learning Objectives:
- Identify common pharmacy human factors failure points which could lead to extensive system errors.
- Analyze process improvements which can be used to effectively prevent the identified potential failures.
- Describe the safety processes which should be required to replace drugs that cannot be obtained due to shortage.
- Describe leadership strategies and tactics to effectively handle a serious medication error or other patient safety event.
- Evaluate the use of the “Just Culture” concept and its implementation during a serious medication error.

Error Description, Bonnie Levin, PharmD, MBA
Immediate Corrective Action: Communication and Patient Monitoring, Bonnie Levin, PharmD, MBA
ISMP’s Assessment and Corrective Action Planning, Michael R. Cohen, RPh, MS, ScD (hon)
Human Factors Engineering Assessment and Corrective Action Planning, Rollin (Terry) J. Fairbanks, MD, MS
Other Consultants’ Assessments, Corrective Action Planning and Leadership Strategy; Full Disclosure with Physicians, Patients, Boards of Pharmacy, Bonnie Levin, PharmD, MBA
8:30am – 9:30am  Lagoon K, Level 2

Resisting Inertia: Approaches to Managing Resistant Hypertension

ACTIVITY #204-000-12-256-L01P
LEVEL OF CONTENT: INTERMEDIATE
1.0 CONTACT HOURS/APPLICATION-BASED

Presenter: Joel C. Marrs, PharmD, BCPS

Learning Objectives:
- Identify risk factors for the development of resistant hypertension.
- Evaluate specific antihypertensive agents to treat hypertensive resistant patients using current guidelines and evidence-based practice.
- Compare and contrast the mechanisms of action, role in therapy, benefits and risks, and special considerations with antihypertensive agents that are used in the management of resistant hypertension.

10:00am – 11:00am  Mandalay Bay F, Level 2

Spotlight on Science

Nanotechnology in Medicine: How Very Tiny Solutions can Impact Big Problems

ACTIVITY #204-000-12-325-L01P/204-000-12-325-L01T
LEVEL OF CONTENT: GENERAL INTEREST
0.75 CONTACT HOURS/KNOWLEDGE-BASED

Featured Speaker: Mansoor M. Amiji, PhD
For more information on Dr. Amiji, see page 30.

Learning Objectives:
- Describe nanotechnology and its relevance in disease management.
- Recognize the differences in nanotechnology and their therapeutic relevance.
- Give examples of future uses of nanotechnology in medicine and pharmacy.

2:00pm – 3:00pm  Banyan C, Level 3

Management Case Studies J: Parts 1 & 2

Moderator: John S. Clark, PharmD, MS, FASHP


ACTIVITY #204-000-12-370-L03P/204-000-12-370-L03T
LEVEL OF CONTENT: GENERAL INTEREST
0.5 CONTACT HOURS/KNOWLEDGE-BASED

Presenters: Gayle Cotchen, PharmD, MBA; Rosella Hoffmann, RPh; Elaine R. Mebel, PharmD, MS

Learning Objectives:
- Explain the Resource Conservation Recovery Act regulations.
- Describe processes for compliance with RCRA medication disposal in health-systems.
- Identify barriers that can hamper implementation of RCRA compliance projects.

2:00pm – 3:30pm  Mandalay Bay J, Level 2

Strategies to Create a More Collaborative Workplace

Planned in cooperation with the ASHP Section of Pharmacy Practice Managers

ACTIVITY #204-000-12-272-L04P/204-000-12-272-L04T
LEVEL OF CONTENT: INTERMEDIATE
1.0 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Matthew W. Eberts, PharmD, MBA

Learning Objectives:
- Identify the characteristics of a culture that supports and fosters collaboration.
- Explain the process for building a culture of collaboration.
- Identify multi-disciplined patient centered services that can be developed within a culture of collaboration.

Practice Example-Building Patient Centered Coalitions by Breaking Down Barriers, John S. Clark, PharmD, MS, FASHP

Creating a Culture of Collaboration, Matthew W. Eberts, PharmD, MBA

2:00pm – 3:30pm  Mandalay Bay L, Level 2

The Tortoise and the Hare of Chronic Kidney Disease: Slowing Disease Progression

ACTIVITY #204-000-12-201-L01P
LEVEL OF CONTENT: INTERMEDIATE
1.5 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Thomas C. Dowling, PharmD, PhD

Learning Objectives:
- Using a set of criteria, evaluate a patient’s comprehensive kidney function.
- Recommend strategies for slowing the progression of renal disease in patients with diabetic nephropathy in light of current controversies in the literature.
- Recommend strategies for slowing the progression of renal disease in patients with hypertensive nephropathy.

Update on Estimating GFR and Renal Biomarkers, Thomas Dowling, PharmD, PhD

Hypertensive Nephropathy and Ethnicity, Chanel Agness, PharmD, BCPS

Approaches to Slowing Diabetic Nephropathy, Mary Onysko, PharmD, BCPS

For presenter affiliations see Presenter Index
2:00pm – 3:30pm  South Seas H, Level 3

2012 ASHP National Survey Results: Implications and Trends for Today’s Practice

Planned in cooperation with the ASHP Section of Pharmacy Practice Managers

ACTIVITY #204-000-12-224-L04P
LEVEL OF CONTENT: GENERAL INTEREST
1.5 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Douglas J. Scheckelhoff, MS

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 2012 ASHP National Survey.
- Describe the practice trends that deviate from established best practices.

Patient Monitoring and Education, Craig A. Pedersen, PhD, FAPhA

Important Trends and Strategic Initiatives, Philip J. Schneider, MS, FASHP

Pharmacy Practice Model Initiative (PPMI) National Dashboard, Douglas J. Scheckelhoff, MS

2:00pm – 3:30pm  South Seas D, Level 3

Hot Topics in Emergency Medicine

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

ACTIVITY #204-000-12-267-L01P
LEVEL OF CONTENT: ADVANCED
1.5 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Daniel Hays, PharmD, BCPS

Learning Objectives:
- Discuss the current therapeutic regimens/options given a patient with pulmonary embolism.
- Develop a treatment regimen based on best practices in a patient with a polysubstance overdose.
- Evaluate a treatment regimen based on best practices in a patient with a calcium channel blocker/beta blocker.

tPA for PE, Daniel Hays, PharmD, BCPS, FASHP

Hyperinsulinemia for Overdose, Philippe Mentler, PharmD, BCPS

Lipid Rescue for Overdose, Zlatan Coralic, PharmD

2:00pm – 3:30pm  Lagoon K, Level 2

Top Ten Medication Safety Issues Related to Hospital Accreditation Standards

Planned in cooperation with the Institute for Safe Medication Practices

ACTIVITY #204-000-12-314-L03P/204-000-12-314-L03T
LEVEL OF CONTENT: GENERAL INTEREST
1.5 CONTACT HOURS/KNOWLEDGE-BASED

Presenter: Darryl S. Rich, PharmD, MBA, FASHP

Learning Objectives:
- List the top ten medication safety issues in hospitals that directly relate to the Joint Commission’s medication standards and National Patient Safety Goals.

- Cite the corresponding Joint Commission standard and element of performance number for each issue, citing at least one example of a common practice that is an issue for each standard.
- List at least one reason why medication safety is negatively impacted for each of these ten issues.
- Describe at least one strategy or set of strategies for improving medication safety for each issue that also meets the requirements of each standard.
- Cite at least two resources for improving medication safety in these areas.

2:00pm – 3:45pm  South Seas J, Level 3

Reimbursement 2013: Unique and Compelling Opportunities

Planned in cooperation with the ASHP Section of Pharmacy Practice Managers

ACTIVITY #204-000-12-264-L04P
LEVEL OF CONTENT: INTERMEDIATE
1.75 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Bonnie Kirschenbaum, MS, FCSHP, FASHP

Learning Objectives:
- Explain 2013 changes to Medicare reimbursement and identify operational changes required to implement them.
- Evaluate three Medicare reimbursement challenges and complexities in your practice setting.
- List the compliance requirements for Medicare and how they apply to the 2013 changes to Inpatient Prospective (IPPS) and Outpatient Prospective (OPPS) Payment Systems.
- Describe the role of pharmacy leaders in educating their health systems on the impact of IPPS and OPPS changes.

Strategies that Determined 2013 Reimbursement, Beth L. Roberts, JD

Quirks, Responsibilities and Compliance Drive Reimbursement, Bonnie Kirschenbaum, MS, FCSHP, FASHP

2:00pm – 4:00pm  Reef D, Level 2

Transitioning Through ADHD: Pharmacotherapeutic Management from Childhood to Adulthood

ACTIVITY #204-000-12-200-L01P
LEVEL OF CONTENT: INTERMEDIATE
2.0 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: David G. Fuentes, PharmD, BCPP

Learning Objectives:
- Apply patient-specific adherence barriers and the co-morbidities to the selection of the most beneficial attention deficit hyperactivity disorder (ADHD) treatment options.
- Design a patient-specific treatment plan for the management of the presenting ADHD symptoms/chief complaint.
- Evaluate a patient’s ADHD medication regimen customized to personal adherence practices, labs, and concurrent medical illnesses.
- Interpret population safety data to determine the use of the most optimal agents for the management of a health system’s ADHD medication formulary.
Introduction to ADHD Pharmacotherapy and Considerations, David Fuentes, PharmD, BCPS
Recommendations for Adding a Second Agent Differentiating (Comparing and Contrasting) Between Childhood and Adulthood Symptoms of ADHD, Clayton D. English, PharmD, BCPS
Recommendations for Adding a Second Agent for Treating Patients Already Using an Agent for ADHD, Joshua Caballero, PharmD
Recommendations on Treating Adult ADHD Patients with Common Comorbid Axis I Disorders, Bridget Bradley, RPh, PharmD

2:00pm – 4:00pm South Seas E, Level 3
Informatics Pearls 2012: Bytes of Informatics
Planned in cooperation with the ASHP Section of Pharmacy Informatics and Technology
ACTIVITY #:204-000-12-235-L04P/204-000-12-235-L04T
LEVEL OF CONTENT: GENERAL INTEREST
2.0 CONTACT HOURS/KNOWLEDGE-BASED
Program Chair/Moderator: Laura L. Tyndall, BS, PharmD
Learning Objectives:
Identify how pharmacy informatics programs can be utilized in your hospital system to improve patient care.
Describe one way a hospital has made better use of its clinical information system and how it may be implemented in your hospital.
Compare various pharmacy informatics initiatives and how they improve the medication-use system.
Can We Make Smart Pumps Smarter? Silvana Balliu, PharmD, RPh
Leveraging Existing Hospital RFID Asset Tracking Technology for Pharmacy Applications, Richard Capps, PharmD
Electronic Prescriptions for Controlled Substances – A Federal Agency’s Perspective on Implementation, Robert Silverman, PharmD
Using an Electronic Medication Build Checklist, Jeff Chalmers, PharmD
Lessons learned and Actions Taken After Discovery of Undetected Information Technology (IT) Hazards Within an Electronic Medication Reconciliation Pathway: Is Your System at Risk? Donald McKaig, RPh, CDOE
Chemotherapy CPOE: Safety in Numbers, James L. Besier, PhD, RPh, FASHP
Working Smarter with “Dummy Drugs” - Improving Vancomycin Safety, Melissa C. Frank, PharmD
Survey Says! Don’t Feud Among the Family…14 Survey Questions as Part of a Pharmacist-Physician Warning Alert Project, Burt Beasley, BS Pharm, MS Pharm
Alert Fatigue with DDI Clinical Decision Support: Is Turning Off Alerts the Answer? John Horn, PharmD

To Suppress or to Not Suppress – That is the Question: A Clinical Decision Support Tool to Help Decide Which Alerts to Suppress, Victoria Nooneketer, PharmD
Are Your Drug Levels Timed Correctly? Pharmacist Timing of Therapeutic Drug Levels in a CPOE System, Gregory P. Burger, PharmD
The Role of Informatics Pharmacy and Patient Safety in Interfacing Vendor Software Functionality into the Electronic Health Record, Nancy R. Smestad, MS, RPh
Get Your Vendors “Talking” - Developing an Interface Between Your Online Ordering System and Your Robot, Andrew Trella, PharmD
Educate as You Medicate, Loan M. Vu, PharmD, MBA
Making the Transition: Using CDS in CPOE to Move from Hospital to Home, Vanitra R. Richards, PharmD
Virtual Ambulatory Consult: One Small Step Towards a Collaborative Practice, Kathy Yount, BS Pharm, RPh

2:00pm – 4:00pm Mandalay Bay B, Level 2
A Smooth Transition: Moving Pain Management from Here to There
Planned in cooperation with the ASHP Section of Ambulatory Care Practitioners
ACTIVITY #:204-000-12-268-L01P
LEVEL OF CONTENT: ADVANCED
2.0 CONTACT HOURS/APPLICATION-BASED
Program Chair/Moderator: Virginia L. Ghafoor, PharmD
Learning Objectives:
Utilize practice models that integrate prescription monitoring programs and practice protocols for transitions of care.
Determine appropriate drugs and devices for pain management that can be used across the continuum of care for intravenous, subcutaneous, epidural and intrathecal routes.
Collaborate on developing an interdisciplinary model for communicating the pain treatment plan across multiple practice settings including the medical home.
Advocate for strategies to overcome barriers with prescribing limitations, access to pain specialists, and insurance coverage.
Preventing Pain Management Emergencies, Anthony Pazanese, PharmD
Connecting Missing Links from Admission to Discharge, Virginia L. Ghafoor, PharmD
Advancing into the Medical Home, Barbara J. Petroff, BS, MS, FASHP
Removing Barriers to Chronic Pain Management, Ernest J. Dole, PharmD, BCPS, FASHP
### 3:30pm – 4:30pm  
**Breakers C, Level 2**

#### Evidence Based Approaches to Pharmacokinetic Dilemmas 2012

**Program Chair/Moderator:** John E. Murphy, PharmD, FCCP, FASHP

**Learning Objectives:**
- Discuss controversial issues in the literature related to generic substitution of anti-epileptic drugs.
- Evaluate the use of the MDRD equation for dosing medications in the presence of diminished renal function.
- Describe debates in the literature on the use of weight estimates for drug dosing.
- Identify issues about the pharmacokinetics of drug-drug interactions.

**Generic Substitution of Antiepileptic Drugs is a Safe Practice,** Michael E. Winter, PharmD, FASHP

**The MDRD Equation Should Replace Cockroft-Gault for Determining Doses of Drugs in Renal Dysfunction,** Thomas C. Dowling, PharmD, PhD

**Pharmacokinetic Drug-Drug Interactions are Mostly of Theoretical Rather Than Practical Importance to Patient Safety,** John E. Murphy, PharmD, FCCP, FASHP

**The Best Size Descriptor for Drug Dosing in Obese Patients is not Ideal Body Weight as Determined by the Devine Method,** Mary E. Ensom, PharmD, FCCP, FASHP

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### 3:00pm – 5:00pm  
**South Seas B, Level 3**

#### Beers, Antihypertensives, and Medical Home: An Update in Geriatric Practice

**Program Chair/Moderator:** Susan J. Skledar, RPh, MPH, FASHP

**Learning Objectives:**
- Explain pertinent updates to recently published guidelines for ensuring safe use of medications in the elderly (Beers criteria) in comparison to the 2003 version.
- Apply current literature on the use and effectiveness of antihypertensives in older adults.
- Identify and potentially prevent negative outcomes related to the transition of care process.
- Develop strategies for improving the quality of care for seniors in the patient-care medical home.

**Updates from the Revised Beers Criteria: Where Are We 10 Years Later?** Sunny Linnebur, PharmD, CGP

**Hypertension Management in the Elderly Patient,** Emily Peron, PharmD, MS

**Using Your Pharmacy Geriatric Pharmaceutical Services,** Christine M. Ruby, PharmD, BCPS

**Improving Quality of Care for Seniors in the Patient-Centered Medical Home,** Mollie Ashe Scott, PharmD, BCACP

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### 3:30pm – 4:30pm  
**Banyan C, Level 3**

#### Management Case Studies K: Parts 1 & 2

**Moderator:** Stewart R. Wirebaugh, PharmD

**Utilization of Novel Informatics Solutions to Promote Pharmaceutical Cost Reduction Strategies**

**Program Chair/Moderator:** Mary E. Ensom, PharmD, FCCP, FASHP

**Learning Objectives:**
- Analyze comparative data to illustrate end goals and opportunities for systems improvement to key stakeholders.
- Describe novel ways to utilize existing resources to promote pharmaceutical budget reduction strategies.
- Assess methods to optimize CPOE clinical decision support tools to promote pharmaceutical care and drive effective medication utilization.

**Negotiating a Wholesaler Prime Vendor Contract for a Diverse Member Network**

**Program Chair/Moderator:** Thomas E. Kirschling, PharmD, MS

**Learning Objectives:**
- Describe an RFP process that guides your IDN during wholesaler selection.
- Describe how pricing models affect your cost of goods.
- List contract elements that can be advantageous and disadvantageous to your IDN.

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### 3:30pm – 5:00pm  
**Mandalay Bay J, Level 2**

#### Driving Quality with Real-Time Dashboards

**Program Chair/Moderator:** Thomas E. Kirschling, PharmD, MS

**Learning Objectives:**
- Outline the reasons why the electronic dashboard and patient scorecards will significantly contribute to the future practice model.
- Discuss the development of an electronic pharmacy dashboard and patient scorecard system.
- Identify various operational and clinical metrics to incorporate with these systems.
- Describe the utilization of the system and improved outcomes seen by pharmacy leadership.

**Driving Quality with Information,** Scott M. Mark, FASHP

**Driving Quality with Visual Management,** Scott Knoer, MS, PharmD, FASHP
4:00pm – 5:00pm  
Mandalay Bay D, Level 2

**Antimicrobial Dosing in Obesity: Finding the Holy Scale**

**Activity #204-000-12-209-L01P**  
**Level of Content: Advanced**  
1.0 Contact Hours/Knowledge-Based

**Presenter:** Manjunath P. Pai, PharmD

**Learning Objectives:**
- Given a specific obese patient case, evaluate the effects of body size descriptors on the estimate of kidney function.
- Interpret the population pharmacokinetic model to aid estimation of the optimal dose in an obese patient.
- Recommend an appropriate dose of an antimicrobial agent for an infected patient with chronic kidney disease where no guidance is available for dose modification.

4:00pm – 5:00pm  
South Seas H, Level 3

**Antipsychotics for the Non-Psychiatric Pharmacist: Across the Ages**

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

**Activity #204-000-12-213-L01P**  
**Level of Content: Intermediate**  
1.0 Contact Hours/Knowledge-Based

**Program Chair/Moderator:** Ericka L. Breden, PharmD, BCPP

**Learning Objectives:**
- Recognize and evaluate adverse events of antipsychotics in children and elderly admitted to a non-psychiatric floor.
- Manage adverse events of antipsychotics in special populations.
- Discuss appropriate indications for antipsychotics in pediatric patients.
- Explain the CMS statement regarding over-utilization of antipsychotics in the long-term care setting and efforts to improve dementia care.

**Antipsychotic Use in Pediatric Cases,** Julie Dopheide, PharmD, BCPP

**Antipsychotic Use in Geriatric Cases,** Christopher J. Thomas, PharmD, BCPP, FASHP

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**THURSDAY, DECEMBER 6**

9:00am – 11:00am  
Mandalay Bay L, Level 2

**Hot off the Press...New Hypertension and Dyslipidemia Guidelines**

**Activity #204-000-12-257-L01P**  
**Level of Content: Intermediate**  
2.0 Contact Hours/Applicaton-Based

**Program Chair/Moderator:** Joseph J. Saseen, PharmD, FASHP

**Learning Objectives:**
- Describe clinical controversies related to the treatment of hypertension and dyslipidemia.
- Summarize the JNC 8 and NCEP ATP 4 guidelines for the management of hypertension and dyslipidemia.
Controversial ICU Prophylactic Drug Therapies: Playing With a Royal Flush or Bluffing On a Busted Hand

ACTIVITY #204-000-12-240-L01P
LEVEL OF CONTENT: ADVANCED
2.0 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Mitchell Buckley, PharmD, FCCM

Learning Objectives:
- Design an evidence-based pharmacotherapy regimen for stress ulcer prevention in the critically ill patient.
- Compare the efficacy of novel pharmacologic agents versus standard therapies in the prophylaxis of atrial fibrillation after cardiac surgery.
- Evaluate the different approaches to providing thromboprophylaxis in the critically ill.
- Evaluate the literature for post-traumatic seizure prophylaxis focusing on the safety and effectiveness of newer anti-epileptic medications.

Reducing the Stressed Stomach: Optimal Stress Ulcer Prophylaxis Strategies, Mitchell S. Buckley, PharmD, FCCM

Getting the Heart Out of the Fast Lane: Novel Therapies in Preventing Postoperative Atrial Fibrillation, Brian J. Barnes, PharmD, MS

Preventing VTE: Keeping the Blood Flowing, William E. Dager, PharmD, BCPS, FASHP

Novel Anti-Epileptic Medications for Seizure Prevention in Patients with Traumatic Brain Injury, Stacy Voils, PharmD, BCPS

Office Anthropology: New Ways to Approach Team Conflict for Better Results

ACTIVITY #204-000-12-294-L04P
LEVEL OF CONTENT: GENERAL INTEREST
1.75 CONTACT HOURS/APPLICATION-BASED

Presenter: Leslie A. Stein, BS

“But what if my way really IS better?” We’ve all thought it. And maybe your way IS, in fact, better. That and $4 might get you a cup of coffee these days. Instead of trying to prove ourselves right or make sure our value is known, the questions we might want to ask are things like:
- “How does my way help or hurt the team?”
- “What do I like about other people’s ideas?”
- “What does my way look like to people who aren’t in my head?”

By stepping back to approach your team & your role within it like an anthropologist (instead of just being caught up in the office drama), you might find things you’ve never discovered before. Learn to separate fact form feelings, shift competition into collaboration, & create an environment where you, your team, & your organization can thrive.

Learning Objectives:
- Identify behaviors that make teams less effective (their own AND others).
- Apply a variety of perspectives to see their team(s) from different vantage points, creating new opportunities for growth.
- Utilize questioning techniques to create a more collaborative team environment.
Optimizing Antimicrobial Therapy for Gram-Negative Infections

Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists
Activity #204-000-12-207-L01P
Level of Content: Advanced
1.5 Contact Hours/Knowledge-based
Program Chair/Moderator: Douglas Slain, PharmD, BCPS, FASHP

Learning Objectives:
- Identify clinical situations that would warrant double coverage of Gram-negative infections.
- Explain the role of double coverage and/or combination therapy in empiric therapy.
- Evaluate population pharmacokinetics/pharmacodynamics (PK/PD) modeling approaches used for dose optimization of antimicrobial therapy for Gram-negative infections.
- List advantages to applying PK/PD principles in the treatment of Gram-negative infections specifically related to extended infusion -lactams.
- Describe systematic approaches to implementing antimicrobial PK/PD dosing strategies in a clinical setting.

Optimizing Gram-Negative Therapy PK/PD, Marc H. Scheetz, PharmD, MSc
Combination Therapy for Gram-Negative Infections, Douglas Slain, PharmD, BCPS, FASHP

YOU ALREADY WORK HARD AT YOUR CAREER.
But to stay ahead in the rapidly changing field of health-system pharmacy, you also need to work hard on your career.

Introducing ASHP eLearning: a revolutionary learning management system that’s online, on your time, from the experts you trust.

Pharmacists and pharmacy technicians at every level, both brand-new and more experienced, now have 24/7 continuing education at their fingertips, with access to the leading names in the industry, anytime, anywhere. Soon directors of pharmacy will be able to assess staff and track progress with this secure, flexible, centralized management tool.

Easy to use at home, at work, and on the road, ASHP eLearning personalizes the training process, while making it efficient and affordable.

Go to elearning.ashp.org to browse our rapidly growing online catalog, and see how easy we’ve made it to get ahead.
The following industry-supported educational symposia have been scheduled in conjunction with The Midyear 2012. For more information, contact the company and/or individual listed. Listing is current as of October 3, 2012. For an up-to-date listing, visit our website at http://connect.ashp.org/midyear2012/Symposia or check the onsite program.

**Satellite Symposia**

*Note: Check the hotel reader boards for room locations.*

**SUNDAY, DECEMBER 2**

6:15am - 7:45am  Mandalay Bay Hotel

- **CE in the Mornings – Managing Postoperative Complications Related to Anesthesia**
  
  Supported by Merck, Inc. Contact Erika Thomas, ASHP Advantage; 301-664-8891. **CE Provider:** American Society of Health-System Pharmacists

6:15am - 7:45am  MGM Grand

- **CE in the Mornings – Reducing Cardiovascular Risk: Evidence-based Strategies for Managing Dyslipidemia**
  
  Supported by Merck, Inc. Contact Erika Thomas, ASHP Advantage; 301-664-8891. **CE Provider:** American Society of Health-System Pharmacists

2:00pm - 5:00pm  Mandalay Bay Hotel

- **Pharmacy Leadership Forum - Pharmacy and the New Health Care Model: Roles and Responsibilities for Pharmacists**
  
  Supported by Baxter Healthcare Corporation. Contact Erika Thomas, ASHP Advantage; 301-664-8653. **CE Provider:** American Society of Health-System Pharmacists

5:30pm - 8:00pm  Mandalay Bay Hotel

- **Clinical Pearls to Improve Safety and Patient Care in the Hospital Setting: Addressing Challenges of Insulin Therapy**
  
  Supported by Novo Nordisk Inc.. Contact Laurie Ermentrout, E&S MedEd Group, Inc.; 215-453-9164. **CE Provider:** American Academy of CME Inc

6:00pm - 8:00pm  Mandalay Bay Hotel

- **Clinical Decisions in the Treatment of MRSA Infections: Issues and Answers**
  
  Contact Colleen McQuone, MedEDirect; 850-385-2187. **CE Provider:** MedEDirect

**MONDAY, DECEMBER 3**

6:15am - 7:45am  MGM Grand

- **CE in the Mornings – Managing Postoperative Complications Related to Anesthesia**
  
  Supported by Merck, Inc. Contact Erika Thomas, ASHP Advantage; 301-664-8891. **CE Provider:** American Society of Health-System Pharmacists

6:15am - 7:45am  Mandalay Bay Hotel

- **CE in the Mornings – Reducing Cardiovascular Risk: Evidence-based Strategies for Managing Dyslipidemia**
  
  Supported by Merck, Inc. Contact Erika Thomas, ASHP Advantage; 301-664-8891. **CE Provider:** American Society of Health-System Pharmacists

6:45am - 8:45am  Mandalay Bay Hotel

- **Postoperative Pain and Patient-Controlled Analgesia: Evaluating Current and Evolving Modalities**
  
  Supported by Incline Therapeutics, Inc.. Contact Lori Marrese, 201-799-4820. **CE Provider:** University of Wisconsin School of Pharmacy

7:00am - 8:30am  Mandalay Bay Hotel

- **Emerging Solutions in Pulmonary Arterial Hypertension: Empowering Pharmacists in Treatment Decisions**
  
  Supported by Actelion Pharmaceuticals US, Inc. Contact Maja Drenovac, Vemco MedEd; 908-704-2400. **CE Provider:** Center for Independent Healthcare Education

7:30am - 8:30am  Mandalay Bay Hotel

- **Evolving Therapeutic Targets in Advanced Prostate Cancer: Current Trends in Optimizing Outcomes**
  
  Supported by Janssen Biotech, Inc. Contact Kimberly Lynch, Plexus Communications; 856-727-8335. **CE Provider:** Georgia Society of Health System Pharmacists

5:30pm - 7:30pm  Mandalay Bay Hotel

- **Examining the Role of DPP-4 Inhibitors in Special Populations**
  
  Supported by Boehringer Ingelheim. Contact Kristin Ciszeski, NACCME; 609-371-1137. **CE Provider:** NACCME
industry-supported symposia

**TUESDAY, DECEMBER 4**

6:15am - 7:45am  
**Mandalay Bay Hotel**

- **CE in the Mornings – Managing Postoperative Complications Related to Anesthesia**
  Supported by Merck, Inc. Contact Erika Thomas, ASHP Advantage; 301-664-8891. **CE Provider:** American Society of Health-System Pharmacists

6:15am - 7:45am  
**MGM Grand**

- **CE in the Mornings – Optimizing Immunization Strategies for Adult Patients across the Health System**
  Supported by Merck, Inc. Contact Kristi Hofer, ASHP Advantage; 301-664-8891. **CE Provider:** American Society of Health-System Pharmacists

6:15am - 7:45am  
**Mandalay Bay Hotel**

- **The Pharmacist’s Role in Implementing the New Pain, Agitation, and Delirium Guidelines in the Critical Care Setting (Available via Live Webcast)**
  Supported by Hospira, Inc. Contact Kristi Hofer, ASHP Advantage; 301-664-8773. **CE Provider:** American Society of Health-System Pharmacists

5:30pm - 7:00pm  
**Mandalay Bay Hotel**

- **Achieving Hemostasis in the Surgical Field: a multidisciplinary Team Approach to Pharmacotherapy**
  Supported by The Blood CME Center. Contact Jodi Andrews, The Blood CME Center; 973-588-1407. **CE Provider:** Postgraduate Institute for Medicine

**WEDNESDAY, DECEMBER 5**

6:15am - 7:45am  
**MGM Grand**

- **CE in the Mornings – Managing Postoperative Complications Related to Anesthesia**
  Supported by Merck, Inc. Contact Erika Thomas, ASHP Advantage; 301-664-8891. **CE Provider:** American Society of Health-System Pharmacists

6:15am - 7:45am  
**Mandalay Bay Hotel**

- **CE in the Mornings – The Next Generation: Exploring Current and Emerging Therapies for Type 2 Diabetes**
  Supported by Merck, Inc. Contact Kristi Hofer, ASHP Advantage; 301-664-8891. **CE Provider:** American Society of Health-System Pharmacists
Midday Symposia

Note: All Midday Symposia are located in the Mandalay Bay Hotel’s North Convention Center

MONDAY, DECEMBER 03, 2012

11:30am - 1:30pm  South Pacific B

- The Pharmacist’s Role in ACS Management: Translating Data into Practice

11:30am - 1:30pm  South Pacific D

- 340B Audits: Learn about compliance requirements of the 340B Drug Pricing Program as well as how to prepare for and what to expect during a 340B audit.
  Supported by AmerisourceBergen Drug Corporation. Contact Carla Frehn, AmerisourceBergen; 610-727-2490. CE Provider: Pharmacy Healthcare Solutions Ltd.

11:30am - 1:30pm  South Pacific F

- Infusion Management Technology: Real-World Lessons to Demonstrate Value (Also Available via Live Webinar)
  Supported by Hospira. Contact Gail Townley, ProCE, Inc.; 630-540-2848. CE Provider: ProCE, Inc.

11:30am - 1:30pm  South Pacific J

- Reducing IV Admixture Related Safety Risks: A Review of the ISMP Sterile Preparation Compounding Guidelines

11:30am - 1:30pm  Islander F

- Appropriate Dosing & Administration of Intraoperative IV Opioids During General Anesthesia
  Supported by Mylan Specialty. Contact Jennifer Lapidus, Integrity Continuing Education; 732-212-9777. CE Provider: Postgraduate Institute for Medicine

11:30am - 1:30pm  Islander H

- Preparing for Biosimilars: Scientific, Regulatory, and Practice Management Issues for Pharmacists
  Supported by an educational donation provided by Amgen and by an educational grant from Pfizer, Inc. Contact Erika Thomas, ASHP Advantage; 301-664-8853. CE Provider: American Society of Health-System Pharmacists

11:30am - 1:30pm  Islander I

- Emerging Treatment Options for the Reversal of Oral Anticoagulant Therapy (Available via Live Webcast)
  Supported by CSL Behring. Contact Carla Brink, ASHP Advantage; 301-664-8825. CE Provider: American Society of Health-System Pharmacists

TUESDAY, DECEMBER 04

11:30am - 1:30pm  South Pacific B

- Management of Hyponatremia in Hospitalized Patients: The Key Role of Pharmacists
  Supported by Otsuka America Pharmaceutical, Inc. Contact Mary Stanley, Potomac Center for Medical Education; 443-909-7903. CE Provider: Potomac Center for Medical Education

11:30am - 1:30pm  South Pacific D

- Managing Oncology in a Health System
  Supported by AmerisourceBergen Drug Corp.. Contact Carla Frehn, AmerisourceBergen; 610-727-2490. CE Provider: Pharmacy Healthcare Solutions Ltd.

11:30am - 1:30pm  South Pacific F

- Surface contamination with antineoplastic agents: Where Are We a Decade Later?
  Supported by BD. Contact Laura De La Rosa, STAT Management; 201-847-5783. CE Provider: STAT Management

11:30am - 1:30pm  South Pacific J

- Traveling Optimal Pathways for Managing Stable Ischemic Heart Disease
  Supported by Gilead Sciences Medical Affairs. Contact thompson@voxmedia.us, Voxmedia, LLC; 973-467-0500. CE Provider: Neomed

11:30am - 1:30pm  Islander F

- PAH Pharmacotherapy: Progress in the Modern Treatment Era
  Supported by Actelion Pharmaceuticals. Contact Gail Townley, ProCE, Inc.; 630-540-2848. CE Provider: ProCE, Inc.

11:30am - 1:30pm  Islander H

- Evaluating New Pharmaceutical Products at Your Health System: Maximizing Value with Medication-use Evaluations
  Supported by Cadence Pharmaceuticals. Contact Carla Brink, ASHP Advantage; 301-664-8825. CE Provider: American Society of Health-System Pharmacists
### Industry-Supported Symposia

**Viva the Midyear!**

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<td>11:30am - 1:30pm</td>
<td>Islander G</td>
<td><strong>Challenges in Managing Acute Bleeding in Patients with Hemophilia (Available via Live Webcast)</strong></td>
<td>Novo Nordisk Inc.</td>
<td>Carla Brink, ASHP Advantage; 301-664-8825. <strong>CE Provider:</strong> American Society of Health-System Pharmacists</td>
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**WEDNESDAY, DECEMBER 5**

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<tr>
<td>11:30am - 1:30pm</td>
<td>South Pacific D</td>
<td><strong>Health IT and Hospital Pharmacy: The Time Is Now (Also Available via Live Webinar)</strong></td>
<td>Hospira</td>
<td>Gail Townley, ProCE, Inc.; 630-540-2848. <strong>CE Provider:</strong> ProCE, Inc.</td>
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Follow ASHP at @ashpofficial:
- Use #ashpmidyear
- Share pictures!
- Set up meetings!
- Win prizes!
Gain insight into successful programs from health-systems in the U.S. and around the world! Below are the scheduled times for poster presentations.

Professional poster presentations are listed below; Student and Resident/Fellows presentations are listed online at http://connect.ashp.org/midyear2012/Education/Posters.

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<td>Monday, December 3</td>
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*Fellows will present on Monday and Tuesday in the Professional Poster sessions. Check the website for a listing.

| **Student Posters** | |
| Monday, December 3 | 8:15am – 9:15am |
| | 11:30am – 12:30pm |
| Tuesday, December 4 | 11:30am – 12:30pm |

| **Resident Posters** | |
| Wednesday, December 5 | 8:30am – 9:30am |
| | 10:00am – 11:00am |
| | 11:30am – 12:30pm |
| | 1:00pm – 2:00pm |
| | 2:30pm – 3:30pm |

YOU’RE NEEDED! YOU’RE WANTED! YOU’RE INVITED—

**to be a Poster Mentor.** Share an hour of your time with Student or Resident poster presenters during The Midyear and you’ll be giving a much-needed boost to the rising stars of our profession. Stop by the Poster Hall during any one of the Student or Resident Poster sessions and ask about being a mentor at the Poster Information booth.

**TUESDAY, DECEMBER 4**

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<td><strong>Special Poster Session</strong></td>
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*Introducing an Emergency Pharmacist into Your Institution: An ASHP Patient Care Impact Program™ 2012*

The participants of this 6-month education program collaborated with mentors to introduce the role of the emergency pharmacist into their institutions. Stop by and view the results of their important work in this special poster session.
### PROFESSIONAL POSTERS

#### PRIMARY AUTHOR INDEX

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47th ASHP Midyear Clinical Meeting and Exhibition
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### Monday, December 3  
2:00pm – 4:30pm

**Categories:** Administrative Practice / Financial Management / Human Resources, Ambulatory Care, Automation Informatics, Chronic/Managed Care, Clinical Services Mangement, Drug Use Evaluation, General Clinical Practice, Geriatrics, IV Therapy/Infusion Devices, Infectious Diseases, Investigational Drugs, Leadership, Nutrition Support, Oncology, Operating Room Pharmacy, Pain Management, Pharmacokinetics, Practice Research/Outcomes Research/Pharmacoeconomics, Small and Rural Pharmacy Practice, Toxicology

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Collaboration between South Sudanese immigrants and American health care workers results in a proposal with potential international impact, John Rueter, Jennifer Barnes, Ashley Cobb, Erin Nystrom, Ashokakumar Patel

Implementation of an innovative seminar course for third professional year pharmacy students, Lydia Sholy, Rony Zeenny

Development of a structured, university-supported program to assist students in the post-match residency scramble, Seth Brownlee, Timothy Ulbrich, Laura Cessna, Kyle Gustafson, Richard Kasmer

Nutrition Support

Retrospective assessment of the efficacy of a pancreatic enzyme protocol for clearing occluded enteral tubes, Janice Stumpf, Jennifer Vuong, Rebecca Kurian, Kimberlyn Dang, Michael Kraft

Oncology

Antiemetic efficacy and safety of aprepitant in multiple-day chemotherapy for hematological malignancies, Hiroaki Ikesue, Mayako Uchida, Toshihiro Miyamoto, Nobuaki Egashira, Ryozo Oishi

Assessment of compliance with American Society of Clinical Oncology (ASCO) guidelines for the screening and management of bone health in breast cancer patients, Allison Chiu, Bryna Ewachiw, Ilene Browner

Development of an antibiotic algorithm for febrile neutropenia, Brannon Flores, Barry Diamond

Identifying medical oncology patients at high-risk for venous thromboembolism in the outpatient setting, Tiffany Chung, Beth Keeney, Joyce Lin

Evaluation of carboplatin dosing methods in pediatric patients undergoing autologous stem cell transplantation, Mi Hye Choi, Go Wun Choi, Yong Hwa Lee, Hye Suk Lee, Kyung Duk Park

Analysis of prescription errors through careful review on chemotherapy regimen, Soyoung Lim, Sujin An, Heesu Chang, Hyokeun Jung, Jaegon Ryu

The use of glucarpidase as adjunctive treatment for a patient with delayed methotrexate elimination, Cheryl Abbas, Anne Marie Valorie-Oberle

Leadership

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The use of glucarpidase as adjunctive treatment for a patient with delayed methotrexate elimination, Cheryl Abbas, Anne Marie Valorie-Oberle
**Professional Posters**

3-175 **Retrospective review of carboplatin dosing in patients with low serum creatinine**, Linh Phan, Tiffany Dea, Nelson Chee

3-176 **Significant cisplatin toxicity in a patient with testicular seminoma with retroperitoneal metastases**, Jennifer Confer, Jeremy Prunty, Jon Wietholter, Chris Larck, Arif Goreja

3-177 **Pharmacogenetic biomarkers for predisposition to toxicity with irinotecan or oxaliplatin-containing regimes in colorectal cancer patients**, Lucia Cortejoso, Maria Isabel Garcia-Garcia, Pilar Garcia-Alfonso, Silvia Manrique-Rodriguez, Luis Andres Lopez-Fernandez

3-178 **Concentration-dependent venous irritation induced by bendamustine injection**, Ryozo Oishi, Hiroyuki Watanabe, Hiroaki Ikesue, Kenichiro Nagata, Nobuaki Egashira

3-179 **Effect of an oncology pharmacy elective course on fostering interest in oncology pharmacy as a career specialty**, Michael Steinberg, Maryann Cooper

3-180 **Knowledge of cancer screening recommendations among health fair attendees**, Maryann Cooper, Carroll-Ann Goldsmith, Cheryl Durand, Helen Pervanas, Michael Steinberg

3-181 **Knowledge of healthy habits in cancer prevention among health fair attendees**, Maryann Cooper, Carroll-Ann Goldsmith, Cheryl Durand, Helen Pervanas, Michael Steinberg

3-182 **Hybrid-dosing ondansetron vs. standard palonosetron in the treatment of chemotherapy-induced nausea and vomiting - a retrospective review**, John Gaqundah, Thomas Pham, Bill Tan, Robert Romanelli

3-183 **An elective in advanced therapeutic management of oncology patients**, Ebtesam Ahmed, Damary C. Torres, Tina Kanmaz

3-184 **Electronic medical record messaging can change clinical practice and lead to reduction in the use of granulocyte-colony stimulating factor without compromising quality care**, Jasen Knudsen, Mohamed Sallout, Dan Colley, Brad Halverson, Nagendra Triumal

**Operating Room Pharmacy**

3-185 **Development of a clinical operating room surgical rotation**, Michelle Holm, John Rueter

3-186 **Detection of narcotic diversion using an audit review of anesthesia records**, Allen Lockwood, Dietrich Gravenstein, Patrick Tighe, Michael Mahla, Tammy Euliano

3-187 **Performance analysis of automated anesthesia dispensing system**, JiEun Hong, Janet Kozakiewicz, Paul Rochefort

**Pain Management**

3-188 **Characterization of chronic opioid monitoring practices using urine and serum drug testing at the VA Maryland Health Care System (VAMHCS)**, Mallory Onisk, Amy Ives, Robert Lavin, Christopher Gallagher

3-189 **Ketamine infusion for loin pain hematuria syndrome exacerbation refractory to opioid therapy: a two-patient case study**, Timothy Aungst, Robert Menak, Ric Baxter, AnnElise Collier

3-190 **Implementation of a pharmacist led pain consult service utilizing electronic order entry in a community hospital**, Mate Soric, Jason Glowczewski, Rachael Lerman, Brandon Motice

3-191 **Patient satisfaction with intravenous acetaminophen treatment: A meta-analysis of randomized, placebo-controlled, repeated dose studies in the acute postoperative setting**, Juan Portillo, Poorvi Dalal, Sergio Bergese

3-192 **Effect of patient controlled analgesia lockout interval on patient safety and pain control**, Jessica Moore, Lori Reisner, Sheri VanOs dol

**Pharmacokinetics**

3-193 **Pharmacokinetic characterization of extended-release topiramate (USL255) compared to immediate-release topiramate after single- and multiple-dose administration**, Kacie Hughes, Lawrence Lambrecht, Tricia Braun, W Mark Todd, Mark Halvorsen

3-194 **Evaluation of transdermal absorption of ketoprofen in a rabbit model**, Eliza Daubert, Christina Inteso, Manuel Isherwood, Trey Tietz, Arthur Kibbe

3-195 **Development and Implementation of a Phenytoin Training Manual for Pharmacists at UAB Hospital**, Michael Denaburg, Deborah Como, Trisha Patel, Shilpa Shah, Alice Ookeditshe

3-196 **Impact of concomitant magnesium oxide administration on oral bioavailability of gabapentin in cancer patients with neuropathic pain**, Tatsuya Yagi, Takafumi Naito, Yasuaki Mino, Kazuo Umemura, Junichi Kawakami

**Practice Research / Outcomes Research / Pharmacoeconomics**

3-197 **Development and validation of a survey to assess patient knowledge about medications and confidence in their use**, Arinze Nkemdirim Okere, Colleen Renier, Jacqueline Morse

3-198 **The Impact of pharmacist-led medication reconciliation service (MRS) in the reduction of emergency room (ER) readmissions**, Arinze Nkemdirim Okere, Colleen Renier, James Tomcsche

3-199 **Physical and chemical stability of injectable acetaminophen**, Mark MacKay, Chennelle Stidham, Jacquelyn Ouellette, Sabrina Boehme, Collin Anderson

3-200 **Does early antibiotic administration decrease the overall length of stay in acute exacerbation of chronic obstructive pulmonary disease?**, Matt Baker, Stacey Kwan

3-201 **Impact on outcomes with inpatient pharmacy practice model change**, Amanda Brahim, William Kernan, Osmel Delgado
Simulating Framingham risk reductions to assess applicability as a global study endpoint: report from the P.A.T.H. steering committee, Nancy Borja-Hart, Steven Smith, Audrey Wooten, Tara Lukawski, Benjamin Epstein

Evaluating the impact of a pay-for-outcomes program rewarding primary care physicians for optimal LDL-C management, Margaret Pasquale, Yihua Xu, Christine Divers, Michael Bullano, Jennifer Weber

Economic evaluation of fingolimod with budget implications for MassHealth, David Thompson, Connie Cheng, Anne Coz, David Dreissen, Neha Kashalikar

Clinical and economic evaluation of bortezomib for salvage therapy in relapsed or refractory multiple myeloma patients with implications for the Medicare budget, Namhee Kwak, Stephanie Belair, Kathy Ching, John Komny, Anna Moulton

Clinical and economic evaluation of ivacaftor for cystic fibrosis patients with implications for the MassHealth budget, Nidhi Dave, Aneeqa Islam, Colleen Martin, Lindsey Pelletier, Jasmine Wing-Choi

Estimated cost avoidance associated with a pharmacist-CDE led diabetes intense medical management and education clinic, David Ha, Jan Hirsch, Christine Cadiz, Anisa Arjmand, Candis Morello

Economic implications of liraglutide for a state health insurance program for low-to-middle income residents, Crystal Yu, Daniel Felix, Emily Heath, Amber Ladak, Elizabeth Haftel

Pharmacist counseling versus leaflet education in improving awareness in vitamin D deficient Lebanese patients, Randa El Masri, Lina Jadid, Diana N. Malae, Etwal Bou Raad

Vitamin D status in healthy Lebanese pharmacy students, Lina Jadid, Randa El Masri, Diana N. Malae, Etwal Bou Raad

Clinical and economic evaluation of cholinesterase inhibitors for behavior symptom management of Alzheimers patients with implications for the Veterans Administration budget, Ashley Smith, Kaylee Marino, His An Chang, Tanmayi Gupta, Taylor Nelson

Student pharmacists’ perceived level of confidence before and after a medical outreach elective, Elizabeth Perry, Amanda Storer, Roy Parish

Clinical and economic evaluation of hepatitis C treatments with implications for the Veterans Health Administration budget, Erica Marini, Aekta Vasavada, Sonya Gusinov, Jan Michael Bumatay, Cheyanne Freeman

Evaluation of adherence and persistence of antimuscarinic medications for overactive bladder, John Grossomanides, Carl Possidente

Impact of pharmacist-based heart failure counseling on 30-day readmission rates, Matthew Gibson, Christopher Tuttle, Jason Milner

Discrepancies of medication name, dose, route, and frequency in primary care clinics, Trina Huynh, Grace Kuo

Small and Rural Pharmacy Practice

Pharmacist usage of a medication intervention sheet for nitrofurantoin, metformin, and trimethoprim/sulfamethoxazole(smx-tmp) in a small rural community hospital, James Williamson, Ginger Bain

Efforts to reduce clostridium difficile infections in a rural community, Mary Jo Garst, Marti Heinze

Trends in pharmacy practice in Illinois small and rural hospitals over the past two decades, Iulia Ursan, Glen Schumock, Surrey Walton, Stephanie Crawford, Andrew Donnelly

Toxicology

Retrospective analysis of the prevention and treatment of alcohol withdrawal at a large community teaching institution, Bradley Hein, Michelle Bilinski

Arizona poison and drug information center (APDIC) quality improvement project: quality assurance guideline to monitoring and improving recording errors (QUAGMIRE), Shannon DeGrote, Steven Boyles, Michael Herman, Charles McFarlane, Keith Boesen

Tuesday, December 4 2:00pm – 4:30pm

Categories: Administrative practice / Financial Management / Human Resources, Resources, Automation/Informatics, Cardiology/Anticoagulation, Chronic/Managed Care, Clinical Services Management, Critical Care, Drug Information, Drug-Use Evaluation, Emergency Medicine/Emergency Room, General Clinical Practice, Homecare, Infectious Diseases, Investigational Drugs, Leadership, Operating Room Pharmacy, Pediatrics, Pharmacokinetics, Pharmacy Law/Regulatory/ Accreditation, Pharmacy Technicians, Practice Research/Outcomes Research/Pharmacoeconomics, Preceptor Skills, Psychopharmacy/Neurology, Quality Assurance/Medication-Use Safety, Small and Rural Pharmacy Practice, Toxicology, Transplant/ Immunology, Women’s Health

Administrative practice / Financial Management / Human Resources

Session-Board# 5-238 Capturing pharmacy interventions without the use of external documentation software, Dehuti Pandya, Sarah Lake-Wallace, Lourdes Cuellar

Formulary selection criteria for biosimilars: considerations for health-system pharmacists, Niesha L. Griffith, Jim Stevenson, Ali McBride, Larry Green

Developing a residency program through a community-based research project, Leigh Ann Ross, Lauren Bloodworth, Justin Sherman, Laurie Warrington
10th ASHP Midyear Clinical Meeting and Exhibition

5-241 Communities of pharmacy: collaboration for safety, quality, and efficiency in a multi-hospital health system, Jennifer Brandt, Bonnie Levin, Marybeth Kazanas

5-242 Implementation of a unit-dose topical repackaging service in a tertiary care academic medical center, Jason Harsanye, Todd Donnelly, Jeffrey Rosner, Sam Calabrese

5-243 Cost benefit analysis of a universal needleless adaptor system for reconstitution and transfer of sterile medications in two hospital settings, Ginger Ertel, Brandi Strader, Kristine Valenti, Ryan Birk

5-244 Economic impact of a dexametomidine order set in a community hospital, John Ives, Craig Miller, Catherine Leventis, Valerie Sheehan, Dave Ehler

5-245 Economic impact of a therapeutic interchange for parenteral iron in a community hospital, John Ives, Craig Miller, Catherine Leventis, David Baribeault, Dave Ehler

5-246 Medication event huddles: effect of an electronic database on intervention follow-up in a pediatric hospital, Jenna Merandi, Shelly Morvay

5-247 Development and implementation of a technician career ladder in a community hospital, Nancy Rampe

5-248 Buying-in: devising a purposeful staff educational plan to increase knowledge of healthcare regulations and improve employee engagement, Nate Stucky

5-249 Improved formulary compliance by implementing a comprehensive formulary management system, Pieter Helmons, Charles E. Daniels

5-250 Using performance improvement tools and staff involvement to optimize neonatal pharmacy services, Michael Hoying, Jacob Zapolnik

5-251 Cost effectiveness of an antimicrobial stewardship program in a community hospital, Kieu-Loan Vu

5-252 Creating a new model for pharmacy/nursing partnership in a community acute care hospital setting, Kieu-Loan Vu

5-253 Evaluation of a new pharmaceutical waste disposal system (Cactus Smart Sink®), Fredrick H. Bender

Automation / Informatics

5-001 Transition to a paperless clinical monitoring process to support pharmacy practice model changes, Darshika Patel, Osmel Delgado, William Kernan, Martha Espinosa-Friedman

5-002 Implementing an electronic chemotherapy status board (eCSB) to improve communication and decrease patient wait times, Shannon Baker, Louis Palmisciano II, Jennifer Ferolito, Christine Collins

5-003 Concordance with prescribing indications entered into the computerized prescriber order entry (CPOE) system, Karen Ong, Monique Pitre, John Murdoch, Gary Wong

5-004 The impact of computerized provider order entry (CPOE) on adverse events as measured by the Institute for Healthcare Improvement (IHI) Global Trigger Tool, Jaculine DeYoung, Brian Gugerty, Peter Lundeen, Neil Carlson, Nathan Mosurinjohn

5-005 Pilot study results of an automated system preparing intravenous admixtures in a hospital pharmacy aseptic unit, Pilar Flox, Ana Herranz, Rosa Romero, Patricia Perez, Silvia Manrique

5-006 Evaluation of effectiveness of real time outpatient pharmacy printing of savings estimation for patients with mail order incentive, Thomas Pugh, Robert Kawashima, Amar Prasad

5-007 Use of an internet-based education management system to track ICU pharmacists interventions, Kathryn Neill, Kendrea Jones, Allison Hollis, Ashley Stinnett

5-008 Impact on nurse satisfaction after converting from a centralized cart fill drug distribution model using medication carts to a decentralized model using automated dispensing cabinets, Curtis Kellner, Robert Dembicki

Cardiology / Anticoagulation

5-009 Monitoring achievement of adequate heparin levels in adult patients receiving heparin infusions: a drug use evaluation of an adult weight based heparin infusion protocol, Linda Kelly, Josie Saldana, Yousuf Shakir, J. Randle Adair

5-010 Clinical and economic evaluation of rivaroxaban for stroke prophylaxis in patients with atrial fibrillation with implications for the Veterans Affairs budget, Zachary Yuschack, Maria-Elena DiMaria, Charles Berds, Cristina Tran, Eric Conover

5-011 Evaluating the reasons for dabigatran discontinuation in a community hospital and anticoagulation clinic, Ashley Jacobs, Brook Sipe, Dustin Linn, Angel Heyerly, Gordon Bokhart

5-012 Assessment of the use of a novel method to educate clinical staff pharmacists on 2012 CHEST guidelines, Kimberly Kelly, Lynn Eschenbacher

5-013 Impact of receiving target dose angiotensin converting enzyme (ACE) inhibitor/angiotensin II receptor blocker (ARB) or beta-blocker therapy on follow-up care in patients with heart failure, Stephanie Meisinger, Paul Dobesh, Donald Klepser

5-014 Retrospective drug utilization evaluation to validate the use of a weight-based heparin protocol for initiation of a heparin infusion in the treatment of venous thromboembolism and cardiac indications, Norma Armstrong, Emily Martinez

5-015 Evaluation of compliance and validation of an institution specific weight based heparin nomogram, Tara McMillin, Jaculine DeYoung, Steven Hixson

5-016 Factors affecting heart failure readmission rates in Jesse Brown VA medical center patients, Blair Kaplan, Clare Bergman, Grazina Janeliauskaite
Impact of pharmacist discharge education and interventions on publicly reported heart failure measures, Jenna Huggins, Janice Pan, Kimberly Fordham, Haywood Rhodes, Chris Lynch

Most frequent medical conditions concomitant with atrial fibrillation in men and women and use of anticoagulation in the ORBIT AF registry, Winnie Nelson, Jeffrey Schein, Chandrasekharra Damaraju, Jonathan Piccini, Eric Peterson

Prevalence, associated comorbidities, and burden of a prior myocardial infarction among patients with venous thromboembolism, Joyce LaMori, Hillary Gross, Marco DiBonaventura, Brahim Bookhart, Brahim Bookhart, Jeffrey Schein

Evaluation of proper prescribing of cardiac medications at hospital discharge for patients with acute coronary syndromes (ACS) in two Lebanese hospitals, Marwan Sheik-Taha, Zeinab Hijazi

Occurrence of venous thromboembolism despite prophylaxis in an obese patient population at an academic medical center, Christina DeRemer, Justina Damiani, Trisha Branan, J. Kimble Keller

Warfarin discharge counseling pilot evaluation, Anna Powichrowski, Katie Greenlee, Jeff Ketz

Transforming anticoagulant patient education, Charles Gelbig, Susan Tripp, Jerry Lopez, Kern Low

Recombinant factor VII activated and prothrombin complex concentrate use at a tertiary academic medical center, David Reardon, Paul Szumita, Julie Atay

Development of an oral anticoagulant coagulopathy/bleeding management protocol based on limited evidenced based medicine, Larry Davis, Cindy Williams, Lindsay Enzor

Extended anti-Xa monitoring of low-molecular-weight heparin in end-stage renal disease: a case report, Elaine Chow, Andrea Hall

Early experience with dabigatran at a large, tertiary care hospital, Jennifer Brandt, Joseph Marraff, Mary Turner

Anticoagulation management and valvular thrombosis in a toddler: a case report, Rebecca Marraff, Andrea Hall

Tirofiban use in a community-based hospital, Amy Knoblock, Shelby Troendle

Implementation of a heart failure readmission reduction initiative in a rural healthcare system, Dmitri Cohen, William Seavey, Bethany Lessard

Implementation of a pharmacist-driven anticoagulation discharge counseling process at an academic medical center, Brett Crisp, Robert Granko, Rowell Daniels

Difference in initial activated clotting time after bivalirudin bolus during PCI in obese versus non-obese patients, Maria C. Cruz, Jenna M. Huggins, J. Erin Allender

Chronic/Managed Care

The impact of pharmacist involvement in associate benefit design programs, Kelley Curtis, Larry Clark, Kelly Carstens, Mercedes Dombi, Peter Wong

Clinical Service Management

Integration of value added clinical responsibilities for decentralized unit based pharmacists in a community hospital setting, Douglas Daley, Daniel Newberg, Betty Li

Implementation of a pharmacy driven inpatient diabetes service improves inpatient glycemic control, Edna Gow, Eric Fleischbein, Mary Green, Emanuel Decquir, Patricia Montgomery

Successful credentialing and privileging of pharmacists in a community hospital, J. Ashley Gunter, Eric Maroyka

Continuity of care: an innovative approach to an advanced pharmacy practice experience within a large community hospital, Vicky Turberville-Vega, Anees Kanorwala

Evolution of the role of pharmacy in optimization of transitions of care in heart failure patients, Karen Trenkler, Justin Schneider, Zahra Khudeira

Novel PGY1 residency learning experience encompasses health system’s pharmacist role in the transitions of care, Karen Trenkler, Justin Schneider, Tejal Patel, Jonathan Murray

Glycemic evaluation and feasibility of collaborative practice model for colorectal surgery patients, Jenna Lovely, Joseph Herges, Benjamin Dreesman, David Larson

Application of an interdisciplinary protocol to successfully convert enterally incompatible drugs with enteral nutrition from the intravenous or inappropriate enteral route to an appropriate enteral administration time in critical care tube fed patients at a major medical center, William Ruspantini, Edwina Rich, Andy Chu, Asha Bhalla

Critical Care

Wake up and wean protocol, Caroline Girardeau, Cheryl Reilly, Ashley Liggins, Ashley Sweeney, Jackie Everidge

Continuous renal replacement therapy: moving practice forward with new technology, Caroline Girardeau, Rhonda Vincent, Michael Casey, Elizabeth Neuffer, Cheryl Reilly

Distinguishing comatose from non-comatose improves validity of delirium screening with the Confusion Assessment Method for the Intensive Care Unit (CAM-ICU), Joshua Swan, Tiffany Ho, Diana Luong

Nosocomial clostridium difficile infection in ICU patients receiving acid suppressive therapy, Ashley Stinnett, Christine Browning
5-046 Effect of sedation medication and daily awakening on delirium in the mechanically ventilated critically ill patient: a descriptive pilot study, Trevor Perry, Julie Moon, Harminde Sikand

5-047 Medication shortages: are alternative agents to facilitate mechanical ventilation safe?, Nam Cho, Cathy Hirokawa, Huan (Mark) Nguyen

5-048 Continuous intravenous infusion of furosemide: is one electrolyte replacement protocol appropriate for all critically ill patients?, Po Ying Fung, Cathy Hirokawa, Huan (Mark) Nguyen

5-049 Evaluation of spontaneous awakening trials in the medical intensive care unit at a tertiary academic medical center, Jeremy DeGrado, Megan Colwell, Megan Colwell, Paul Szumita, Anthony Massaro

5-050 Clinical and financial evaluation of a tele-ICU based pharmacy program on stress ulcer prophylaxis (SUP): A pilot project, Erkan Hassan, Paige Cuellar, Steven Klahn, Holly Chavez

5-051 Effect of sedation tapering as part of a multi-professional pain, agitation and delirium program on ICU outcomes, Erkan Hassan, Michael DePietro, Marc Zubrow, Anita Witzke, Megan Farraj

Drug Information

5-052 Compliance with location- and service-based formulary restrictions using computerized provider order entry, Nathan Spence, Christopher Wisniewski, Kelli Garrison

5-053 Key characteristics for the administration of drugs through feeding tubes, Begona San Jose, Laura Serrano, Alazne Bustinza, Zurine Baskaran, Idoia Bilbao

5-054 Cost-effectiveness and implementation of a drug information center in the Bahamas and surrounding Caribbean islands, Alexander Wilson, John Redwanski

5-055 Importance of pharmaceutical care regarding the use of ascorbic acid (vitamin C), Valter Santos, Solange Bricola, Felicia Abraho, Mariana Gaeta, Stefanie Galdino

Drug-Use Evaluation

5-056 Evaluation of pioglitazone use in a rural VA healthcare system, Kelly Moran

5-057 Drug use evaluation of sitagliptin in patients with renal impairment, Seong-Sim Ahn, Eun-hee Kim, Soon-Joo Kim, Hyen-Oh La

5-058 Use of cabazitaxel for metastatic prostate cancer in clinical practice, Macarena Bonilla, Eva Castillo, Blanca Rodriguez, Marta Hernandez

5-059 Acyclovir and hyponatremia: a case report, Lucia Cortesoso, Maria Gomez-Antunez, Maria Esther Duran-Garcia, Silvia Manrique-Rodriguez, Maria Sanjurjo-Saez

5-060 Anti-angiogenic drugs and cardiogenic shock: a case report, Lucia Cortesoso, Javier Garcia-Lledo, Alvaro Gimenez-Manzorro, Silvia Manrique-Rodriguez, Maria Sanjurjo-Saez

5-061 Risk assessment associated to natalizumab therapy, Ana Leandro, Paula Santos, Armando Alcobia

5-062 Evaluation of a clinical pharmacist intervention to individualize pancreatic enzyme therapy to the lowest effective dose, Karen Downer, Dorothy Jenrette

5-063 Clinical and economic evaluation of rrotumilast for severe COPD patients with implications for the Veterans Administration budget, Kathleen Belusko, Ashley Doyle, Lindsey Williamson

5-064 Retrospective study of the use of ipilimumab in a French University hospital, Claire Pressiat, Charles Esquirol, Philippe Arnaud, Emmanuelle Papy

5-065 Outpatient pharmacist academic detailing reduces prescribing of non-preferred drugs and improves quality and cost, Fadi Chehab, Suzanne Gauen

5-066 Prescription of fractional doses of solid oral drugs in hospital: a qualitative and quantitative description, Chloe Fercocq, Kivan Long, Emmanuelle Papy, Philippe Arnaud

5-067 Evaluation of initial vancomycin trough concentrations in obese patients receiving vancomycin, Dannii Stitt, Andy Grimone

5-068 An evaluation of pharmacy and nursing compliance to the weight based heparin protocol in a community teaching hospital, Ifeanyi Egbunike-Chukwuma, Joseph Norbert Ngwa Nforbi, Kevin Schnupp

5-069 Evaluation of the implementation of an automatic therapeutic substitution to 3mL rapid and short acting insulin vials, Gene Rhea, Matthew Kelm, Kirby Davis


5-071 Association of severe hypoglycemic risk with package insert recommended renal dose adjustments for oral anti-diabetic drug treatments among commercially insured patients with type 2 diabetes, Shih-Yin Chen, Yuan-chi Lee, Veronica Alas, Diana Brixner, Mallik Angalakuditi

5-072 Treatment of recurrent Clostridium difficile infections in hospitalized patients with implications for the Veterans Administration budget, Linda Wang, Viktoria Arons, Katie Trotta, Sagar Vegesna, Kimberly Wan
Clinical and economic evaluation of etanercept for treatment of patients with rheumatoid arthritis with implications on the MassHealth budget (2011), Samantha Choy, Alexandra Cote, Victoria Getty, Kate Park, Cassandra Petty

Implementation of a pharmacist driven erythropoietin stimulating agent program, Ann-Lori Perez, Janelle Berg, Michaela Christian

Effect of obesity on continuous weight-based heparin infusions, Leesa Prunty, Sharon Jones

Evaluation of acetaminophen prescribing & administration in a level 1 trauma center, Tiep Ly, Harminder Sikand

One-day focus on antivitamins K (AVK) drug interactions: pathing the way for a computerized assisted prescription, Brice Berdouguo, Murielle Dalle, Catherine Divine, Muriel Paul

Emergency Medicine / Emergency Room

Parent and staff satisfaction with local anesthesia prior to IV starts in a pediatric emergency room, Richard Thomas, Cydney Greenhale, Jared Cash

The emergency pharmacist as influenza immunization officer, Christopher Edwards, Katherine Hiller, Uwe Stolz, Janet Kerrigan, David Peirce

Impact of clinical pharmacists on initiation of post-intubation analgesia in the emergency department, Erin Robey-Gavin, Lammie Abuakar

Utilization of a clinical pharmacist to enhance the safety and quality of medication reconciliation initiated in the emergency care center, Michael Garvey, Elana Plante, Vincent Ludewig

Development of a standardized emergency department order set for initiation of high-dose insulin therapy for beta-blocker and calcium channel blocker overdose, Kimberly Glasoe, Stacey VanSickle

Assessing the time to antibiotic administration in septic shock patients with pharmacy services in the emergency department, Ajay Madduri, Evelyn Hermes DeSantis, Patrick Bridgeman

High-dose insulin therapy for beta-blocker and calcium channel blocker overdose: case series, Stacey VanSickle, Kimberly Glasoe

IV droperidol and olanzapine as adjuncts to midazolam for the acutely agitated patient: a multicentre, randomised, double-blind, placebo-controlled, clinical trial, Esther Chan, David Taylor, David Kong, Jonathan Knott, Georgina Phillips

Compliance with pneumonia core measures in the emergency department: it takes a village, Francia Kellner, Christopher Freer, Doreen Dutchak, Marilyn Roque-Ammirata

Antimicrobial surveillance program by clinical pharmacists in the emergency department enhances treatment of urinary tract infections, Karen Biehle, Sean Tran, Remco Witteveen, Allen Gandhi, Reno Law

Implementation of pharmacy services to a free standing emergency department using on site pharmacist and remote support from a hospital pharmacy, Yun Yee Chong, Nisha Patel, Sharon Lu, Vafa Aflatooni, Christian Hamm

Expansion of emergency medicine pharmacy services in a tertiary academic medical center, Elizabeth Wells, Matthew Campbell, Brian Pettry, David Tietz, Jonathan Williams

Impact of a clinical pharmacist on emergency medicine services, Sara Triglia, Kristen Longstreth, Maria Pusnik

Implementation and impact of 24 hour hospital pharmacy services and emergency department clinical services: a combined role, David Dietrick, Linda Higginson, Brent Dammeyer

General Clinical Practice

Impact of a pharmacist-driven discharge counseling program in a community hospital setting, Erin Onder, Kimberly Czajka, Thomas Bauer

Impact of a residency antimicrobial stewardship rotation on pharmacist initiated interventions, Marsha Crader, Andrea Cavagnaugh, Sarah Cochran, Cynthia Garris

Reduction of alvimopan use by implementing a restriction protocol in a community hospital, Radhan Gopalani, Erika Dittmar, rotating pharmacist to do?, Corinda Pippins, Beth Dixon, Dave Merryfield

Competing priorities in a community hospital emergency department: what's a newly deployed, rotating pharmacist to do?, Corinda Pippins, Beth Dixon, Dave Merryfield

Situational analysis of the vancomycin use monitoring procedure, Maria Fernanda Salomo Azevedo, Mayra Ribeiro, Carlos Henrique Cunha, Debora Carvalho, Maria Beatriz Souza Dias

Problem based learning in an elective course to associate treatment principles between acute and ambulatory patient care, Kimberly Tackett, C. Scott Lancaster

Utilization of automatic stop order practice among academic medical centers, Roy Guharoy, Karen Smethers, Christian Hartman

Pharmacists impact on decreasing length of stay in a collaborative care unit, Kristi Ziegenbusch, Nathan Ash, Cory Werts, Thomas Spallinger

Darbepoetin alfa protocol implementation in an inpatient rehabilitation hospital: the pharmacist’s impact, Helen Afolarin, Nitika Agarwal

A pilot of pharmacist counseling patient on new medications prior to discharge in a 154-bed community hospital, Karen Simpson, Ran Xu, Kaye Rathmann, Brenda Harvey-Traylor, Jennifer Squires
5-102 Evaluation of the 4Ts clinical pre-test scoring system for the diagnosis of heparin-induced thrombocytopenia in a community teaching hospital, Ifeanyi Egbonike-Chukwuma, Jackie Tran, Bonnie Enwezor, Aruna Pokharel, Rahel Goitom

5-103 Implementation of a medication reconciliation process in a community teaching hospital: a pilot study focused on patients at high risk for hospital readmission, Ifeanyi Egbonike-Chukwuma, Kevin Schnupp, Sai Nimmagadda

5-104 Impact of the pharmacist in the patient-centered medical home, Mindee DeWitt, Diane Cantwell, Tina Lee, Nancy Louie Lee

5-105 Outcome of a pharmacist discharge counseling program for congestive heart failure (CHF) patients, Michelle Corrado, Nicole Clark

5-106 Effect of delayed prophylaxis on increase of Venous thromboembolism in post orthopedic surgery population, Mahnoush Soleymani

5-107 Pharmaceutical attention showing improvement in medical adherence and glyated hemoglobin (HbA1C) reduction in diabetic patients, Valter Santos, Solange Bricola, Mariana Garcia, Julio Oliveira, Debora Siti

5-108 Preparing to be an international relief pharmacist: lessons learned from post-quake Haiti, Patricia Pitts, Elena Chidlowsky

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<tr>
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<td>12/4 7:00am</td>
<td>5:00pm 6:00pm</td>
</tr>
<tr>
<td><strong>Wednesday</strong></td>
<td>12/5 7:00am</td>
<td>4:30pm 5:30pm</td>
</tr>
<tr>
<td><strong>Thursday</strong></td>
<td>12/6 8:00am</td>
<td>3:30pm 4:30pm</td>
</tr>
</tbody>
</table>

- **Breakfast Symposia Shuttle – Sunday-Wednesday, 5:30am - 6:30am**
  *Limited Service (Frequency of Service: Every 20 Minutes)*

- **Wednesday Evening Event at Mandalay Bay, Featuring Jeff Tracta, 7:00pm – 10:30pm**

### ASHP Official Hotels

<table>
<thead>
<tr>
<th>Name</th>
<th>Boarding</th>
<th>Route #</th>
</tr>
</thead>
<tbody>
<tr>
<td>MGM Grand</td>
<td>South Conference Center Entrance</td>
<td>1</td>
</tr>
<tr>
<td>The Signature at MGM Grand</td>
<td>Walk to MGM Grand South Conference Center Entrance</td>
<td>1</td>
</tr>
<tr>
<td>Aria</td>
<td>Tour Bus Area</td>
<td>2</td>
</tr>
<tr>
<td>New York-New York</td>
<td>Zumanity Theater Entrance</td>
<td>2</td>
</tr>
<tr>
<td>Mandalay Bay Hotel</td>
<td>Walking Distance to Mandalay Bay Convention Center</td>
<td>Walk</td>
</tr>
<tr>
<td>THEhotel at Mandalay Bay Hotel</td>
<td>Walking Distance to Mandalay Bay Convention Center</td>
<td>Walk</td>
</tr>
<tr>
<td>Luxor</td>
<td>Walking Distance to Mandalay Bay Convention Center</td>
<td>Walk</td>
</tr>
</tbody>
</table>

Wheelchair accessible transportation is available during hours of operation. Call toll free (866) 439-8563 to schedule (allow 30 minutes).
ASHP OFFICIAL HOTELS

[Map showing locations of official hotels: ARIA, THE SIGNATURE AT MGM GRAND, MGM GRAND, MACDONALD BAY HOTEL, LUXOR, MANDALAY BAY, and THEhotel.

Key:
- Shuttles:
  - Shuttle Stop
  - Drop-off/pick-up

- Hotel locations:
  - ARIA
  - THE SIGNATURE AT MGM GRAND
  - MGM GRAND
  - MACDONALD BAY HOTEL
  - LUXOR
  - MANDALAY BAY
  - THEhotel

- Other key locations:
  - E RENO AVE
  - LAS VEGAS BLVD
  - TROPICANAN BLVD
  - W. HARMON AVE
  - KOVAL LANE

- Transport:
  - Shuttle Stop
  - Drop-off/pick-up

- Additional notation:
  - 47th ASHP Midyear Clinical Meeting and Exhibition

[Page layout and design elements]
Use these pages during sessions with color-card audience participation activities.

AYESTRUE

THE FAMOUS "WELCOME TO LAS VEGAS" SIGN WAS CREATED IN 1959 BY BETTY WILLIS.
THE FAMOUS LAS VEGAS STRIP IS FOR THE MOST PART, NOT WITHIN THE CITY LIMITS OF LAS VEGAS. THE MAJORITY OF THE STRIP IS LOCATED WITHIN CLARK COUNTY.
Use these pages during sessions with color-card audience participation activities.

HOWARD HUGHES
STAYED AT THE DESERT INN
FOR SO LONG THAT HE
WAS ASKED TO LEAVE.
HE BOUGHT THE HOTEL.
SEVENTEEN OF THE 20 BIGGEST HOTELS IN THE U.S. ARE IN LAS VEGAS.
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