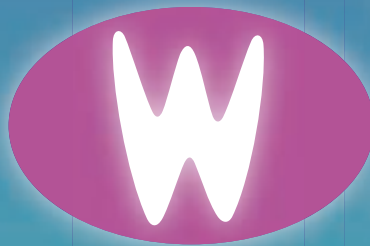




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**47th ASHP Midyear Clinical Meeting & Exhibition**

December 2–6, 2012 | Mandalay Bay Hotel | Las Vegas, Nevada



**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](mailto:prez@ashp.org).

Viva The Midyear!

A handwritten signature in black ink that reads "Kathryn R. Schultz".

**Kathryn R. Schultz, Pharm.D., M.P.H., FASHP**

President, American Society of Health-System Pharmacists

# WHERE IN THE CONVENTION CENTER IS...???

## 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.*

SAGENT®



*We would like to thank Omnicell for their sponsorship of the convention registration bags.*

## 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.**

# What is **The Midyear** to YOU?



## 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](http://www.ashp.org/midyearvideo)



© 2012 ASHP® HPSM1812

# where is...

## 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

## City Info

Everything you need from dinner reservations, to show reservations, shopping and more can be found at [www.visitlasvegas.com](http://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



**Follow me!**

## 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!

# NEW HORIZONS



ASHP 2013 SUMMER MEETING & EXHIBITION

June 1-5, 2013 | Minneapolis Convention Center | Minneapolis, Minnesota

[www.ashp.org/sm13](http://www.ashp.org/sm13)

M I N N E A P O L I S

# where is...

## 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 – 5:00pm
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 in.

## 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.

**Speaker Preview Room** **Surf D, Level 2**

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

**Hours:**

Saturday – Wednesday 7:30am – 5:00pm

Thursday 8:30am – 3:00pm

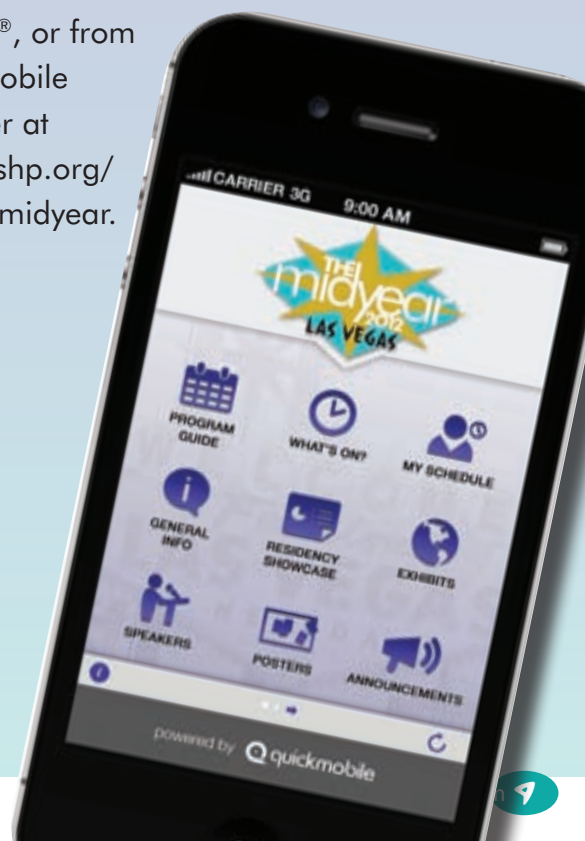
**Wi-Fi Access**

Mandalay Bay South Convention Center offers complimentary Wi-Fi access in the windowed alcove areas on Levels 2 & 3. To ensure fast speeds for all attendees, please limit your usage to 15 minutes.

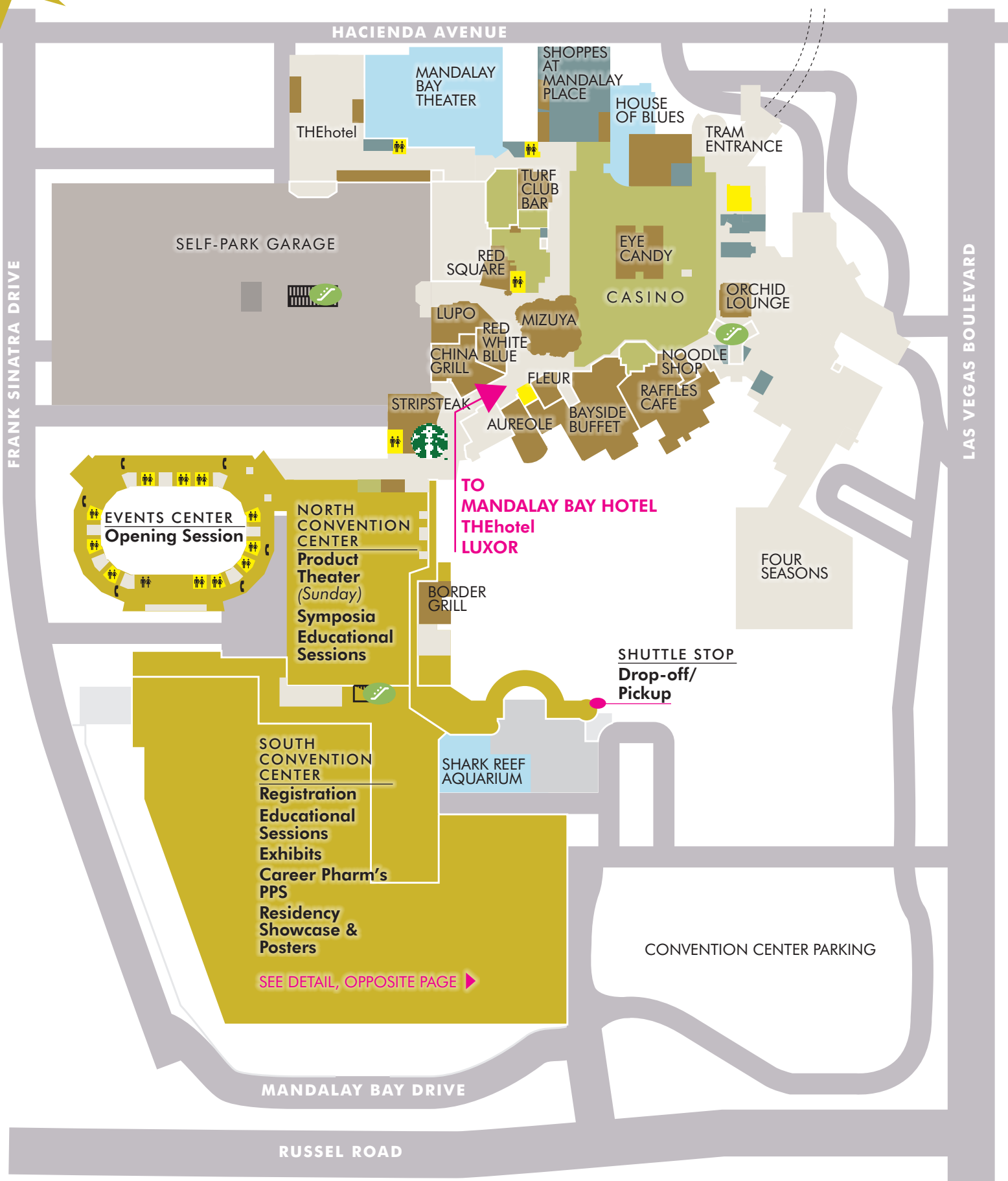
# mobile midyear app

**NEW AND IMPROVED!**

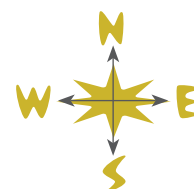
Get the most out of The Midyear with your smartphone or tablet. Users can create their own custom schedule, see What's On Now, browse the exhibits, receive timely announcements, view handouts, and much more. Available for Android™ and iPhone®, or from your mobile browser at [www.ashp.org/mobilemidyear](http://www.ashp.org/mobilemidyear).



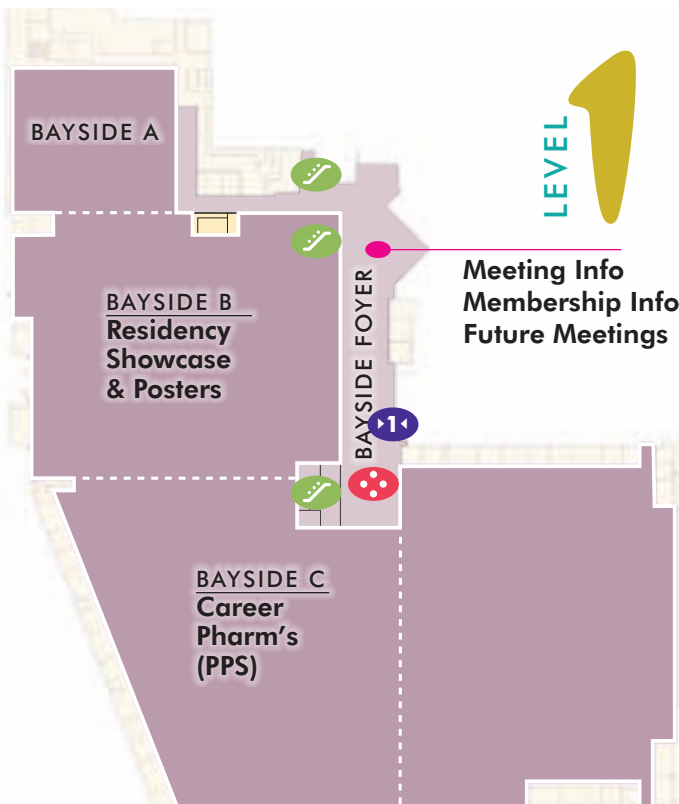
# where is...



# MANDALAY BAY SOUTH CONVENTION CENTER



LEVEL 1



WiFi



Escalator



Network  
Connections  
Station



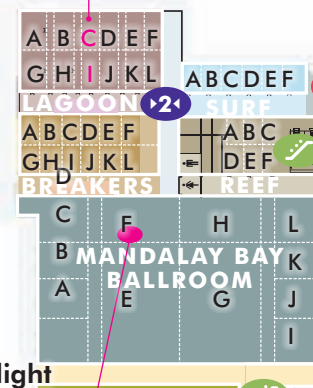
Recharging  
Stations

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

Registration  
Exhibits  
Educational  
Sessions

LEVEL 2

Overflow  
Room



Scan&Go, Self  
Registration  
Bookstore  
Network  
Connections 4  
(starting Tues.)

Staffed &  
Exhibitor  
Registration  
Customer  
Relations

Spotlight  
on Safety  
Wednesday  
Evening Event  
Thursday  
Luncheon

SHORELINES AB  
EXHIBITS

Overflow  
Room

LEVEL 3

Educational  
Sessions

ORLANDO WELCOMES BACK

THE AMERICAN SOCIETY OF HEALTH-SYSTEM PHARMACISTS IN 2013!

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

Visit Orlando®  
Orange County Convention Center



Visit Orlando  
OrlandoMeetingInfo.com

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**



Experience  
**ANAHEIM**  
ORANGE COUNTY  
—It's So California—



Why wear a LANYARD when you can wear BEADS?

**It's NEW ORLEANS**   
You're different here.

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.

 American Society of Health-System Pharmacists  
TOGETHER WE MAKE A GREAT TEAM



## Mandalay Bay Welcomes Back ASHP in 2016

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

 **MANDALAY BAY™**  
RESORT AND CASINO, LAS VEGAS

## 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](mailto: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

continues >

# Your outlook just got sunnier

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/phorcass](http://www.ashp.org/phorcass)



**PhORCAS**<sup>™</sup>  
Pharmacy Online Residency Centralized Application Service



## education information

self-appraisal or plan. For more information go to <http://connect.ashp.org/midyear2012/Education/GeneralEducationInformation>.

### 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](http://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.

### 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.

# Dynamic changes are coming

## Keeping track of your Continuing Pharmacy Education credits is about to get much easier!

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](http://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.***



# MEETING-AT-A-GLANCE

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

DECEMBER

## 1 saturday

- ▶ **CE Program**
- ▶ **Special Event**
- ▶ **Networking Session**
- OC **Ambulatory Care Session**



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

DECEMBER

## 2 sunday



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

SUNDAY CONTINUES >

TIME	SESSION/EVENT	ROOM	PAGE	CE CODE
12:30pm – 2:00pm	► <b>Cardiology</b>	Jasmine B, Level 3	48	
12:30pm – 2:00pm	► <b>Hematology/Oncology</b>	Jasmine F, Level 3	48	
12:30pm – 5:00pm	► <b>The ASHP Federal Forum</b> <i>Viva Federal Pharmacy: The Future is Now</i>	Mandalay Bay L, Level 2	54	— — — — —
1:00pm – 2:00pm	<b>New and Prospective Pharmacy Technician Training Program Directors and Instructors Meeting</b>	Lagoon G, Level 2	46	
1:00pm – 2:00pm	<b>Applying for Residency Accreditation— Finding the Pathway and Taking the Right Steps</b>	Palm A, Level 3	46	
1:00pm – 2:00pm	<b>ResiTrak Update 2012</b>	Banyan C, Level 3	46	
1:00pm – 3:50pm	<b>Clinical Skills Competition Final Round Presentations</b>	Breakers E, Level 2	41	
1:00pm – 4:00pm	► <b>State Affiliate Volunteer Conference</b>	Lagoon F, Level 2	26	
1:30pm – 3:00pm	► <b>Making Students Indispensable: Involving Students in Patient Care Roles</b>	Level 2 Mandalay Bay D,	54	— — — — —
1:30pm – 3:00pm	► <b>Medication Informatics — Measuring Success</b>	Lagoon H, Level 2	48	
2:00pm – 3:00pm	<b>New Pharmacy Technician Training Standard: Open Forum</b>	Lagoon G, Level 2	46	
2:00pm – 3:00pm	<b>Transition of Care: Future Residency Opportunities?</b>	Banyan C, Level 3	46	
2:00pm – 4:00pm	► <b>More Creative Techniques to Engage Your Audience in Active Learning</b>	Mandalay Bay B, Level 2	55	— — — — —
2:00pm – 5:00pm	► <b>Satellite Symposia</b>	See Listing	83	— — — — —
2:00pm – 5:00pm	► <b>Ambulatory Care Intensive Study B</b>	Islander Ballroom F, Lower Level, <b>North Conv Ctr</b>	33	
2:30pm – 4:00pm	► <b>Psychopharmacy/Neurology</b>	Jasmine B, Level 3	48	
2:30pm – 4:00pm	► <b>Women's Health</b>	Lagoon L, Level 2	49	
2:30pm – 4:00pm	► <b>Immunology/Transplant</b>	Jasmine F, Level 3	49	
3:00pm – 5:30pm	<b>Residency Program Directors and Preceptors Town Hall &amp; PhORCAS update</b>	South Seas J, Level 3	46	
5:00pm – 7:00pm	► <b>ASHP Foundation Donor Match Reception</b>	South Pacific D, Lower Level, <b>North Conv Ctr</b>	27	
5:30pm – 7:00pm	► <b>ASHP Best Practices Award in Health-System Pharmacy Poster Reception</b>	Islander Ballroom G, Lower Level, <b>North Conv Ctr</b>	27	
5:30pm – 7:00pm	<b>Awards Ceremony and Student Society Showcase</b>	Mandalay Bay H, Level 2	41	
5:30pm – 8:00pm	► <b>Satellite Symposia</b>	See Listing	83	— — — — —



TIME	SESSION/EVENT	ROOM	PAGE	CE CODE
6:15am–8:30am	▶ <b>Satellite Symposia</b>	See Listing	83	— — — — —
6:30am–9:00am	<b>Veterans Affairs Residency Open Forum</b>	Banyan C, Level 3	46	
7:30am–9:00am	▶ <b>340B Program Update: Transitioning from Access to Integrity</b>	Mandalay Bay D, Level 2	55	— — — — —
7:30am–5:00pm	<b>CareerPharm's PPS</b>	Bayside C, Level 1	6	
8:15am–9:15am	<b>Student Posters</b>	Bayside B, Level 1	87	
9:30am–11:00am Events Center	★ ▶ <b>Opening Session and Keynote</b>	Mandalay Bay	28	
11:00am–3:00pm Level 2	▶ <b>EXHIBIT PROGRAM</b>	Shoreline AB,	6	
11:15am–12:15pm	▶ <b>Pharmacy Technician Meet and Greet Networking Session</b>	Jasmine B, Level 3	27	
<b>cc</b> 11:15am–12:15pm	▶ <b>Current Issues for Ambulatory Care Pharmacists: Provider Status, Collaborative Practice, Health-Homes, and Billing for Services</b>	Lagoon H, Level 2	49	
11:15am–12:15pm	▶ <b>IV Workflow Software – Implementation and Change Management</b>	Mandalay Bay D, Level 2	49	
11:15am–12:15pm	▶ <b>Clinical/Quality Dashboards and the Business Case for Pharmacy Services</b>	Jasmine F, Level 3	49	
11:15am–12:30pm	▶ <b>ASHP-PAC Drug Shortages Victory Celebration</b>	Breakers E, Level 2	27	
11:15am–12:45pm	<b>ACPE Update 2012</b>	Banyan C, Level 3	55	
11:15am–12:45pm	▶ <b>Big Ideas for Small and Rural Hospitals</b>	Palm H, Level 3	49	
11:15am–12:45pm	▶ <b>Pharmacoeconomics and Drug Policy Development</b>	Mandalay Bay F, Level 2	50	
<b>cc</b> 11:15am–12:45pm	▶ <b>Pain Management</b>	Reef D, Level 2	50	
11:15am–12:45pm Level 2	▶ <b>Nutrition Support</b>	Mandalay Bay J,	50	
11:15am–12:45pm	▶ <b>Geriatrics</b>	Lagoon G, Level 2	50	
11:15am–12:45pm Level 2	▶ <b>Preceptor Skills Development</b>	Mandalay Bay L,	50	
11:15am–5:30pm	<b>Student Programming</b>	See Listing	50	
11:30am–12:30pm	<b>Student Posters</b>	Bayside B, Level 1	87	
11:30am–1:00pm	▶ <b>Task Force on Organizational Structure Town Hall Meeting</b>	South Seas B, Level 3	27	
11:30am–1:30pm	▶ <b>Midday Symposia</b>	See Listing	85	— — — — —
1:00pm – 4:00pm	<b>Residency Showcase</b>	Bayside B, Level 1	9	
1:30pm – 3:00pm	▶ <b>The Art of Precepting: It's Not as Easy as it Looks</b>	Banyan C, Level 3	55	— — — — —
2:00pm – 3:00pm	▶ <b>Process Improvement Essentials for Pharmacy Technicians</b>	South Seas H, Level 3	55	— — — — —
2:00pm – 3:30pm	▶ <b>The Emily Jerry Story: Lessons Learned from a Fatal Medication Error</b>	South Seas D, Level 3	55	— — — — —
2:00pm – 3:30pm	▶ <b>Pain, Sedation, and Delirium in the ICU: Cutting-Edge Updates</b>	Breakers C, Level 2	56	— — — — —

MONDAY CONTINUES &gt;

TIME	SESSION/EVENT	ROOM	PAGE	CE CODE
2:00pm – 3:30pm	► <b>Domo Arigato, Mr. Roboto: Advancing Technician Roles Through IV Room Technology &amp; Quality Assurance</b>	Mandalay Bay L, Level 2	56	— — — — —
2:00pm – 3:30pm	► <b>What is the Pharmacy Enterprise? A Framework for Success and for the Future of the Profession</b>	Reef D, Level 2	56	— — — — —
cc 2:00pm – 3:30pm	► <b>Expecting the Unexpected: Treatment of Opiate Dependence in Pregnancy</b>	South Seas J, Level 3	56	— — — — —
2:00pm – 4:00pm	► <b>Are You Prepared? Excelling in Joint Commission Surveys</b>	Mandalay Bay F, Level 2	56	— — — — —
2:00pm – 4:00pm	► <b>Safety &amp; Quality Pearls 2012</b>	South Seas E, Level 3	57	— — — — —
cc 2:00pm – 4:00pm	► <b>A 'Bloody' Debate — Which Agent is Best to Prevent Stroke in a Treatment Naive Atrial Fibrillation Patient?</b>	Mandalay Bay H, Level 2	57	— — — — —
2:00pm – 4:00pm	► <b>Update in Emergency Department Practice: Service Optimization &amp; Collaborative Practice</b>	Mandalay Bay D, Level 2	58	— — — — —
2:00pm – 4:00pm	► <b>Emerging Strategies for Neonatal Infections</b>	Mandalay Bay J, Level 2	58	— — — — —
2:00pm – 4:30pm	<b>Professional Posters</b>	Bayside B, Level 1	87	
2:00pm – 5:00pm	► <b>Perspectives on International Collaboration in Pharmacy Education</b> featuring the <b>Donald E. Francke Medal Lecture</b>	South Seas B, Level 3	58	— — — — —
3:00pm – 4:00pm	► <b>Optimizing Medication Safety: The Role of Pharmacy Technicians</b>	South Seas H, Level 3	58	— — — — —
cc 3:00pm – 5:00pm	► <b>How to Establish Specialty Pharmacy Services in Your Health System: Experience from the Field</b>	Mandalay Bay B, Level 2	59	— — — — —
cc 3:00pm – 5:00pm	► <b>Debates in Therapeutics 2012</b>	Lagoon K, Level 2	59	— — — — —
3:30pm – 5:00pm	► <b>Multi-Hospital Health System Pharmacy Leaders and Executives</b>	Reef D, Level 2	50	
3:45pm – 5:00pm	► <b>Replaced by Technology: Could the EMR Materially Reduce the Role of the Pharmacist?</b>	South Pacific D, Lower Level, <b>North Conv Ctr</b>	59	— — — — —
4:00pm – 5:00pm	► <b>Management Case Studies A: Parts 1 &amp; 2</b>	South Pacific J, Lower Level, <b>North Conv Ctr</b>	59	— — — — —
4:00pm – 5:00pm	► <b>Antimicrobial Safety: Spare the Kidneys</b>	South Pacific F, Lower Level, <b>North Conv Ctr</b>	60	— — — — —
cc 4:00pm – 5:00pm	► <b>Medical Marijuana: Rational Medicine or Potential Medication Misadventure?</b>	South Seas D, Level 3	60	— — — — —
4:00pm – 5:00pm	► <b>Transplant Pharmacy: Paving the Way to a Practice Model of Excellence</b>	Banyan C, Level 3	60	— — — — —
4:00pm – 5:00pm	► <b>Hitting the Trifecta: Improving Safety and Quality Without Breaking the Budget</b>	Mandalay Bay L, Level 2	60	— — — — —
cc 4:00pm – 5:00pm	► <b>Bring It On! Alternative Opinions on a Controversial Pain Topic</b>	Breakers C, Level 2	60	— — — — —
4:30pm – 5:00pm	► <b>Management Case Studies B</b>	South Seas J, Level 3	61	— — — — —
4:30pm – 5:00pm	► <b>Donald E. Francke Medal Lecture</b>	South Seas B, Level 3	27	
4:45pm – 5:45pm	<b>Community Pharmacy Residency Open Forum</b>	Lagoon H, Level 2	47	



MON

TIME	SESSION/EVENT	ROOM	PAGE	CE CODE
4:45pm – 5:45pm	<b>Regional Residency Conference Planners Meeting</b>	Palm C, Level 3	47	
5:15pm – 6:15pm	► <b>Medication Safety Issues and Best Practices</b>	South Pacific J, Lower Level, North Conv Ctr	51	
5:15pm – 6:15pm	► <b>Who's on First? Developing a Playbook for Optimizing Transitions of Care</b>	South Pacific D, Lower Level, North Conv Ctr	51	
5:15pm – 6:15pm	► <b>International Registrants Gathering and Reception</b>	Jasmine B, Level 3	28	
5:15pm – 6:30pm	► <b>Infectious Diseases</b>	South Pacific F, Lower Level, North Conv Ctr	51	
5:30pm – 7:30pm	► <b>Satellite Symposia</b>	See Listing	83	— — — — —

DECEMBER

# 4 tuesday

- **CE Program**
- **Special Event**
- **Networking Session**
- cc **Ambulatory Care**



TUESDAY

TIME	SESSION/EVENT	ROOM	PAGE	CE CODE
6:15am–7:45am	► <b>Satellite Symposia</b>	See Listing	84	— — — — —
cc 7:00am–8:00am	► <b>Home Infusion</b>	Palm H, Level 3	51	
7:30am–5:00pm	<b>CareerPharm's PPS</b>	Bayside C, Level 1	6	
8:00am–9:00am	► <b>Management Case Studies F: Parts 1 &amp; 2</b>	South Seas H, Level 3	61	— — — — —
cc 8:00am–9:00am	► <b>Is Natural Better? Nutraceuticals in the Treatment of Pain</b>	Reef D, Level 2	61	— — — — —
8:00am–9:15am	► <b>Productivity and Benchmarking: More than Just Doses Dispensed</b>	Breakers C, Level 2	61	— — — — —
8:00am–9:30am	► <b>PGY1s, PGY2s, and Students, Oh My! Tools for Effective Precepting and Training</b>	Mandalay Bay J, Level 2	62	— — — — —
cc 8:00am–9:30am	► <b>Critical Updates in Pediatrics, Part 1: Guidelines on UTI, Pneumonia, and Cardiovascular Risk</b>	Mandalay Bay B, Level 2	62	— — — — —
8:00am–10:00am	► <b>Innovations in Drug Information Practice and Research 2012</b>	Banyan C, Level 3	62	— — — — —
8:00am–10:00am	► <b>First Do No Harm: Prevention, Detection &amp; Management of Drug-Induced Diseases</b>	Mandalay Bay F, Level 2	62	— — — — —
8:00am–11:00am	► <b>Oncology Pharmacy Specialty Sessions 2012: Advanced Topics in Practice Part 1</b>	South Seas B, Level 3	63	— — — — —
8:00am–11:00am	<b>Residency Showcase</b>	Bayside B, Level 1	9	
cc 8:15am–9:15am	► <b>Hepatitis C in 2012: The Clinical Pharmacist's Role in Successful Treatment</b>	South Seas J, Level 3	63	— — — — —
8:30am–9:30am	► <b>Strategies for Reducing Anesthesia Medication Errors</b>	Mandalay Bay D, Level 2	64	— — — — —
9:00am–10:00am	<b>Ask the Pharmacy Residency Accreditation Surveyors Roundtable Discussion</b>	Lagoon H, Level 2	47	
9:00am–11:00am	► <b>Management Pearls 2012</b>	South Seas E, Level 3	64	— — — — —

TUESDAY CONTINUES >

TIME	SESSION/EVENT	ROOM	PAGE	CE CODE
9:00am–11:00am	▶ <b>Ambulatory Guideline Roulette: Place Your Bets</b>	South Seas D, Level 3	64	— — — — —
9:15am–11:00am	▶ <b>Success Strategies for Implementing an Electronic Health Record</b>	Mandalay Bay L, Level 2	65	— — — — —
9:30am–10:30am	▶ <b>Management Case Studies G: Parts 1 &amp; 2</b>	South Seas H, Level 3	65	— — — — —
9:30am–11:00am	▶ <b>Bet on Red: New Challenges and Therapies for Bleeding</b>	Mandalay Bay H, Level 2	65	— — — — —
9:30am–11:00am	▶ <b>What You Need to Know to Get Started: Opportunities in Medical Writing</b>	Reef D, Level 2	65	— — — — —
9:45am–11:00am	▶ <b>Immunizing Inpatients: Evidence Plus Effort Equals Optimization</b>	South Seas J, Level 3	66	— — — — —
10:00am–11:00am	▶ <b>Management Case Studies C: Parts 1 &amp; 2</b>	Mandalay Bay D, Level 2	66	— — — — —
10:00am–11:00am	▶ <b>Incorporating REMS into Your Daily Clinical Practice</b>	Mandalay Bay J, Level 2	66	— — — — —
10:00am–11:00am	▶ <b>Gram-Negative Infections and the Emergence of Resistance: Is One Drug Enough?</b>	Lagoon K, Level 2	66	— — — — —
11:00am–12:30pm	▶ <b>Advancing the Role of Pharmacy Technicians in Future Pharmacy Practice – The Role of CREST and Standardization</b>	Lagoon I, Level 2	51	
11:00am–3:00pm	<b>EXHIBIT PROGRAM</b>	Shoreline AB, Level 2	6	
11:15am–12:15pm	▶ <b>Developing Informal Leaders to Drive Practice Model Advancement</b>	Mandalay Bay D, Level 2	51	
11:15am–12:30pm	▶ <b>Ambulatory Care Pharmacist Reimbursement Opportunities: Hospital-Based, Physician-Based and Retail Pharmacy-Based</b>	Reef D, Level 2	52	
11:15am–12:30pm	▶ <b>The Pharmacist and Meaningful Use</b>	Palm H, Level 3	52	
11:15am–12:30pm	▶ <b>Special Poster Session</b> <i>Introducing an Emergency Pharmacist into Your Institution: An ASHP Patient Care Impact Program™ 2012</i>	Bayside Foyer, Level 1	87	
11:15am–12:45pm	▶ <b>Clinical Leadership</b>	Lagoon G, Level 2	52	
11:15am–12:45pm	▶ <b>Anticoagulation</b>	Mandalay Bay F, Level 2	52	
11:15am–12:45pm	▶ <b>Emergency Medicine</b>	Breakers C, Level 2	52	
11:30am–12:30pm	<b>Student Posters</b>	Bayside B, Level 1	87	
11:30am - 1:00pm	<b>BPS Open Hearing on Critical Care and Pediatric Pharmacy Specialty Petitions</b>	South Seas B, Level 3	28	
11:30am–1:00pm	<b>Pharmacy Forecast 2013-2017: Strategic Planning Advice for Pharmacy Departments in Hospitals and Health Systems</b>	Banyan C, Level 3	66	
11:30am–1:30pm	▶ <b>Midday Symposia</b>	See Listing	85	— — — — —
12:00pm – 1:30pm	▶ <b>Pharmacy Practice Experiences: Student and Preceptor Partnerships to Maximize the Interactions</b>	Lagoon H, Level 2	52	
1:00pm – 4:00pm	<b>Residency Showcase</b>	Bayside B, Level 1	9	
1:00pm – 5:30pm	<b>Student Programming</b>	See Listing	40	
2:00pm – 3:00pm	▶ <b>Clostridium Difficile Infections: New Drugs and New Strategies</b>	South Seas D, Level 3	68	— — — — —
2:00pm – 3:00pm	<b>Ask the Pharmacy Residency Accreditation Surveyors Roundtable Discussion</b>	Lagoon H, Level 2	47	



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TIME	SESSION/EVENT	ROOM	PAGE	CE CODE
2:00pm – 3:15pm	► <b>Are You Ready? Preparing and Responding to Codes</b>	Mandalay Bay D, Level 2	67	— — — — —
2:00pm – 3:30pm	► <b>Critical Roles for Certified Pharmacy Technicians in Practice Model Change</b>	South Seas J, Level 3	67	— — — — —
2:00pm – 3:30pm	► <b>Improving Patient Outcomes: Highlights from the ASHP-APhA Medication Management in Care Transitions Project</b>	South Seas E, Level 3	67	— — — — —
2:00pm – 3:30pm	► <b>Help, I Can't Afford My Drugs! Emerging Opportunities in Caring for Indigent Patients</b>	Banyan C, Level 3	67	— — — — —
2:00pm – 3:45pm	► <b>Advancing Pharmacy Practice &amp; Medication Safety Through Medical Device Integration</b>	Mandalay Bay L, Level 2	67	— — — — —
2:00pm – 4:00pm	► <b>Preparing for 2013 — Congress, Agencies, and the States: What's in Store for Health-System Pharmacy</b>	Mandalay Bay J, Level 2	68	— — — — —
2:00pm – 4:00pm	► <b>Clinical Pearls 2012</b>	Mandalay Bay H, Level 2	68	— — — — —
cc 2:00pm – 4:00pm	► <b>Soothing the Savage Beast: Vignettes in Complicated Pain Management</b>	Mandalay Bay F, Level 2	70	— — — — —
2:00pm – 4:30pm	<b>Professional Posters</b>	Bayside B, Level 1	87	— — — — —
cc 2:00pm – 5:00pm	► <b>Developing Ambulatory Care Clinical Services: Financial Incentives and Service Value</b>	Reef D, Level 2	70	— — — — —
2:00pm – 5:00pm	► <b>Oncology Pharmacy Specialty Sessions 2012: Advanced Topics in Practice Part 2</b>	South Seas B, Level 3	69	— — — — —
3:00pm – 4:00pm	► <b>Antibiotic Stewardship: Get on Board Before We Drown in Bacterial Resistance</b>	South Seas D, Level 3	68	— — — — —
3:00pm – 5:00pm	► <b>Corporate Pharmacy: Managing Pharmacy Across an Integrated Multi-Hospital Network</b>	Breakers C, Level 2	70	— — — — —
3:30pm – 5:00pm	► <b>Management Case Studies H: Parts 1, 2 &amp; 3</b>	South Seas H, Level 3	70	— — — — —
3:30pm – 5:00pm	► <b>Compounding Conundrums: Outsourcing Shortages, Clean Room Design, and Hazardous Drugs</b>	Lagoon K, Level 2	71	— — — — —
3:30pm – 5:00pm	► <b>Critical Updates in Pediatrics, Part 2: CHF, Cystic Fibrosis, and Traumatic Brain Injury</b>	Mandalay Bay B, Level 2	71	— — — — —
4:00pm – 5:00pm	► <b>Management Case Studies D: Parts 1 &amp; 2</b>	South Pacific D, Lower Level, North Conv Ctr	71	— — — — —
4:00pm – 5:00pm	► <b>Management Case Studies E: Parts 1 &amp; 2</b>	South Seas J, Level 3	72	— — — — —
cc 4:00pm – 5:00pm	► <b>Providing Care Beyond Cure: Transitioning Patients to Palliative Care</b>	Mandalay Bay F, Level 2	72	— — — — —
4:00pm – 5:00pm	► <b>Integrated Precepting: Maximizing Learning for Both Students and Residents</b>	Mandalay Bay L, Level 2	72	— — — — —
cc 4:00pm – 5:00pm	► <b>Therapy Updates: The Risks and Benefits of Immunosuppression in the Modern Era</b>	Banyan C, Level 3	72	— — — — —
4:00pm – 5:00pm	► <b>Crisis in Medical Mycology: The Urgent Need to Adjust Antifungal Breakpoints</b>	South Seas D, Level 3	68	— — — — —
4:45pm – 5:45pm	<b>Managed Care Residency Open Forum</b>	Breakers F, Level 2	47	— — — — —
5:15pm – 6:30pm	► <b>Critical Care</b>	Banyan C, Level 3	53	— — — — —
5:15pm – 6:30pm	► <b>Primary Care/Pharmacotherapy</b>	Lagoon H, Level 2	53	— — — — —
5:30pm – 7:00pm	► <b>Satellite Symposia</b>	See Listing	84	— — — — —
8:00pm – Midnight	<b>Students' Night Out</b>	<b>Cathouse Boutique Nightclub</b>	43	— — — — —

TIME	SESSION/EVENT	ROOM	PAGE	CE CODE
6:15am–7:45am	▶ <b>Satellite Symposia</b>	See Listing	84	— — — — —
7:30am–5:00pm	<b>CareerPharm's PPS</b>	Bayside C, Level 1	6	
8:00am–9:30am	▶ <b>Management Case Studies I: Parts 1, 2 &amp; 3</b>	Banyan C, Level 3	72	— — — — —
8:00am–9:30am	▶ <b>Management Case Studies L: Parts 1, 2 &amp; 3</b>	South Seas B, Level 3	73	— — — — —
CC 8:00am–9:30am	▶ <b>Case-Based Approach to Insulin Initiation and Intensification</b>	Reef D, Level 2	73	— — — — —
8:00am–9:30am	▶ <b>PPMI, IT, &amp; Automation: How to Develop a Medication-Use System Strategic Plan</b>	Mandalay Bay L, Level 2	74	— — — — —
8:00am–9:30am	▶ <b>A Compounding Tragedy - A National Response</b>	Breakers C, Level 2	73	— — — — —
8:00am–9:45am	▶ <b>Emergency Medicine Pearls 2012</b>	South Seas E, Level 3	74	— — — — —
8:00am–9:45am	▶ <b>Lytes Off in Vegas! The Acute Management of Potassium and Calcium Disorders</b>	Mandalay Bay B, Level 2	74	— — — — —
CC 8:00am–9:45am	▶ <b>Innovative Practice: Sustainable Approaches for Reducing 30-Day Hospital Readmissions</b>	Mandalay Bay J, Level 2	74	— — — — —
8:00am–9:45am	▶ <b>Transforming Care: Results from the Partnership for Patients Initiative</b>	South Seas J, Level 3	75	— — — — —
8:00am–9:45am	▶ <b>Residency Precepting: Strategies Worth Sharing</b>	Mandalay Bay D, Level 2	75	— — — — —
CC 8:00am–9:45am	▶ <b>Troubled Teen 101: Topics in Adolescent Psychiatry</b>	South Seas H, Level 3	75	— — — — —
8:00am–9:45am	▶ <b>From Drug Shortage to Order Entry Error to Device Failure: Managing a TPN Event in a Large Health System</b>	South Seas D, Level 3	75	— — — — —
CC 8:30am–9:30am	▶ <b>Resisting Inertia: Approaches to Managing Resistant Hypertension</b>	Lagoon K, Level 2	76	— — — — —
8:30am–9:30am	<b>Resident Posters</b>	Bayside B, Level 1	87	
10:00am–11:00am	▶ <b>Spotlight on Science — Nanotechnology in Medicine: How Very Tiny Solutions can Impact Big Problems</b>	Mandalay Bay F, Level 2	30	— — — — —
10:00am–11:00am	<b>Resident Posters</b>	Bayside B, Level 1	87	
11:00am–12:30pm	▶ <b>OR/Anesthesiology</b>	Lagoon G, Level 2	53	
11:00am–2:00pm	<b>EXHIBIT PROGRAM</b>	Shoreline AB, Level 2	6	
11:15am - 12:30pm	▶ <b>Informatics in Pharmacy Practice Experiences</b>	Lagoon H, Level 2	53	
11:30am–12:30pm	<b>Resident Posters</b>	Bayside B, Level 1	87	
11:30am–1:30pm	▶ <b>Midday Symposia</b>	See Listing	86	— — — — —
1:00pm – 2:00pm	<b>Resident Posters</b>	Bayside B, Level 1	87	
2:00pm – 3:00pm	▶ <b>Management Case Studies J: Parts 1 &amp; 2</b>	Banyan C, Level 3	76	— — — — —
2:00pm – 3:00pm	▶ <b>Strategies to Create a More Collaborative Workplace</b>	Mandalay Bay J, Level 2	76	— — — — —
CC 2:00pm – 3:30pm	▶ <b>The Tortoise and the Hare of Chronic Kidney Disease: Slowing Disease Progression</b>	Mandalay Bay L, Level 2	76	— — — — —
2:00pm – 3:30pm	▶ <b>2012 ASHP National Survey Results: Implications and Trends for Today's Practice</b>	South Seas H, Level 3	77	— — — — —
2:00pm – 3:30pm	▶ <b>Hot Topics in Emergency Medicine</b>	South Seas D, Level 3	77	— — — — —

TIME	SESSION/EVENT	ROOM	PAGE	CE CODE
2:00pm – 3:30pm	▶ <b>Top Ten Medication Safety Issues Related to Hospital Accreditation Standards</b>	Lagoon K, Level 2	77	— — — — —
cc 2:00pm – 3:45pm	▶ <b>Reimbursement 2013: Unique and Compelling Opportunities</b>	South Seas J, Level 3	77	— — — — —
cc 2:00pm – 4:00pm	▶ <b>Transitioning Through ADHD: Pharmacotherapeutic Management from Childhood to Adulthood</b>	Reef D, Level 2	77	— — — — —
2:00pm – 4:00pm	▶ <b>Informatics Pearls 2012: Bytes of Informatics</b>	South Seas E, Level 3	78	— — — — —
cc 2:00pm – 4:00pm	▶ <b>A Smooth Transition: Moving Pain Management from Here to There</b>	Mandalay Bay B, Level 2	78	— — — — —
2:30pm – 3:30pm	<b>Resident Posters</b>	Bayside B, Level 1	87	
2:30pm – 4:30pm	▶ <b>Evidence Based Approaches to Pharmacokinetic Dilemmas 2012</b>	Breakers C, Level 2	79	— — — — —
cc 3:00pm – 5:00pm	▶ <b>Beers, Antihypertensives, and Medical Home: An Update in Geriatric Practice</b>	South Seas B, Level 3	79	— — — — —
3:30pm – 4:30pm	▶ <b>Management Case Studies K: Parts 1 &amp; 2</b>	Banyan C, Level 3	79	— — — — —
3:30pm – 5:00pm	▶ <b>Driving Quality with Real-Time Dashboards</b>	Mandalay Bay J, Level 2	79	— — — — —
4:00pm – 5:00pm	▶ <b>Antimicrobial Dosing in Obesity: Finding the Holy Scale</b>	Mandalay Bay D, Level 2	80	— — — — —
4:00pm – 5:00pm	▶ <b>Antipsychotics for the Non-Psychiatric Pharmacist: Across the Ages</b>	South Seas H, Level 3	80	— — — — —
7:45pm – 10:00pm	▶ <b>Wednesday Evening Event</b> (ticket required)	Mandalay Bay F, Level 2	31	

## thursday

- ▶ **CE Program**  
▶ **Special Event**  
▶ **Networking Session**  
cc **Ambulatory Care**

TIME	SESSION/EVENT	ROOM	PAGE	CE CODE
cc 9:00am–11:00am	▶ <b>Hot off the Press... New Hypertension and Dyslipidemia Guidelines</b>	Mandalay Bay L, Level 2	80	— — — — —
9:00am–11:45am	▶ <b>Problem Solving 101: Why Going Back to Basics Yields Better Results</b>	Reef D, Level 2	80	— — — — —
cc 9:30am–11:30am	▶ <b>Strategies Worth Sharing: Practice Innovations</b>	Mandalay Bay J, Level 2	80	— — — — —
9:30am–11:30am	▶ <b>Controversial ICU Prophylactic Drug Therapies: Playing With a Royal Flush or Bluffing On a Busted Hand</b>	Mandalay Bay D, Level 2	81	— — — — —
12:05pm – 1:50pm	▶ <b>Thursday Networking Luncheon</b> (ticket required)	Mandalay Bay F, Level 2	31	
cc 2:00pm – 4:00pm	▶ <b>Advanced Topics: Treating Your Patient with Novel Oral Anticoagulants</b>	Mandalay Bay J, Level 2	81	— — — — —
2:15pm – 3:30pm	▶ <b>Frontline Pharmacists Make a Difference for Patients</b>	Mandalay Bay D, Level 2	81	— — — — —
2:15pm – 4:00pm	▶ <b>Office Anthropology: New Ways to Approach Team Conflict for Better Results</b>	Reef D, Level 2	81	— — — — —
2:30pm – 4:00pm	▶ <b>Optimizing Antimicrobial Therapy for Gram-Negative Infections</b>	Mandalay Bay L, Level 2	81	— — — — —

# SPECIAL EVENTS & ACTIVITIES

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

## 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

*The Quality Advocates Information Exchange is an informal meeting coordinated by ASHP's Practice Development Division to inform the attendees on ASHP's work on quality measures and performance 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](http://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](http://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.



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## 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 FIPeD, 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.

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 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](http://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.

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 Giustra 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.

## 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](http://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, FFIP**

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.

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# special events & activities

## 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

Mandalay 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.

7:45pm – 10:00pm

Mandalay Bay F, Level 2

▶ **Wednesday Evening Event**

**Featured Entertainer: Jeff Tracta...Celebrity Impressionist/Comedian/Singer**



See him first at The Midyear 2012! Jeff Tracta has become the most sought-after impressionist in the world today. With an array of over 100 spot-on impressions, Jeff pays tribute to over fifty years of music, comedy, and pop culture. From the most current music artists -- the Black Eyed Peas, Eminem, and Lady Gaga -- to legendary icons such as Bob Dylan, Billy Joel, and Elton John -- and comedy tributes including Adam Sandler, George Lopez, Joan Rivers, Ray Romano, Chris Rock, Jeff Foxworthy, and the entire cast of Family Guy -- Jeff's show has something for everyone. But Tracta takes impressionism to an entirely new level. Cutting-edge technology allows Jeff to transform himself into a galaxy of stars right in front of you. His multimedia experience is wowing audiences around the world.

*The Los Angeles Times* calls him, "Hilarious! A comic genius, Tracta is superb."

The show is designed as an after dinner event and final opportunity to have fun with colleagues and friends in a casual setting.

Doors open at 7:45pm. Show begins at 8:30pm.

**Ticket Info**

A ticket is required for entrance into the show and entitles the holder to one (1) free drink! A ticket is included in the full registration fee, one-day Wednesday/Thursday, and exhibitor registration. Additional tickets can be purchased at the Ticket Sales counter in the Registration area (Mandalay Bay Foyer, Level 2). **Tickets are \$30** and must be purchased no later than 3:00pm on Wednesday. There are no refunds for this event.

## 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.



# PRE-MEETING WORKSHOPS

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

**Unless otherwise noted, the following applies to all workshops:** Pre-registration required. On-site registration may not be available. Refreshments and lunch included for all **full-day** workshops unless otherwise noted.

## 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:

RLS A: PGY1 New Programs	Lagoon I, Level 2
RLS B: PGY1 Existing Programs	Lagoon L, Level 2
RLS C: PGY2 New and Existing Programs	Lagoon F, Level 2

#### Learning Objectives:

- ◆ 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.
- ◆ Identify elements of an effective residency quality improvement program, including preceptor development plans.

8:00am – 12:00pm

Lagoon H, Level 2

### ► 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.
- ◆ 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.

8:00am – 5:00pm

Mandalay Bay D, Level 2

### ► PharmPrep Live! A Board Review Workshop

**On-site Registration Fee: \$90**

**Faculty:** Lawrence J. Cohen, PharmD, BCPP, FASHP; Diane B. Ginsburg, MS, RPh, FASHP; Charles W. Jastram, Jr., PharmD, FASHP; James A. Karboski, PharmD; Jason M. Vaughn, PhD; John L. Woon, PharmD, FASHP

**Please note:** Lunch not included. Participants will receive a free 15-month access to ASHP's PharmPrep Online—a \$75 value! **Don't forget to bring a calculator!**

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.

## SUNDAY, DECEMBER 2

7:30am – 5:00pm

South Seas H, Level 3

### ► 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](http://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!

continues >

For presenter affiliations see Presenter Index

## SUPER SUNDAY: Ambulatory Care Review Course Intensives

9:30am – 12:30pm

Islander Ballroom F, Lower Level, North Convention Center

### ► Ambulatory Care Intensive Study A

ACPE PROGRAM #0204-9999-12-989-L01-P

3.0 CONTACT HOURS / APPLICATION-BASED

**Faculty:** Amie Taggart Blaszczyk, PharmD, CGP, BCPS, FASCP; Joel Marrs, PharmD, BCPS, AQ-Cardiology, CLS; Stuart Haines, PharmD, BCPS, BCACP

**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

Islander Ballroom F, Lower Level, North Convention Center

### ► Ambulatory Care Intensive Study B

ACPE PROGRAM #0204-9999-12-990-L01-P

3.0 CONTACT HOURS / APPLICATION-BASED

**Faculty:** Kelly Epplen, PharmD, BCACP; Ian McNicholl, PharmD, FCCP, BCPS (AQ-ID), AAHIVE; Mary Roederer, PharmD, BCPS

**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](http://www.ashp.org/certifications).

For more information on BPS' recertification requirements go to [http://www.bpsweb.org/pdfs/2012\\_Recertification\\_Guide.pdf](http://www.bpsweb.org/pdfs/2012_Recertification_Guide.pdf)

# pre-meeting workshops

## 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.



# GREAT EXPECTATIONS LIVE FOR NEW PRACTITIONERS

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

NEW PRACTITIONERS

# GREAT

LIVE

**SATURDAY, DECEMBER 1** –  
**SUNDAY, DECEMBER 2**

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.

## ► **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.

**South Seas B, Level 3**

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	<b>Networking Energy Break</b> 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



## ► **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.

South Seas E, Level 3	
8:00am–9:00am	Why a PIC isn't a PICC and Other Things You Should Know about Lines, Drains, and Tubes
9:15am–10:15am	Ensuring Your Future: Developing a New Practice or Expanding a Current One
10:30am–12:30pm	Stop the Bleeding: Updates in Hemophilia Management and Development of a Factor Stewardship Program
12:30pm–1:45pm	Lunch on Own
1:45pm–3:15pm	Superbugs! Clinical Controversies in the Management of Multiple-Drug Resistant Bacteria
3:15pm–3:30pm	<b>Networking Energy Break</b> 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!
3:30pm–5:00pm	 New Oral Anticoagulants: A Balancing Act Between Safety and Efficacy

South Seas B, Level 3	
8:00am – 9:30am	Drug Literature Evaluation: Beyond the Randomized Controlled Clinical Trial
9:45am–11:45am	Pain Management in the Critically-Ill
11:45am–1:00pm	Lunch on Own
1:00pm–3:00pm	Therapeutic Dilemmas in PK/PD, Pneumonia and Multi-Drug Resistance: Crossroads Between ID and ICU
3:00pm–3:15pm	<b>Networking Energy Break</b> 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	How to Recognize and Treat Drug-Induced Disorders Caused by Hypertonic Saline, Linezolid, and Other Medications

## **SATURDAY, DECEMBER 1**

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

ACTIVITY #204-000-12-302-L04P

LEVEL OF CONTENT: GENERAL INTEREST

1.25 CONTACT HOURS/APPLICATION-BASED

**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*

ACTIVITY #204-000-12-303-L04P

LEVEL OF CONTENT: GENERAL INTEREST

1.0 CONTACT HOURS/KNOWLEDGE-BASED

**Presenter:** 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*

ACTIVITY #204-000-12-304-L04P

LEVEL OF CONTENT: GENERAL INTEREST

1.0 CONTACT HOURS/APPLICATION-BASED

**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*

ACTIVITY #204-000-12-305-L04P

LEVEL OF CONTENT: GENERAL INTEREST

1.0 CONTACT HOURS/KNOWLEDGE-BASED

**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*

ACTIVITY #204-000-12-310-L04P

LEVEL OF CONTENT: INTERMEDIATE

1.5 CONTACT HOURS/KNOWLEDGE-BASED

**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

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

## ▶ Ensuring Your Future: Developing a New Practice or Expanding a Current One

*Planned in cooperation with the ASHP New Practitioners Forum*

ACTIVITY #204-000-12-306-L04P

LEVEL OF CONTENT: GENERAL INTEREST

1.0 CONTACT HOURS/KNOWLEDGE-BASED

**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.

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

## ▶ Pain Management in the Critically-Ill

*Planned in cooperation with the ASHP New Practitioners Forum*

ACTIVITY #204-000-12-311-L01P

LEVEL OF CONTENT: INTERMEDIATE

2.0 CONTACT HOURS/APPLICATION-BASED

**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

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

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

*Planned in cooperation with the ASHP New Practitioners Forum*

ACTIVITY #204-000-12-307-L04P

LEVEL OF CONTENT: INTERMEDIATE

2.0 CONTACT HOURS/KNOWLEDGE-BASED

**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*

ACTIVITY #204-000-12-312-L01P

LEVEL OF CONTENT: ADVANCED

2.0 CONTACT HOURS/APPLICATION-BASED

**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*

ACTIVITY #204-000-12-308-L01P

LEVEL OF CONTENT: ADVANCED

1.5 CONTACT HOURS/APPLICATION-BASED

**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 carbapenems 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

# ASHP PHARMACY STUDENT FORUM PROGRAMMING

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.

**Presenters:** **Thomas Achey, PharmD Candidate**, Auburn University, and Vice Chair, Pharmacy Student Forum Executive Committee, Helena, AL; **Thomas Lupton, PharmD Candidate**, University of Kansas, and Member, Pharmacy Student Forum Executive Committee, Lawrence, KS

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: South Seas J, Level 3**  
**Should I Do a Residency?**

**Presenter:** David Warner, PharmD, Associate Chief Pharmacy Officer, Duke University Hospital Department of Pharmacy, Durham, NC

**Residency Training 102: South Seas D, Level 3**  
**Navigating the Application Process**

**Presenter:** Sarah Boyd, PharmD, BCPS, Pharmacy Clinical Coordinator, St. John's Regional Medical Center, Joplin, MO

**1:00pm – 3:50pm Breakers E, Level 2**

► **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.

**1:30pm – 2:30pm South Seas D, Level 3**

► **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.

**Presenter:** Mary Hess, PharmD, FASHP, FCCM, FCCP, Associate Dean, Student Affairs, Jefferson School of Pharmacy, Thomas Jefferson University, Philadelphia, PA; **Lea Eiland, PharmD, BCPS, FASHP**, Associate Clinical Professor & Associate Department Head of Pharmacy Practice; Auburn University Harrison School of Pharmacy, Huntsville, AL

**2:30pm – 3:15pm South Seas D, Level 3**

► **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

**3:15pm – 4:45pm South Seas D, Level 3**

► **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](http://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, AAHIVP**, 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**, PGY2 Ambulatory Care Resident, University of Georgia and Charlie Norwood VA Medical Center, Athens, GA; **Saranyu Selvanathan, PharmD**, PGY1 Pharmacy Resident, Thomas Jefferson University Hospital, Philadelphia, PA; **Ryan Markham, PharmD**, PGY1 Resident, Oregon Health & Science University (OHSU) Hospitals and Clinics

**5:30pm – 7:00pm Mandalay Bay H, Level 2**

► **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

# pharmacy student forum programming

## 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, Pharm.D., 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 Forum Executive Committee, Lawrence, MA

Bayside B, Level 1

### Residency Showcase

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

## 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.*

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

**CATHOUSE**  
BOUTIQUE NIGHTCLUB



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.

# PROGRAMMING FOR SMALL & RURAL HOSPITAL PRACTITIONERS

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

## SUNDAY, DECEMBER 2

8:00am – 9:00am

Reef D, Level 2

### ▶ 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:** Lance W. Keilers, MBA

**Moderator:** Anthea Francis, RPh, PharmD, 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

Reef D, Level 2

### ▶ 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-L04T

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 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

Reef D, Level 2

### ▶ 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

Reef D, Level 2

### ▶ 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

Reef D, Level 2

### ▶ 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

## ► 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-L04P

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-L04P

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.

## 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!

## 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.

### 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

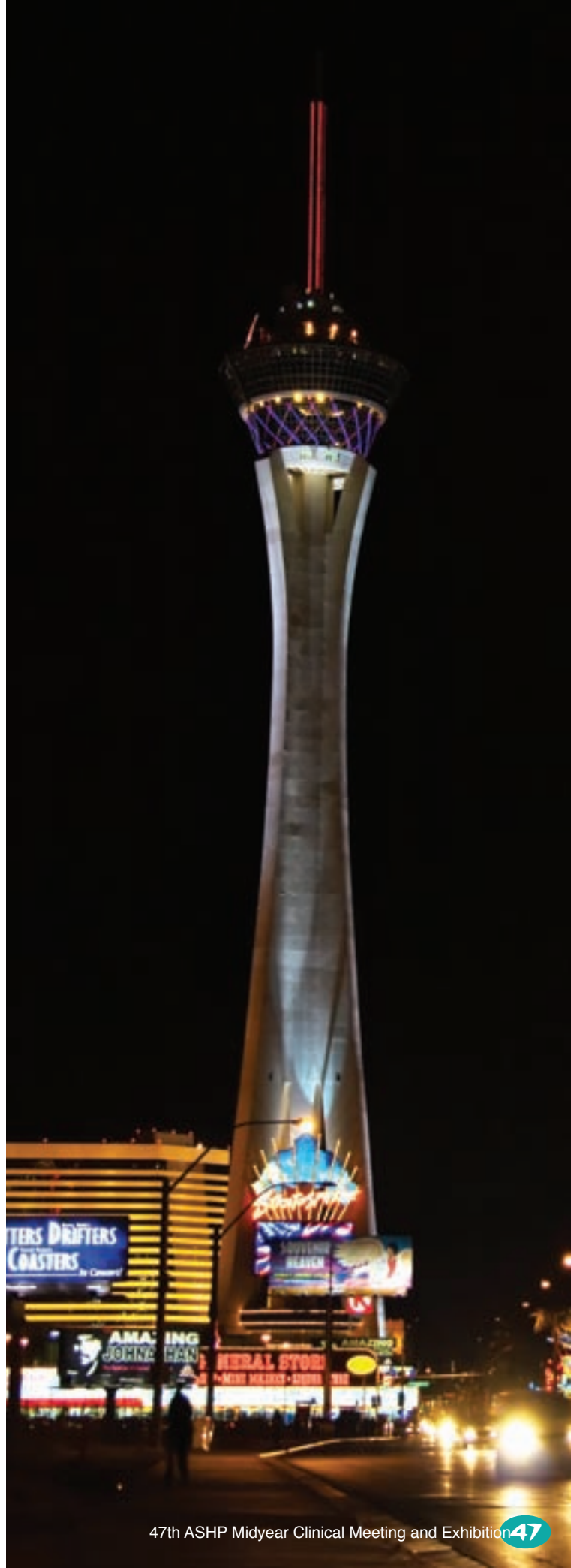
*(See above.)*

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.



# PHARMACY PRACTICE SECTIONS

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

 Sessions marked with this icon relate to ambulatory care.

## Networking Sessions

### SUNDAY, DECEMBER 2

12:00pm – 1:30pm Mandalay Bay B, Level 2

#### ▶ 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 Lagoon L, Level 2

#### ▶ 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 Jasmine B, Level 3

#### ▶ 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

Jasmine F, Level 3

#### ▶ 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

Lagoon H, Level 2

#### ▶ 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

Jasmine B, Level 3

#### ▶ 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

2:30pm – 4:00pm

Lagoon L, Level 2

## ► Women's Health

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

**Facilitator: Fancy G. Manton, PharmD**, Clinical Pharmacy Coordinator, Woman's Hospital, Baton Rouge, LA

### Discussion Topics:

- ◆ Drugs in Obstetrics (HIV, Contraception, and Labor Induction/Augmentation)
- ◆ Obstetrical Quality Initiatives (Reducing early elective inductions)
- ◆ Cardiovascular Disease in Women
- ◆ Menopause and Related Conditions

2:30pm – 4:00pm

Jasmine F, Level 3

## ► Immunology/Transplant

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

**Facilitator: Amy G. Krauss, PharmD, BCPS**, Clinical Pharmacy Specialist, Solid Organ Transplant, Methodist University Hospital, Memphis, TN

### Discussion Topics:

- ◆ Is Transplant on the path to becoming a BPS-certified specialty: an update?
- ◆ "Novel" drug distribution avenues: the case of Campath
- ◆ Immunosuppressant related REMs and recent labeling changes
- ◆ Generic tacrolimus and mycophenolate products: what has been your program's experience?
- ◆ Transplant Pharmacist Documentation: How is your program meeting CMS "requirements"

# MONDAY, DECEMBER 3

11:15am – 12:15pm

Mandalay Bay D, Level 2

## ► IV Workflow Software – Implementation and Change Management

*Networking Session Hosted by the Section of Pharmacy Informatics and Technology's Advisory Group on Pharmacy Operations Automation*

**Facilitators: Kavish Choudhary, PharmD, MS**, Director, Pharmacy Support Services, University of Utah Hospitals & Clinics, Salt Lake City, UT; **Brandon J. Ordway, PharmD, MS**, Pharmacy Operations Manager, St. Joseph's Hospital-HealthEast Care System, St. Paul, MN

### Discussion Topics:

- ◆ Quick overview of software
- ◆ Implementation and installation – tips for success
- ◆ Managing change for staff, focusing on technicians
- ◆ Assessment tools

11:15am – 12:15pm

Jasmine F, Level 3

## ► Clinical/Quality Dashboards and the Business Case for Pharmacy Services

*Networking Session Hosted by the Section of Pharmacy Practice Managers' Advisory Group on Pharmacy Business Management*

**Facilitator: Michael DeCoske, PharmD, BCPS**, Associate Chief Pharmacy Officer, Ambulatory Services, Duke University Hospital, Durham, NC

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.

### Discussion Topics:

- ◆ Current successful strategies, brainstorm new measures and discuss how to get them implemented
- ◆ Clinical quality dashboards currently used by member institutions
- ◆ Strategize how metrics can be used to develop and market new and existing pharmacy services

11:15am – 12:45pm

Palm H, Level 3

## ► Big Ideas for Small and Rural Hospitals

*Networking Session Hosted by the Section of Inpatient Care Practitioners' Advisory Group on Small and Rural Hospitals*

**Facilitator: Navy Chhay, PharmD**, Director of Pharmacy Services, Sauk Prairie Memorial Hospital & Clinics, Prairie du Sac, WI

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.

### Discussion Topics:

- ◆ The Role of Small and Rural Hospitals in Advancing Non-traditional Residency Programs
- ◆ C-suite Buy-in to Fund Clinical Pharmacy Services in Rural Institutions

11:15am – 12:15pm

Lagoon H, Level 2



## ► Current Issues for Ambulatory Care Pharmacists: Provider Status, Collaborative Practice, Health-Homes, and Billing for Services

*Networking Session Hosted by the Section of Ambulatory Care Practitioners' Advisory Group on Clinical Practice Advancement*

**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

### Discussion Topics:

- ◆ Share the most current information about the quest for pharmacist provider status
- ◆ Identify opportunities for pharmacists within health-home models of care and Accountable Care Organizations

continues &gt;

# pharmacy practice sections networking sessions

- ◆ Discuss Medicare Wellness Visits as a novel service provided by health-system pharmacists
- ◆ Share ideas about different billing methods for pharmacist-provided visits
- ◆ Discuss updates to state collaborative practice acts that allow for expanded scope of services within ambulatory care

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

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. Filibeck, 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

# pharmacy practice sections networking sessions

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?
- ◆ Teambuilding, 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 rationale 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?

5:15pm – 6:30pm

Banyan C, Level 3

## ► Critical Care

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

**Facilitator: Stacey Folse, 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

5:15pm – 6:30pm

Lagoon H, Level 2

## ► 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



# EDUCATION CE SESSIONS

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

**CC** Sessions marked with this icon relate to ambulatory care.

**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.

## SUNDAY, DECEMBER 2

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

**CC**

### ► 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

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 #204-000-12-327-L04P/204-000-12-327-L04T

LEVEL OF CONTENT: GENERAL INTEREST

1.0 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/204-000-12-328-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

2:00pm – 4:00pm

Mandalay Bay B, Level 2

## ▶ 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 Farbstein, 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 #204-000-12-289-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)



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 Couldry, 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 Couldry, 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/APPLICATION-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

 Sessions marked with this icon relate to ambulatory care.

**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 (Nar)can: 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

2:00pm – 4:00pm

Mandalay Bay H, Level 2



## ► A 'Bloody' Debate - Which Agent is Best to Prevent Stroke in a Treatment Naive Atrial Fibrillation Patient?

ACTIVITY #204-000-12-250-L01P

LEVEL OF CONTENT: ADVANCED

2.0 CONTACT HOURS/APPLICATION-BASED

**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 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 Reznick, 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 Segraves, 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, BS Pharm, 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

**Pro Anti-Xa,** James B. Groce, III, PharmD

**Rebuttals,** Andrew Smith, PharmD; James B. Groce, III, PharmD

### Vitamin D Weekly or Daily Meekly?

**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/Application-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

ACTIVITY #204-000-12-352-L04P

LEVEL OF CONTENT: GENERAL INTEREST

0.5 CONTACT HOURS/KNOWLEDGE-BASED

**Presenters:** Mandy C. Leonard, PharmD, BCPS; Katie L. Stabi, PharmD, BCPS

### Learning Objectives:

- ◆ Describe a process that can be implemented to ensure all REMS requirements for a medication are addressed.
- ◆ Explain the benefit of identifying a REMS coordinator in a health system.
- ◆ List potential roadblocks to the implementation of a REMS program.

4:00pm – 5:00pm

South Pacific F, Lower Level,  
North Convention Center

## ▶ Antimicrobial Safety: Spare the Kidneys

ACTIVITY #204-000-12-206-L01P

LEVEL OF CONTENT: ADVANCED

1.0 CONTACT HOURS/APPLICATION-BASED

**Presenter:** 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?

ACTIVITY #204-000-12-220-L01P

LEVEL OF CONTENT: ADVANCED

1.0 CONTACT HOURS/KNOWLEDGE-BASED

**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

*Planned in cooperation with the American Society of Transplantation Pharmacist Community of Practice*

ACTIVITY #204-000-12-246-L04P

LEVEL OF CONTENT: INTERMEDIATE

1.0 CONTACT HOURS/KNOWLEDGE-BASED

**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

Mandalay Bay L, Level 2

## ▶ Hitting the Trifecta: Improving Safety and Quality Without Breaking the Budget

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

ACTIVITY #204-000-12-270-L05P

LEVEL OF CONTENT: INTERMEDIATE

1.0 CONTACT HOURS/KNOWLEDGE-BASED

**Program Chair/Moderator:** Molly Billstein Leber, 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. Cabie, 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

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

ACTIVITY #204-000-12-280-L01P

LEVEL OF CONTENT: INTERMEDIATE

1.0 CONTACT HOURS/KNOWLEDGE-BASED

**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-L04P

LEVEL OF CONTENT: GENERAL INTEREST

0.5 CONTACT HOURS/KNOWLEDGE-BASED

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

**Moderator:** *Chelsea Sealey, 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-L04P/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**

ACTIVITY #204-000-12-361-L04P/204-000-12-361-L04T

LEVEL OF CONTENT: GENERAL INTEREST

0.5 CONTACT HOURS/KNOWLEDGE-BASED

**Presenters:** *Denice L. Duda, MHA, RN, CPHQ; Jennifer V. Gillespie, PharmD, MBA; Melinda D. Sawyer, MSN, RN, CNS-BC*

**Learning Objectives:**

- ◆ Describe steps in the stat medication order process that can be removed to decrease waste.
- ◆ Explain the benefits of automated dispensing cabinets (ADCs) as a means to help decrease missing medications and improve turnaround time.
- ◆ Identify lessons learned from an interdisciplinary observational study effort to improve the stat medication process.

8:00am – 9:00am

Reef D, Level 2



► **Is Natural Better? Nutraceuticals in the Treatment of Pain**

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

ACTIVITY #204-000-12-204-L01P

LEVEL OF CONTENT: INTERMEDIATE

1.0 CONTACT HOURS/KNOWLEDGE-BASED

**Program Chair/Moderator:** *Jennifer Rosselli, PharmD, BCPS*

**Learning Objectives:**

- ◆ Given specific patient cases, identify natural products used in the treatment of common pain disorders.
- ◆ Summarize mechanism, dosing, efficacy, and safety concerns of nutraceuticals used in pain management.
- ◆ Identify references containing quality information pertaining to complementary and alternative therapies.

**Nutraceutical Treatment of Peripheral Neuropathy and Arthritis,** *Jennifer Rosselli, PharmD, BCPS*

**Nutraceutical Treatment of Headache and Acute Musculoskeletal Pain; CAM Resources,** *Julie P. Karpinski, PharmD, BCPS*

8:00am – 9:15am

Breakers C, Level 2

► **Productivity and Benchmarking: More than Just Doses Dispensed**

*Planned in cooperation with the ASHP Section of Pharmacy Practice Managers*

ACTIVITY #204-000-12-260-L04P

LEVEL OF CONTENT: INTERMEDIATE

1.25 CONTACT HOURS/KNOWLEDGE-BASED

**Program Chair/Moderator:** *Jay P. Rho, PharmD, FASHP*

**Learning Objectives:**

- ◆ Describe the different types of metrics used in clinical development.
- ◆ Define methods for ensuring the metrics chosen are both valid and relevant.
- ◆ Describe current challenges in collecting cognitive productivity measures in clinical pharmacy services.
- ◆ Identify components of the automated productivity tool applicable for their institution.

**Strategies for the Development of Clinical Productivity Metrics and Benchmarks,** *Jay P. Rho, PharmD, FCCP, FASHP*

**Automating Productivity Metrics of Clinical Pharmacy Services,** *Tanya Y. Barnhart, PharmD, BCPS*

8:00am – 9:30am

Mandalay Bay J, Level 2

### ▶ **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*

8:00am – 9:30am

Mandalay Bay B, Level 2



### ▶ **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 pharmaceutical care.
- ◆ 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*

8:00am – 10:00am

Banyan C, Level 3

### ▶ **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; Priti N. Patel, PharmD, BCPS; Christopher Mason, DO*

8:00am – 10:00am

Mandalay Bay F, Level 2

### ▶ **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*

For presenter affiliations see Presenter Index

## 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 – 9:00am

### ▶ 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.



### ▶ 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

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 CONTACT 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 CONTACT 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 Alerted: 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 CONTACT HOURS/APPLICATION-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 population.
- ◆ 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.
- ◆ 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, MS, 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.
- ◆ Describe the development and implementation of the centralized order processing project.
- ◆ Describe the monitoring process for centralized order processing.

## 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.

- ◆ Describe the steps to include in implementation of a clinical pharmacy practice model initiative.
- ◆ Describe methods to align incentives with senior leadership to ensure successful implementation of a clinical pharmacy practice model.

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.

**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-L04T

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.

**Opportunities in Medical Communications,** Lana Vegman, PharmD

**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

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-L05T

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 Zellmer, 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.

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 Gullickson, PharmD, FASHP*

**Einstein Healthcare Network: Medication REACH program,** *Deborah Hauser, RPh, MHA; Mariel Sjeime, PharmD*

**Project PRIMED: Pharmacist Reconciliation of Medications and Education at Discharge,** *Anne Szulcowski, 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*

continues >

**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*

2:00pm – 5:00pm

South Seas D, Level 3

### An Afternoon of Infectious Diseases

2:00pm – 3:00pm



#### Clostridium Difficile Infections: New Drugs and New Strategies

ACTIVITY #204-000-12-253-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 #204-000-12-255-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. Wiederhold, 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.

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*

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*

**Monthly Menstrual Migraine Miniprophylaxis: An Alliterative New Role for Triptans?** *Sarah L. Anderson, PharmD, BCPS*

**Lithium Toxic Patients: The SILENT Type,** *Jonathan G. Leung, PharmD*

**Getting to the Heart of the Matter: Citalopram,** *Steven C. Stoner, PharmD, BCPP*

**Chad on CHA2DS2-VASc: A Novel Stroke Risk Assessment Tool in Atrial Fibrillation,** *Chad Coulter, PharmD*

**Pentoxifylline: It's Not Just for Claudication Anymore!** *Timothy Reilly, PharmD, BCPS*

**Insulin U-500: Why is it so Hard to Concentrate,** *Matthew Strum, PharmD, BCACP*

**What to Testify When You're Testifying: A Primer for Pharmacists Serving as Expert Witnesses,** *Gary Milavetz, BS, PharmD*

**Don't Hold the Salt...Impact of Hyponatremia on Growth in Infants Receiving Adequate Calories,** *Kathleen M. Gura, PharmD, BCNSP, FASHP*

**Baby Vaccine Blues,** *Amy Holmes, PharmD*

**Lyse to Live: Alteplase for Pulmonary Embolism Associated Cardiac Arrest,** *Sarah Nelson, PharmD, BCPS*

**Myth-Busting Auto-Anticoagulation,** *Brian Watson, PharmD, BCPS*

**Stumped with an Enoxaparin Anti-Xa Level? Consult Your Pharmacist!** *Jenna Huggins, PharmD, BCPS*

2:00pm – 5:00pm

South Seas B, Level 3

## 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** 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.

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.

2:00pm – 4:00pm

Mandalay Bay F, Level 2

**► 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

2:00pm – 5:00pm

Reef D, Level 2

**► 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.

- ◆ Discuss financial incentives available by payors for established clinics with collaborative drug therapy management (CDTM).

**Needs Assessment and Business Proposal with HIT,** Kelly T. Epplen, PharmD, BCACP

**Strategic Planning and Clinical Expansion with HIT,** Amy L. Stump, PharmD, BCPS

**Financial Value and Sustainability with HIT,** Sandra Leal, PharmD, FAPhA

**Financial Incentives with HIT,** Betsy Bryant Shilliday, PharmD, CDE

3:00pm – 5:00pm

Breakers C, Level 2

**► 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

3:30pm – 5:00pm

South Seas H, Level 3

**► 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 Holtan, 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.

3:30pm – 5:00pm

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 out-sourced 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*

3:30pm – 5:00pm

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-L01P

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 (Kalydeco™) 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*

4:00pm – 5:00pm

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.

4:00pm – 5:00pm South Seas J, Level 3

### ► 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 assessment of medication and allergy histories performed by pharmacy technicians.

4:00pm – 5:00pm Mandalay Bay F, Level 2



### ► 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/APPLICATION-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

4:00pm – 5:00pm Mandalay Bay L, Level 2

### ► 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.

**Integrating Learners into Practice,** Shaunta' M. Ray, PharmD, BCPS

**Expanding the Role of Learners in Patient Care,** Sarah Nisly, PharmD, BCPS

4:00pm – 5:00pm Banyan C, Level 3



### ► 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

## WEDNESDAY, DECEMBER 5

8:00am – 9:30am Banyan C, Level 3

### ► 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 #204-000-12-368-L04P/204-000-12-368-L04T

LEVEL OF CONTENT: GENERAL INTEREST

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 #204-000-12-369-L04P

LEVEL OF CONTENT: GENERAL INTEREST

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

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

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

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

Reef 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

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

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.

8:00am – 9:30am Mandalay Bay L, Level 2

### ▶ **PPMI, IT, & Automation: How to Develop a Medication-Use System Strategic Plan**

ACTIVITY #204-000-12-299-L04P/204-000-12-299-L04T

LEVEL OF CONTENT: INTERMEDIATE

1.5 CONTACT HOURS/APPLICATION-BASED

**Program Chair:** Allen Flynn, PharmD

**Moderator:** Mike J. Wisz, MBA

#### **Learning Objectives:**

- ◆ Describe what is included in the outline of a medication-use system strategic plan for pharmacy.
- ◆ Apply medication-system automation and information technology to the medication-use cycle in your organization.
- ◆ Explain how enabling technologies can facilitate practice model advancement in key focal PPMI areas of telepharmacy, mobile workflow, pharmacist documentation and continuity of care.

**Big Picture View of Medication-Use Systems,** Mike J. Wisz, MBA

**What's in a Medication-Use System Strategic Plan,** Mike J. Wisz, MBA

**Setting Your Medication-Use System Plan Objectives,** Cedric A. Terrell, PharmD

**How to Build Support for Your Plan,** Cedric A. Terrell, PharmD

**Tech-Enabled Practice Model Advancement Opportunities,** Cedric A. Terrell, PharmD

8:00am – 9:45am South Seas E, Level 3

### ▶ **Emergency Medicine Pearls 2012**

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

ACTIVITY #204-000-12-234-L01P

LEVEL OF CONTENT: GENERAL INTEREST

1.75 CONTACT HOURS/KNOWLEDGE-BASED

**Program Chair/Moderator:** Daniel Hays, PharmD, BCPS

#### **Learning Objectives:**

- ◆ Discuss clinical practice in the Emergency Department.
- ◆ Explain applications of clinical pharmacotherapy in the Emergency Department.
- ◆ Discuss how to apply clinical pharmacotherapy to unique circumstances and clinical presentations.

**Attack of the Killer Migraine! Droperidol to the Rescue!** Megan Musselman, PharmD, BCPS

**Intranasal Midazolam,** Kimberly Glasoe, PharmD

**[Don't] Take My Breath Away: The Role of Glucagon in Acute Asthma Exacerbation,** Nadia I. Awad, PharmD

**The Use of Richmond Agitation Sedation Scale (RASS) for Alcohol Withdrawal Assessment in the Emergency Department,** Lauren Elizabeth King, PharmD

**Heart to Heart: Recognizing Undiagnosed Congenital Heart Disease in the ED,** Leah M. Hatfield, PharmD, BCPS

**Alternative Dosing of Adenosine: Does Size Really Matter?** Daniel H. Jarrell, PharmD

**Propofol for Alcohol Withdrawal Syndrome: Imitation is the Sincerest Form of Flattery,** Darrel W. Hughes, PharmD, BCPS

**Ebbing the Flow in Trauma-Induced Coagulopathy,** Brittany R. T aylor, PharmD

**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 Reznick, 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

8:00am – 9:45am Mandalay Bay B, Level 2

### ▶ **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

8:00am – 9:45am Mandalay Bay J, Level 2



### ▶ **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*

8:00am – 9:45am

South Seas J, Level 3

## ▶ **Transforming Care: Results from the Partnership for Patients Initiative**

ACTIVITY #204-000-12-266-L05P/204-000-12-266-L05T

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 Holliday*

**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*

8:00am – 9:45am

Mandalay Bay D, Level 2

## ▶ **Residency Precepting: Strategies Worth Sharing**

ACTIVITY #204-000-12-271-L04P

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*

8:00am – 9:45am

South Seas H, Level 3



## ▶ **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*

8:00am – 9:45am

South Seas D, Level 3

## ▶ **From Drug Shortage to Order Entry Error to Device Failure: Managing a TPN Event in a Large Health System**

ACTIVITY #204-000-12-284-L05P/204-000-12-284-L05T

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

### Implementation of Resource Conservation Recovery Act (RCRA) Hazardous Pharmaceutical Waste Disposal Practices

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.

## Hazardous Medication Handling: Implications for Pharmacy Compounding and Identification of Alternative Therapies

ACTIVITY #204-000-12-371-L03P/204-000-12-371-L03T

LEVEL OF CONTENT: GENERAL INTEREST

0.5 CONTACT HOURS/KNOWLEDGE-BASED

**Presenters:** Kathryn Clark McKinney, PharmD, BCPS; Michael W. Cunningham, PharmD

### Learning Objectives:

- ◆ Identify characteristics that would lead to the classification of a medication as hazardous.
- ◆ Differentiate between the health-systems Level 1 and Level 2 hazardous medications.
- ◆ Discuss the systems methodology for identification of alternatives to avoid disruption of solid dosage formulations of hazardous medications outside of pharmacy.

2:00pm – 3:00pm

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

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/204-000-12-224-L04T

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.

continues >

**Introduction to ADHD Pharmacotherapy and Considerations,** *David Fuentes, PharmD, BCPP*

**Recommendations for Adding a Second Agent Differentiating (Comparing and Contrasting) Between Childhood and Adulthood Symptoms of ADHD,** *Clayton D. English, PharmD, BCPP*

**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,** *Burl 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 Noonkester, 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*

2:30pm – 4:30pm

Breakers C, Level 2

## ► Evidence Based Approaches to Pharmacokinetic Dilemmas 2012

ACTIVITY #204-000-12-227-L04P

LEVEL OF CONTENT: INTERMEDIATE

2.0 CONTACT HOURS/APPLICATION-BASED

**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 Cockcroft-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 Ensom, PharmD, FCCP, FASHP

3:00pm – 5:00pm

South Seas B, Level 3



## ► Beers, Antihypertensives, and Medical Home: An Update in Geriatric Practice

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

ACTIVITY #204-000-12-226-L04P

LEVEL OF CONTENT: INTERMEDIATE

2.0 CONTACT HOURS/APPLICATION-BASED

**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

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

ACTIVITY #204-000-12-372-L04P/204-000-12-372-L04T

LEVEL OF CONTENT: GENERAL INTEREST

0.5 CONTACT HOURS/KNOWLEDGE-BASED

**Presenters:** Lindsay Hovestreydt, PharmD, BCPS; Ruchi Tiwari, PharmD, MS

### 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

ACTIVITY #204-000-12-373-L04P/204-000-12-373-L04T

LEVEL OF CONTENT: GENERAL INTEREST

0.5 CONTACT HOURS/KNOWLEDGE-BASED

**Presenters:** David Hardy, MS; Richard Paul, RPh; Craig A. Pedersen, PhD, FAPhA

### 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.

3:30pm – 5:00pm

Mandalay Bay J, Level 2

## ► Driving Quality with Real-Time Dashboards

*Planned in cooperation with the ASHP Section of Pharmacy Practice Managers*

ACTIVITY #204-000-12-298-L04P

LEVEL OF CONTENT: INTERMEDIATE

1.5 CONTACT HOURS/KNOWLEDGE-BASED

**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

## 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/APPLICATION-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.

- ◆ Identify how clinical trials evidence support recommendations in the JNC 8 and NCEP ATP 4 guidelines.
- ◆ Evaluate therapy that effectively implements new JNC 8 and NCEP ATP 4 guidelines.

**Overview of CVD and Hypertension Guidelines,** Joseph J. Saseen, PharmD, BCPS, FASHP

**Dyslipidemia Guidelines,** Joel C. Marrs, PharmD, BCPS

9:00am – 11:45am

Reef D, Level 2

### ► Problem Solving 101: Why Going Back to Basics Yields Better Results

ACTIVITY #204-000-12-293-L04P/204-000-12-293-L04T

LEVEL OF CONTENT: GENERAL INTEREST

2.75 CONTACT HOURS/APPLICATION-BASED

**Presenter:** Leslie A. Stein, BS

Many individuals and organizations jump right into brainstorming solutions before they've clearly identified the problem. This may lead to solutions that aren't as strong as they could be or worse yet, total failure. Come hear about the most overlooked steps in problem solving, why doing them could help you bypass failure, & how to turn around the projects that feel like they've got failure knocking at the door like the Grim Reaper.

#### Learning Objectives:

- ◆ Identify the most overlooked steps in problem solving.
- ◆ Apply one 4-step problem solving approach to current issues they face in their projects and/or teams.
- ◆ Utilize activities and examples they will see demonstrated in the session to help resolve issues on their own teams.

9:30am – 11:30am

Mandalay Bay J, Level 2



### ► Strategies Worth Sharing: Practice Innovations

*Planned in cooperation with the ASHP Sections, Forums, and PPMI Joint Coordination Committee*

ACTIVITY #204-000-12-228-L04P/204-000-12-228-L04T

LEVEL OF CONTENT: GENERAL INTEREST

2.0 CONTACT HOURS/KNOWLEDGE-BASED

**Program Chair/Moderator:** Jennifer M. Edwards-Schultz, PharmD, FASHP

#### Learning Objectives:

- ◆ Identify and describe methods utilized to highlight which PPMI recommendations receive priority and resources.
- ◆ Describe common barriers that affect PPMI advancement.
- ◆ Identify and recommend effective strategies utilized to implement PPMI recommendations.

**The Electric Slide from Inpatient to Outpatient,** Timothy Brown, PharmD, BCACP, FASHP

**A Team-Based Approach to Pharmacy Practice Model Development,** John S. Clark, PharmD, MS, FASHP

**Pharmacy Tech Advancement: Facilitation of Prior Authorization Process and Patient Assistance Programs,** Scott B. Silverstein, MS, RPh

**We want YOU! A Discussion of How Informatics Pharmacists Impact PPMI and Vice Versa,** Kevin C. Marvin, MS, FHIMSS, FASHP

**Evolution of Providing Consistent Clinical Services,** Rita Shane, PharmD, FCSHP, FASHP

For presenter affiliations see Presenter Index

**Your Student is Doing What?! PPMI with APPEs**, Ashley M. Overy, PharmD

**From Defense to Offense: PPMI from the Frontlines**, Audrey Kennedy, PharmD, BCPS

9:30am – 11:30am

Mandalay Bay D, Level 2

## ▶ **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

2:00pm – 4:00pm

Mandalay Bay J, Level 2



## ▶ **Advanced Topics: Treating Your Patient with Novel Oral Anticoagulants**

ACTIVITY #204-000-12-241-L01P

LEVEL OF CONTENT: ADVANCED

2.0 CONTACT HOURS/APPLICATION-BASED

**Program Chair/Moderator:** Maureen Smythe, PharmD, FCCP

### **Learning Objectives:**

- ◆ Compare and contrast dabigatran, rivaroxaban and apixaban therapy for stroke prevention in patients with atrial fibrillation.
- ◆ Discuss strategies for peri procedural management with the newer agents.
- ◆ Explain the impact of renal dysfunction of the safety and efficacy of the newer agents.
- ◆ Outline considerations for transitions of care and patient education.
- ◆ Discuss approaches to and limitations of laboratory monitoring with newer agents.

**Patient Case**, Maureen Smythe, PharmD, FCCP

**Differentiating New Oral Anticoagulants for Stroke Prevention**, Edith Nutescu, PharmD, FCC

**Renal Impairment and Laboratory Monitoring: What Clinicians Should Know**, Maureen A. Smythe, PharmD, FCCP

**Optimizing Transitions of Care**, Lynda J. Thomson, PharmD, FCCP

2:15pm – 3:30pm

Mandalay Bay D, Level 2

## ▶ **Frontline Pharmacists Make a Difference for Patients**

ACTIVITY #204-000-12-247-L04P

LEVEL OF CONTENT: INTERMEDIATE

1.25 CONTACT HOURS/KNOWLEDGE-BASED

**Program Chair/Moderator:** Shekhar Mehta, PharmD, MS

### **Learning Objectives:**

- ◆ Identify four evidence-based domains where frontline pharmacists can directly improve patient care and clinical outcomes.
- ◆ Examine specific clinical activity and outcome measures to improve glycemic control in your diabetic patients.
- ◆ Discuss strategies to efficiently and effectively implement the use of these metrics to exceed patient care and organizational leadership goals.

**Accountability: Why Pharmacists? Why Now?** Mary A. Andrawis, PharmD, MPH

**Clinical Analysis and Metric Dashboards for Diabetes**, Janet M. Carmichael, PharmD, BCPS

**Quality Measure Domains and Families**, Shekhar Mehta, PharmD, MS

2:15pm – 4:00pm

Reef D, Level 2

## ▶ **Office Anthropology: New Ways to Approach Team Conflict for Better Results**

ACTIVITY #204-000-12-294-L04P/204-000-12-294-L04T

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 peoples' 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 from 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.

2:30pm – 4:00pm

Mandalay Bay L, Level 2

### ▶ 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

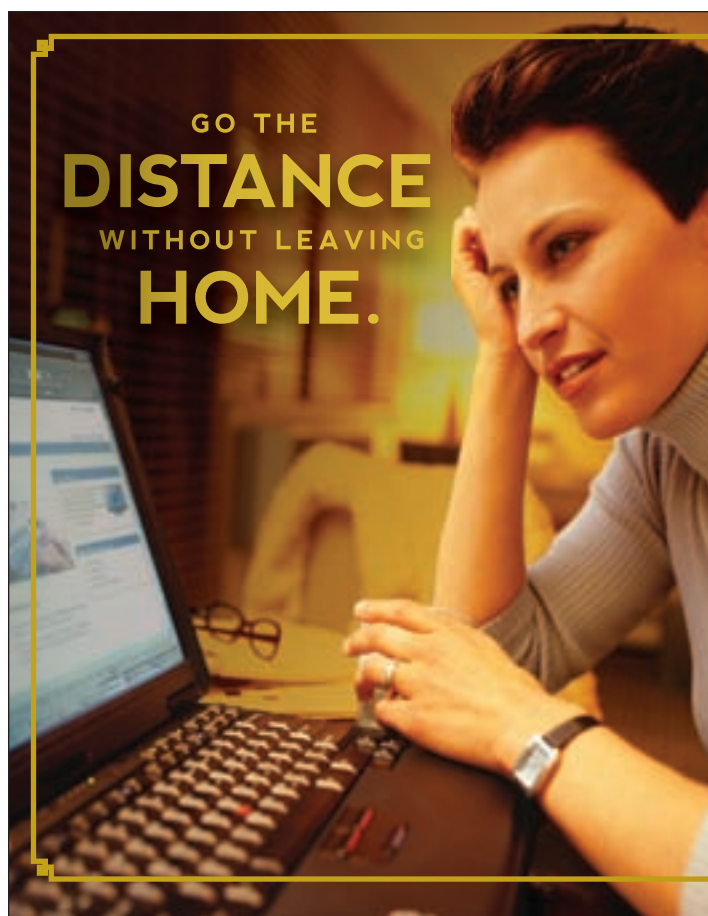
**Program Chair/Moderator:** Douglas Slain, PharmD, BCPS, FASHP

#### 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



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# INDUSTRY-SUPPORTED SYMPOSIA

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, 201-799-4832; 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 Ciszkeski, 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

Supported by AstraZeneca. Contact Rebecca Weaver, Creative Educational Concepts, Inc.; 859-260-1717. **CE Provider:** Creative Educational Concepts, Inc.

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

Supported by Baxter Healthcare Corporation. Contact Rachel Cohen, ISMP; 215-947-7797. **CE Provider:** Educational Review Systems, Inc.

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; 301-664-8653. **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 tthompson@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

11:30am - 1:30pm

Islander I

► **The 2012 Landscape of I.V. Medication Safety: Processes, Tools, and Training (Available via Live Webcast)**

Supported by Hospira, Inc. Contact Kristi Hofer, ASHP Advantage; 301-664-8773. **CE Provider:** American Society of Health-System Pharmacists

11:30am - 1:30pm

Islander G

► **Challenges in Managing Acute Bleeding in Patients with Hemophilia (Available via Live Webcast)**

Supported by Novo Nordisk Inc. Contact Carla Brink, ASHP Advantage; 301-664-8825. **CE Provider:** American Society of Health-System Pharmacists

## WEDNESDAY, DECEMBER 5

11:30am - 1:30pm

South Pacific D

► **Health IT and Hospital Pharmacy: The Time Is Now (Also Available via Live Webinar)**

Supported by Hospira. Contact Gail Townley, ProCE, Inc.; 630-540-2848. **CE Provider:** ProCE, Inc.



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# POSTER PRESENTATIONS

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>.

## Poster Hall

Bayside B, Level 1

### ► Professional and ASHP Fellows Posters\*

Monday, December 3	2:00pm – 4:30pm
Tuesday, December 4	2:00pm – 4:30pm

\*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
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### ► 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

11:15am – 12:30pm

Bayside Foyer, Level 1

### Special Poster Session

***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

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<b>Kaur, Rajbir</b>	Tuesday	5-255
<b>Kiser, Jessica</b>	Tuesday	5-260
<b>Ling, Hua</b>	Tuesday	5-264
<b>Lopatto, Jessica</b>	Tuesday	5-280
<b>Lu, Jackie</b>	Tuesday	5-287
<b>Luder, Heidi</b>	Tuesday	5-275
<b>Luther, Megan</b>	Tuesday	5-282
<b>Morrill, Haley</b>	Tuesday	5-281
<b>Rosenwasser, Rebecca</b>	Tuesday	5-256
<b>Schnur, Evan</b>	Tuesday	5-289
<b>Shah-Mohammadi, Ali-Reza</b>	Tuesday	5-278
<b>Thompson, Nathan</b>	Tuesday	5-290
<b>Villanueva, Mara</b>	Tuesday	5-266
<b>Wilson, Tiffany</b>	Tuesday	5-262
<b>Yeste_Gomez, Ines</b>	Tuesday	5-283
<b>Zasowski, Evan</b>	Tuesday	5-274

Monday, December 3

2:00pm – 4:30pm

**Categories:** Administrative Practice /Financial Management / Human Resources, Ambulatory Care, Automation Informatics, Chronic/Managed Care, Clinical Services Management, 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

## Administrative Practice / Financial Management / Human Resources

### Session-Board#

- 3-001 **Development and implementation of a drug shortage mitigation strategy for a regional health system**, Gerry Migaki, Steve Stoner, Elva Van devender, Linh Nguyen
- 3-002 **Importance of safety stock in pharmacy inventory management with drug shortages**, Mila Albert, Isabel Sanvanson, Sharon Aaron
- 3-003 **Quantifying the impact of drug shortages at a university hospital**, Rachel Elsey, Malia Manning, Tomie Ann Boackle, Tom Comer
- 3-004 **Reliability of an approach to resident selection interviews**, Todd Gundrum, Michael Peeters, Michelle Serres
- 3-005 **Implementation of the serving leadership practice model in a community hospital inpatient pharmacy department**, Dawn Wiemer, Jason Milner
- 3-006 **CMS reimbursement of drug waste: a quantitative analysis at one medical center**, Carlos Marin, Patrick Curtin
- 3-007 **Resident practice management project focusing on the implementation of a mobile medication system at a rural VA**, Karen McDougall, Bonnie Walno
- 3-008 **A study of stress and coping strategies in Lebanese pharmacy students**, Marwan Akel, Jihan Safwan, Rama Srouf, Ali Baydoun
- 3-009 **Establishing a network pharmaceutical sourcing position**, Skip Hickman
- 3-010 **Wholesaler conversion: strategies for success**, Margaret Clapp
- 3-011 **Utilization of informatics systems to leverage cost reduction initiatives**, Lindsay Hovestreydt, Ruchi Tiwari
- 3-012 **Developing a post graduate year two health system pharmacy administration residency program**, Megan McIntyre

- 3-013 **Pharmacy residency program director approaches to assessing applicants' communication and interpersonal skills**, Allison Butts, Kelly Smith
- 3-014 **Under-reporting of interventions made by pharmacists in a community hospital setting**, Jason Glowczewski, Melissa Ruminski, Mate Soric, Rachael Lerman
- 3-015 **Incorporation of interview skills training into experiential student rotations**, Julia Glowczewski
- 3-016 **Hospital employee prescription costs may be reduced by using a transparent PBM**, Marc Sweeney, Rebecca Grant
- 3-017 **Exposing wholesaler prime vendor contracts: Lessons learned by a diverse member network**, Craig Pedersen, Richard Paul, Glenn Adams, Penny Reher, Leslie Hanson
- 3-018 **Development and implementation of objective performance measures for pharmacy technicians**, Jonathan Williams, Samuel Calabrese

## Ambulatory Care

- 3-019 **Pharmacist interventions in a heart failure transitions clinic**, Maileah Nguyen
- 3-020 **Case report of a unique drug-drug interaction with an oral contraceptive and lamotrigine**, Dhiren Patel, David Schnee, Jennifer Goldman-Levine
- 3-021 **Effectiveness of gemfibrozil versus fish oil in lowering triglycerides in patients currently on background simvastatin therapy**, Haley Morrill, Christine Huber, Bradley Peterson
- 3-022 **Utilization of oral anticoagulation selection criteria for patients in a warfarin clinic**, Terri Marxen
- 3-023 **Impact of clinical pharmacists' recommendations on a proton pump inhibitor taper protocol in an ambulatory care practice**, Andrew Bundeft, Kathy Zaiken, Gary Tataronis
- 3-024 **Case report of dysgeusia secondary to metformin therapy**, David Schnee, Dhiren Patel, Jennifer Goldman-Levine
- 3-025 **Impact of group diabetes education classes on diabetes knowledge, program satisfaction and clinical parameters**, Azita Zaer, Renu Singh, Panteha Kelly, Jan Hirsch, Yelena Wood
- 3-026 **Impact of pharmacist involvement on chronic obstructive pulmonary disease management in patient aligned care teams**, Adrianna Garcia, Rachel Burke, Michaela Hrdy, Ly Nguyen
- 3-027 **Effects of insulin injection site on short-term glycemic control in adult patients with type 2 diabetes mellitus: a prospective clinical case series**, Jozef R. Beckley, Daniel Longyshore

- 3-028 **Delivering culturally appropriate care to optimize medication use in the elderly**, Thomas Buckley, Mary Scully
- 3-029 **Adherence rates and outcomes of patients prescribed dabigatran at a Veterans Affairs medical center**, Pei-Yu Lee, Sora Han, Randell Miyahara
- 3-030 **Evaluation of primary care provider pharmacist run shared medical appointments for patients with diabetes**, Reisel Berger, Lorraine Wang, Jennifer Chen
- 3-031 **Assessment of the use of clopidogrel associated with gastroprotective medications in outpatients**, Mariana Cappelletti Galante, Valter Garcia Santos, George Wasington Bezerra da Cunha
- 3-032 **Dabigatran etexilate: prescribing practice, safety, adherence, and patient satisfaction in ambulatory patients**, Melissa Lo, Paula Brown, Artemis Diamantouros
- 3-033 **Evaluation of colchicine therapy using facility-approved restrictions at VA Central Iowa Healthcare System**, Jenny Vander Schoor, Karmen Jorgensen, Allison Berkland, Noelle Johnson, Rachel Digmann
- 3-034 **Constipation management in Lebanese community pharmacies**, Marwan Akel, Jihan Safwan
- 3-035 **Assessment of group-based diabetes education using the medication conversation map in the veteran population**, Andrea Walter, Julie Stading, Yongyue Qi
- 3-036 **Implementation of dabigatran use in a rural VA setting**, Amy Doten, Iman Badawy
- 3-037 **Activities and impact of a clinical pharmacist in a patient-centered medical home (PCMH) practice within an integrated healthcare system: a three-month review**, Angela Leahy, Maureen Lloy Groux, Steven Smith, Denis Ishisaka, David Hickman
- 3-038 **Implementation of contract pharmacy services in a hospital outpatient hemophilia and thrombosis center utilizing the 340B drug pricing program**, Andrew Langley, Christine Collins, Edward Aberger, Tracey Wallace, Geoffrey Allen
- 3-039 **Evaluating time in therapeutic range of warfarin patients self testing with point of care (POC) devices**, Tanya Shepard, Jason Bandy, Teresa Kwong, Veronica Bandy, Lin Wan
- 3-040 **Evaluation of differences in percent of INRs in range between pharmacist-led and physician-led anticoagulation management service (AMS)**, Vasudha Gupta, Sarah Thompson, Stephen Kogut
- 3-041 **Impact of pharmacist education and/or medication reconciliation on proton pump inhibitor use post discharge**, Meagan Brown, Megan Crete, Robert Dufresne, Bradley Peterson
- 3-042 **Outcome of a standardized conversion protocol in veteran patients receiving simvastatin and gemfibrozil**, Molly Haselden, Thomas Worrall, Dorothy Jenrette
- 3-043 **Expanded outpatient pharmacist role in preventive care and chronic condition monitoring**, Kathryn Ring, Scott Shattuck, Sandra Dahl, Nancy Lee
- 3-044 **The impact of collaboration between clinical pharmacists and nurse care managers on diabetic patients with hemoglobin A1c above 9%**, Vivian Lian, Shirley Chao, Phillip Chiao
- 3-045 **Implementation of pharmacy medication therapy management (MTM) services in the patient aligned care team (PACT) model and the impact on dyslipidemia**, Allison Berkland, Rachel Digmann, Richard Douglas, Karmen Jorgensen, Noelle Johnson
- 3-046 **Telequit CRAVES: counseling referrals and abstinence for veterans enrolled in smoking cessation**, Ivy Tonnu-Mihara, Grant Kim, Thao Nguyen
- 3-047 **Pharmacist analysis of a quality improvement registry to identify possible interventions in a patient centered medical home**, Courtney Jarvis, Matthew Silva, Stephanie Conway
- 3-048 **Comparison of efficacy and tolerability between niacin extended-release and sustained-release niacin after formulary conversion**, Connie Nguyen, Yong Moon, Mike Juzba, Josephine Tran
- 3-049 **Evaluation of the maintenance of glycemic control in veterans discharged from a pharmacist-managed diabetes clinic**, Charity Anicete, Seema Kapadia, Mansi Patel, Anthony Tardi
- 3-050 **Evaluation of outcomes of two anticoagulation management services**, Sara Dadayan, Holly Chiu
- 3-051 **Patient satisfaction with liver clinic health care providers during hepatitis C virus management**, Michelle T. Martin, Donna M. Faber
- 3-052 **Retrospective review of vitamin D levels, supplementation, and early virological response in hepatitis C genotype 1 patients on dual and triple medication therapy**, Michelle T. Martin, Elzbieta Starzycka, Patrick Zueger, Krystyna Khopta, Alexander B. Chew
- 3-053 **Use of over-the-counter medications and dietary supplements among elderly in the Lebanese population**, Aline Saad, Marwan Akel

## Automation / Informatics

- 3-054 **Implementing a downtime contingency plan for carousel dispensing technology (CDT) in a community hospital inpatient pharmacy**, Teresa Blakely, Melissa Frank, Steve Carlson
- 3-055 **Evaluating the implementation of drug monograph decision support software for warfarin critical drug interactions**, Lindsay Holte, Maureen Boro, Audrey Lee, J Ben Davoren
- 3-056 **Pharmacists use of iPads to facilitate decentralized pharmacy services**, Tsingyi Koh-Pham, Crystal Tom, Peter Lutz, Alana Arnold, Al Patterson
- 3-057 **Continued analysis of smart pump safety software implementation: evaluation of soft and hard limits for medications**, Suzanne Gettys, Shea Polk, Clint Shadinger, Maury Donovan

- 3-058 **Automated computer alerts to improve warfarin prescribing and monitoring among hospitalized patients**, Jamie Smelser, Michele Fang, Jeffrey Wilson, Boulous Nassar, Ryan Hobbs
- 3-059 **Pharmacists and technicians receive the medical products storage temperature log in pharmacy automatically by using e-mail system**, Tetsuya Murase, Hiroaki Ikeda, Yongxin Shen, Satoru Izumitani, Kenji Kihira
- 3-060 **Reduction of pharmacy technician dispensing errors through utilization of bar code scanning at the point of delivery to automated dispensing cabinets (BADC)**, Erin Taylor, Shawn Roggie, Mark Heelon
- 3-061 **Impact of technology on student perceptions in higher learning**, Michael Kendrach, Scott Keith

## Chronic / Managed Care

- 3-062 **Efficacy of angiotensin-receptor blockade versus converting enzyme inhibition in delaying progression of macroalbuminuria in type two diabetes mellitus**, Bahia Chahine, Nancy Nasser, Etwal Bou Raad, Diana Malaeb
- 3-063 **Economic Burden of cardiometabolic disorders associated with comonly-used atypical antipsychotics among patients with schizophrenia in the U.S.**, Mariam Hassan, Shien Guo, Luis Hernandez, Julia Green, Vamsi Bollu

## Clinical Service Management

- 3-064 **Creating a role for pharmacy externs in an antimicrobial stewardship program**, John Benson, Camille Mingo-Aguilar, Karen Brainard
- 3-065 **Pharmacy practice change: moving in the right direction**, Alla Belovsky, Nilam Gandhi, Carolyn Woodley, Ellen Rudnick, Mark Sinnett
- 3-066 **Creation of a patient registry to track performance of clinical pharmacy services added to a hospital diabetes self-management training/education program**, Charlene Hope, Izabella Wentz
- 3-067 **Development and implementation of a vancomycin collaborative practice agreement at a community hospital**, David Morris, Christopher Carlisle, Pete Van Aarle, Robb Dengg, Carrie Dunford
- 3-068 **Impact of a pharmacist on HCAHPS Performance Measures**, Kate O'Dell, Matthew J. Serna
- 3-069 **Implementation of the pharmacy practice model initiative (PPMI) in a community hospital and the pharmacists role in heart failure hospital quality measures and readmission rates**, Frank Rigelsky, Michael A. Jakubec
- 3-070 **Assessment of the 4 Ts scoring system to predict the likelihood of positive antibody-titer for heparin-induced thrombocytopenia (HIT) as a screening tool in adult inpatients in a community hospital**, Ramadas Balasubramanian, Scott Perkins, Ashish Patel, Sridhar Pal, Santosh Gopalakrishnan
- 3-071 **Impact on pharmacist interventions by implementing pharmacy practice model changes**, Ed Rainville, Jerry Storm, Vern Johnson, Mike Hawley

## Drug Information

- 3-072 **Bioterrorism drill collaboration between drug information centers and the Alabama Department of Public Health**, Wesley Lindsey, Maisha Kelly Freeman, John Hooper, Charles Thomas
- 3-073 **Assessment of attitudes toward the iPad and patterns of use among pharmacy faculty members**, Peter Hughes, Jeffrey Kyle, Logan Norman
- 3-074 **Creation of a peer reviewed drug information frequently asked questions database for internal use in a health care system pharmacy**, Katie Stabi, Mandy Leonard, Janine Douglas, Matthew Miller
- 3-075 **Trends in drug recalls in pharmaceutical manufacturers in Japan**, Takuya Ishida, Takafumi Naito, Takashi Osawa, Kasumi Yamakawa, Junichi Kawakami
- 3-076 **Chronic obstructive pulmonary disease (COPD): inhalation technique and information about drug treatment effects - a task for clinical pharmacists?**, Helena Marjanovic, Jolene Henriksen

## Drug-Use Evaluation

- 3-077 **Meperidine medication use evaluation for 2 to 3 days of therapy**, Rosebel Efejuku, Pamela Murphy, Nancy Chapman, Yi Wang
- 3-078 **Evaluation of the appropriateness of dabigatran use and follow-up events**, Sara Koenig, Evelyn Hermes-DeSantis
- 3-079 **Clinical and economic evaluation of rivaroxaban for prophylaxis of venous thromboembolism in patients undergoing total hip or knee replacement surgery with implications for the MassHealth budget**, Amanda Tulolo, Amanda Slowinski, Jennifer Espiritu, Jennifer Weiner, Ian Fitts
- 3-080 **Assessing benzodiazepines use and dispensing procedures in a Lebanese community pharmacy**, Rony Zeenny, Lydia Sholy, Antoine Gebrayel, Pia Mhanna
- 3-081 **Evaluation of hypoglycemia after implementation of a revised insulin protocol**, Leigh Anne Hylton Gravatt, Amanda Dubil
- 3-082 **Evaluation of appropriate use of micafungin at a community hospital**, Mohamed Fouad, Samia Fawzi, Radhika Pisupati, Mitch Sobel
- 3-083 **Iron sucrose medication use evaluation**, Bradley Hein, Myanh Lai
- 3-084 **Evaluation of intravenous acetaminophen use in surgical patients**, George Udeani, Robert Eschbach, Lisa Sprenger, Chris Miller, Joseph High
- 3-085 **Evaluation of appropriate use of carbapenems at an acute-care community hospital**, Amber Miller, Julie Snyder, Jill Bennett, Gene Borrelli, Evelyn Elliott
- 3-086 **Implementation of a clinical decision support system and its impact on alvimopan usage in a community hospital**, Bao Nguyen, Andrew Gifford, Makenzie Nye, Danny McNatty

- 3-087 **Evaluation risk of fracture associated with long term proton pump inhibitors therapy in the elderly in veterans health service medical center, Seoul, South Korea**, Sowall Kim, Sun young Min, Jeong ho Hong, Hyokeun Jeong, Jaegon Ryu
- 3-088 **Discharge management of acute coronary syndromes (DMACS) toolkit: the Australian experience**, Lisa Pulver, Kate Oliver, Susan Tett
- 3-089 **Is there any role for the clinical pharmacist in Lebanon?**, Asia Dekmak, Fatima Awada, Etwal Bou Raad, Diana Malaeb
- 3-090 **Pegfilgrastim use evaluation in a tertiary care hospital in the United Arab Emirates (UAE)**, Rania Slika, Lina Wehbe, Nicole Gebran, Aref Alam
- 3-091 **Retrospective review of rituximab use in an oncology center in UAE**, Rania Slika, Nicole Gebran, Khaled Al Qawasmeh, Kholoud Jamal, Aref Alam
- 3-092 **Effects of colistin therapy on renal function in critically ill Lebanese patients**, Diana Malaeb, Katia Iskandar
- 3-093 **Evaluation of the appropriate use of imipenem/cilastatin in a tertiary care hospital: indication, dose, dose adjustment in renal impairment, and seizure risk**, Wissam Kabbara, George Na'was
- 3-094 **A retrospective analysis on potential drug use in hyperbilirubinemia**, Hee Kyung Woo, Young Hee Choi, Hye Sook Lee, Sang Geon Kim
- 3-095 **Adherence to medication treatment regimens among schizophrenia patients treated with paliperidone palmitate in community mental health centers**, Jacqueline Pesa, Cynthia Schmeichel-Mueller, Jennifer Liang
- 3-096 **Impact of a daptomycin prescribing restriction at a community hospital: six months before and after intervention**, Melanie Flinn, Jacqueline Pitts
- 3-097 **Economic implications of the misuse of proton pump inhibitors for stress ulcer prophylaxis in hospitalized patients**, Chau Chu, Michael Huang, Patrick Brennan, Fayth Edillor, Grace Hwang
- 3-098 **Medication use evaluation of ipratropium in chronic obstructive pulmonary disease**, Wesleigh Jastorff, Kelly Moran, Tiffany Jastorff Gillies
- General Clinical Practice**
- 3-099 **Case report: asymptomatic bradycardia possibly associated with travoprost therapy**, Weeranuj Yamreudeewong
- 3-100 **Use of calculated FRAX score to assess clinical readiness for discontinuation of alendronate therapy in a male veteran population**, Uyen Tran, Carol Botelho, Bradley Peterson
- 3-101 **Evaluation of the rates of proton pump inhibitor use, documentation of proper indications, and possible proton pump inhibitor associated risks at a community hospital**, Alicia Juska, Zoon Park, Ramesh Patel
- 3-102 **Implementation of a pharmacist managed insulin protocol: five years later**, Alicia Juska, Zoon Park, Ramesh Patel
- 3-103 **Implementation and results of a pharmacist directed inpatient hyperglycemia management service**, Timothy Nikstad, Kay Palmer
- 3-104 **Disease trajectory and treatment practice for chronic obstructive pulmonary disease (COPD): results from a nationally representative physician survey**, Caitlyn Solem, Lavanya Sudharshan, Shawn Sun, Cynthia Macahilig, Monica Katyal
- 3-105 **Pharmacy clinical video telehealth (CVT): development and implementation of services within a Veterans Affairs health care system**, Helen Kasimatis, Donna Leslie, Nicole Olson, Khyati Patel, Danielle Alsip
- 3-106 **Student pharmacist interventions on a general medicine advanced pharmacy practice experience**, Lee Lam, Angie Koo, Peter Ambrose
- 3-107 **Utilizing a clinical pharmacist to impact the safety and quality of care in the medication reconciliation process**, Michael Garvey, Plante Elena, Vincent Ludewig
- 3-108 **Evaluation of an inpatient alcohol withdrawal protocol**, Michelle Hurrell, Leah Ann Durham
- 3-109 **Pharmacists interventions do affect patient care: a study of interventions utilizing selected but clinically significant drug-drug interactions as a therapeutic measure**, William Leelum
- 3-110 **Pharmacy consultancy service in medical practices in Australia**, John Woodward, Lisa Pulver
- 3-111 **Introducing clinical pharmacists at the acute medicine admission ward at Odense University Hospital, Denmark, led to implementation of several interventions**, Louise Groenkjaer
- 3-112 **Implementation of an inhaler optimization program across three health-systems: infection rates and financial outcomes**, Allison Tauman, Michelle Corrado, Kimberly Curry, Robert Ritchie, Scott Neel
- 3-113 **Implementation of an electronic alert to improve thromboembolism prophylaxis at a community teaching hospital**, Michael Mikrut, Sonali Muzumdar
- 3-114 **Development and implementation of a nurse driven pneumococcal and influenza vaccination protocol in a community hospital**, Rhonda Zillmer, Lynn Eschenbacher
- 3-115 **Pharmacist interventions provided in family practice: a systematic review**, Edwin Tan, Kay Stewart, Rohan Elliott, Johnson George
- 3-116 **Assessment of the presence and quality of osteoporosis prevention education among at-risk internal medicine patients**, Cortney Hindahl, Jennifer Shulha, John O'Meara, Melody Berg
- 3-117 **Improving glycemic control: pharmacy protocol for the transition of intravenous insulin infusion to subcutaneous insulin**, Lynn Hendrick, Dave Kanyer

- 3-118 **Peeling away banana bag blunders: implementation and evaluation of a standardized process for alcohol detox patients**, Sarah Ferrell, Joshua Hickox
- 3-119 **Impact of medication education rounds performed by pharmacy students and residents on patient satisfaction in a community hospital**, Mate Soric, Jason Glowczewski, Rachael Lerman, Brandon Mottice
- 3-120 **Learning new tricks: an assessment of novel versus a traditional patient counseling strategy**, Kenric Ware, Michael Thomas, Gregory Stajich, Lilia Macias-Moriarty
- 3-121 **Development and implementation of an education program to increase clinical competencies of pharmacists**, J. Ashley Gunter, Mina Willis, Heather Hellwig
- 3-122 **The role of pharmacy in clinical order set management, standardization and optimization across 11 hospitals**, Kelley Curtis, Jennifer Biltott, Peter Wong
- 3-123 **Evaluation of a pharmacist led medication reconciliation and education program in patients with dyslipidemia**, Adam Woolley, David Schnee

## Geriatrics

- 3-124 **Therapeutic substitution of long acting beta agonist/ corticosteroid metered dose inhalers with aformoterol and budesonide via nebulization at a 210 bed urban hospital**, Kevin McDonough, Suja Alum, Sheryl Sunnongmuang, Sergio Gonzalez
- 3-125 **Inhaler compliance and awareness in the elderly**, KH Kim, JK Kim
- 3-126 **Evaluation of the therapeutic conversion of galantamine to donepezil**, Danielle Bowen, Christina Clarke, Dorothy Jenrette
- 3-127 **Implementation of a pharmacy resident driven clinical service for geriatric surveillance in a community teaching hospital**, Thom Nguyen, Ashmi Philips, Sonia Patel, Mini Varghese, Shekar Chakravarthi
- 3-128 **Assessment of compliance with the clinical practice guidelines for management of heart failure in a specialized geriatric hospital unit**, Jana Vidal Otero, M Adrados Duero, M Garcia Munné, S. Pou Duran, J Junyent Monterde

## I.V. Therapy / Infusion Devices

- 3-129 **Implementation of a new outpatient infusion center: nine months later**, Carl Fossaceca, Daryl DePestel
- 3-130 **Pharmacy led potassium chloride replacement protocol**, John Evans, Andrea Payne, Sylvia Gutierrez, George Udeani
- 3-131 **Impact of education and smart pump settings on vancomycin infusion rates and adverse drug events**, Richard Ensign, Scott Milner, Beth Johnson

- 3-132 **Safety of compounded calcium chloride admixtures for peripheral intravenous administration in the setting of a calcium gluconate shortage**, Kevin Anger, Caryn Belisle, Megan Colwell, Burhan Alawadhi, Alex Wilkocki
- 3-133 **Improving smart infusion pump performance for pediatric patients in a hospital within a hospital model**, Kelly Burch, Joan Kohorst, Jon Lakamp

## Infectious Diseases

- 3-134 **Review of the impact of standardized vancomycin dosing algorithm at multiple facilities within a healthcare system**, Gita Patel, Sondra Davis, Erin Lee, Kasey Brizendine
- 3-135 **Impact of an antimicrobial stewardship program in a community hospital**, Gita Patel, Sondra Davis, Darrell Newcomer, Erin Lee, Nikhil Bhayani
- 3-136 **Economic impact of clinical response at day 3 of initial antimicrobial treatment in hospitalized patients with acute bacterial skin and skin structure infections: a chart review study within a U.S. healthcare system**, Robert Adamson, Indu Lew, Shilpa Amara, Xingyue Huang
- 3-137 **Hepatitis C VHA task force: how to deliver great care anywhere**, Karine Rozenberg- Ben-Dror, James Duvel, Donna Leslie, Michael Bonner
- 3-138 **Active pharmacy involvement in the antimicrobial review subcommittee to improve antimicrobial utilization in a community hospital**, Mariya Rudfeld
- 3-139 **Evaluation of fidaxomicin use for clostridium difficile infection in an 881-bed community-teaching hospital**, Edward Eiland, Christopher Newlin, Adam Sawyer, John Higginbotham
- 3-140 **Antimicrobial order sheet (AOS) data completion by physicians: impact of a strict enforcement policy**, Ted Morton, Wafa Al-Fahad
- 3-141 **Parental nutrition: correlation between lipid emulsion administration and incidence of candidemia**, Diana Andrade, William Kernan, Lori Milicevic
- 3-142 **Improving outcome measures through the implementation of an antibiotic stewardship program at a community based hospital**, Shelby Troendle, Rudy Seelmann, James Clements, David Daley, Rosina Turner
- 3-143 **The effect of proton pump inhibitors versus histamine-2 receptor antagonists in the development of clostridium difficile infection and pneumonia: a retrospective review**, Bradley Hein, Michael Huang
- 3-144 **Evaluation of vancomycin dosing in the obese population**, Kathy Eroschenko, Cathy Oliphant, Patricia Aggers
- 3-145 **Impact of converting levofloxacin to high-dose equivalent regimen in a community teaching hospital**, Nathan Wirick, Melissa Lagzdins, Nicholas Link
- 3-146 **Expansion of an antimicrobial stewardship program after implementation of a pharmacist-driven positive culture review process**, William Mang, Drew Kessell

- 3-147 **Clinical and economic evaluation of tenofovir/emtricitabine for pre-exposure prophylaxis of HIV in men who have sex with men with implications for the MassHealth perspective**, Randy Hollins, Kelly Gehman, Laura Van Alsten, Aura Neidhardt, Mary Rezk
- 3-148 **Assessing the adherence to the idsa guidelines for empiric treatment of community acquired pneumonia in intensive care unit patients at three Lebanese university hospitals**, Etwal Bou Raad, Diana Malaeb, Taghrid Suleiman, Maraim Nasser
- 3-149 **Evaluation of pharmacist role on antimicrobial surgical prophylaxis in a Lebanese hospital**, Diana Malaeb, Katia Iskandar, Zeinab Abbass
- 3-150 **Conflicting vancomycin minimum inhibitory concentration (MIC) susceptibility reporting of staphylococcus aureus isolates; an evaluative study to improve clinical practice at a state hospital**, Matthew Ambury, David Berkowitz, Carol Aboud, Faramarz Jamshidi, Matthew Tonon
- 3-151 **Retrospective evaluation of intravenous vancomycin use in a rural Veterans Affairs hospital**, Wesleigh Jastorff, Kelly Moran, Sarah Opitz, Tiffany Jastorff Gillies, Michael Lemon
- 3-152 **Validation of a vancomycin dosing nomogram in a community hospital**, Alexandra Burris, Estella Davis, David Schmidt, Ryan Dull
- 3-153 **Safety of cidofovir in pediatric patients with viral infection**, Alana Arnold, Sarah Jones, Al Patterson
- 3-154 **Cost-effectiveness of fidaxomicin for the treatment of severe Clostridium difficile infection in hospitalized patients in North America**, Quinn Bott, Libbi Rice, John Oh, Veejaye Sinha, Nohemie Boyer
- 3-155 **Evaluation of a pharmacy-monitored procalcitonin protocol in community-acquired pneumonia**, Amy Hyduk, Gordon Bokhart, Gloria Huynh, Angel Heyerly
- 3-156 **Impact of antibiotic stewardship program on the treatment of asymptomatic bacteriuria at an inpatient rehabilitation hospital**, Nitika Agarwal, Mary Mekheil, Steven Lewis, Susan Isenberg, Xiao Yuan
- 3-157 **Evaluating the appropriateness of an antimicrobial intravenous to oral conversion protocol compared to antimicrobial stewardship recommendations in a veterans affairs health care system**, Brent Cernik, Pamela Foral, Michaela Hardy, Chris Destache
- 3-158 **Outcomes following implementation of an antimicrobial stewardship program in a 154-bed community hospital**, Ran Xu, Mona Kapadia, Karen Simpson, Kaye Rathmann, Laura Meadows
- 3-159 **Evaluation of the appropriateness of antimicrobial dosing in critically ill patients receiving continuous renal replacement therapy**, Nadia Awad, Wendy Lam, Jodie Skayhan, Evelyn Hermes-DeSantis
- 3-160 **Evaluating the correction of antibiotics using information in a public pharmacy (Mongagua, Brazil)**, Valter Santos, Solange Bricola, Alessandra Koukdjian, Bruna Abreu, Luciana Camargo

- 3-161 **Financial impact of multi-disciplinary team led antimicrobial stewardship initiative**, Roy Guharoy, Elizabeth Radigan, Gail Scully, Jennifer Daly

## Investigational Drugs

- 3-162 **Quantifying the financial impact of investigational drug services in a large, not for profit, tertiary academic medical center**, Richard Malone

## Leadership

- 3-163 **Use of interactive polling to incorporate multiple perspectives into the pharmacy practice model initiative (PPMI) hospital self assessment**, Laura Zendel, Justin Sebakijje, Jay Barbaccia
- 3-164 **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
- 3-165 **Implementation of an innovative seminar course for third professional year pharmacy students**, Lydia Sholy, Rony Zeenny
- 3-166 **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

- 3-167 **Retrospective assessment of the efficacy of a pancreatic enzyme protocol for clearing occluded enteral tubes**, Janice Stumpf, Jennifer Vuong, Rebecca Kurian, Kimberly Dang, Michael Kraft

## Oncology

- 3-168 **Antiemetic efficacy and safety of aprepitant in multiple-day chemotherapy for hematological malignancies**, Hiroaki Ikesue, Mayako Uchida, Toshihiro Miyamoto, Nobuaki Egashira, Ryozi Oishi
- 3-169 **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
- 3-170 **Development of an antibiotic algorithm for febrile neutropenia**, Brannon Flores, Barry Diamond
- 3-171 **Identifying medical oncology patients at high-risk for venous thromboembolism in the outpatient setting**, Tiffany Chung, Beth Keeney, Joyce Lin
- 3-172 **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
- 3-173 **Analysis of prescription errors through careful review on chemotherapy regimen**, Soyoung Lim, Sujin An, Heesu Chang, Hyokeun Jung, Jaegon Ryu
- 3-174 **The use of glucarpidase as adjunctive treatment for a patient with delayed methotrexate elimination**, Cheryl Abbas, Anne Marie Valorie-Oberle

- 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 regimens in colorectal cancer patients**, Lucia Cortezoso, Maria Isabel Garcia-Garcia, Pilar Garcia-Alfonso, Silvia Manrique-Rodriguez, Luis Andres Lopez-Fernandez
- 3-178 **Concentration-dependent venous irritation induced by bendamustine injection**, Ryozi 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 Qaqundah, 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 Tirumali

## 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 Mottice
- 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 VanOsdol

## 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 Ookeditse
- 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 Tomsche
- 3-199 **Physical and chemical stability of injectable acetaminophen**, Mark MacKay, Chenelle 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

- 3-202 **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
- 3-203 **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
- 3-204 **Economic evaluation of fingolimod with budget implications for MassHealth**, David Thompson, Connie Cheng, Anne Coz, David Dreissen, Neha Kashalikar
- 3-205 **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 Komry, Anna Moulton
- 3-206 **Clinical and economic evaluation of ivacaftor for treatment of cystic fibrosis patients with implications for the MassHealth budget**, Nidhi Dave, Aneeqa Islam, Colleen Martin, Lindsey Pelletier, Jasmine Wing-Choi
- 3-207 **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
- 3-208 **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
- 3-209 **Pharmacist counseling versus leaflet education in improving awareness in vitamin D deficient Lebanese patients**, Randa El Masri, Lina Jadid, Diana N. Malaeb, Etwal Bou Raad
- 3-210 **Vitamin D status in healthy Lebanese pharmacy students**, Lina Jadid, Randa El Masri, Diana N. Malaeb, Etwal Bou Raad
- 3-211 **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
- 3-212 **Student pharmacists' perceived level of confidence before and after a medical outreach elective**, Elizabeth Perry, Amanda Storer, Roy Parish
- 3-213 **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
- 3-214 **Evaluation of adherence and persistence of anti-muscarinic medications for overactive bladder**, John Grossomanides, Carl Possidente
- 3-215 **Impact of pharmacist-based heart failure counseling on 30-day readmission rates**, Matthew Gibson, Christopher Tuttle, Jason Milner

- 3-216 **Discrepancies of medication name, dose, route, and frequency in primary care clinics**, Trina Huynh, Grace Kuo

## Small and Rural Pharmacy Practice

- 3-217 **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
- 3-218 **Efforts to reduce clostridium difficile infections in a rural community**, Mary Jo Garst, Marti Heinze
- 3-219 **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

- 3-220 **Retrospective analysis of the prevention and treatment of alcohol withdrawal at a large community teaching institution**, Bradley Hein, Michelle Bilinski
- 3-221 **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 McFarlan, Keith Boesen

Tuesday, December 4

2:00pm – 4:30pm

**Categories:** Administrative practice / Financial Management / Human 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
- 5-239 **Formulary selection criteria for biosimilars: considerations for health-system pharmacists**, Niesha L. Griffith, Jim Stevenson, Ali McBride, Larry Green
- 5-240 **Developing a residency program through a community-based research project**, Leigh Ann Ross, Lauren Bloodworth, Justin Sherman, Laurie Warrington

- 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 dexmedetomidine order set in a community hospital**, John Ives, Craig Miller, Catherine Leventis, Valerie Sheehan, Dave Ehlert
- 5-245 **Economic impact of a therapeutic interchange for parenteral iron in a community hospital**, John Ives, Craig Miller, Catherine Leventis, David Baribeault, Dave Ehlert
- 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**, Jaculin 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 Yuschock, 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, Jaculin DeYoung, Steven Hixson
- 5-016 **Factors affecting heart failure readmission rates in Jesse Brown VA medical center patients**, Blair Kaplan, Clare Bergman, Grazina Janeliauskaite

- 5-017 **Impact of pharmacist discharge education and interventions on publically reported heart failure measures**, Jenna Huggins, Janice Pan, Kimberly Fordham, Haywood Rhodes, Chris Lynch
- 5-018 **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
- 5-019 **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
- 5-020 **Evaluation of proper prescribing of cardiac medications at hospital discharge for patients with acute coronary syndromes (ACS) in two Lebanese hospitals**, Marwan Sheikh-Taha, Zeinab Hijazi
- 5-021 **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
- 5-022 **Warfarin discharge counseling pilot evaluation**, Anna Powichrowski, Katie Greenlee, Jeff Ketz
- 5-023 **Transforming anticoagulant patient education**, Charles Geibig, Susan Tripp, Jerry Lopez, Kern Low
- 5-024 **Recombinant factor VII activated and prothrombin complex concentrate use at a tertiary academic medical center**, David Reardon, Paul Szumita, Julie Atay
- 5-025 **Development of an oral anticoagulant coagulopathy/bleeding management protocol based on limited evidenced based medicine**, Larry Davis, Cindy Williams, Lindsay Enzor
- 5-026 **Extended anti-Xa monitoring of low-molecular-weight heparin in end-stage renal disease: a case report**, Elaine Chow, Andrea Hall
- 5-027 **Early experience with dabigatran at a large, tertiary care hospital**, Jennifer Brandt, Joseph Barbaccia, Mary Turner
- 5-028 **Anticoagulation management and valvular thrombosis in a toddler: a case report**, Rebecca Marraffa, Andrea Hall
- 5-029 **Tirofiban use in a community-based hospital**, Amy Knoblock, Shelby Troendle
- 5-030 **Implementation of a heart failure readmission reduction initiative in a rural healthcare system**, Dmitri Cohen, William Seavey, Bethany Lessard
- 5-031 **Implementation of a pharmacist-driven anticoagulation discharge counseling process at an academic medical center**, Brett Crisp, Robert Granko, Rowell Daniels
- 5-032 **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

- 5-033 **The impact of pharmacist involvement in associate benefit design programs**, Kelley Curtis, Larry Clark, Kelly Carstens, Mercedes Dombi, Peter Wong

## Clinical Service Management

- 5-034 **Integration of value added clinical responsibilities for decentralized unit based pharmacists in a community hospital setting**, Douglas Daley, Daniel Newberg, Betty Li
- 5-035 **Implementation of a pharmacy driven inpatient diabetes service improves inpatient glycemic control**, Edna Gow, Eric Fleischbein, Mary Green, Emanuel Decquir, Patricia Montgomery
- 5-036 **Successful credentialing and privileging of pharmacists in a community hospital**, J. Ashley Gunter, Eric Maroyka
- 5-037 **Continuity of care: an innovative approach to an advanced pharmacy practice experience within a large community hospital**, Vicky Turberville-Vega, Anees Kanorwala
- 5-038 **Evolution of the role of pharmacy in optimization of transitions of care in heart failure patients**, Karen Trenkler, Justin Schneider, Zahra Khudeira
- 5-039 **Novel PGY1 residency learning experience encompasses health system's pharmacist role in the transitions of care**, Karen Trenkler, Justin Schneider, Tejal Patel, Jonathan Murray
- 5-040 **Glycemic evaluation and feasibility of collaborative practice model for colorectal surgery patients**, Jenna Lovely, Joseph Herges, Benjamin Dreesman, David Larson
- 5-041 **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

- 5-042 **Wake up and wean protocol**, Caroline Girardeau, Cheryl Reilly, Ashley Liggins, Ashley Sweeney, Jackie Everidge
- 5-043 **Continuous renal replacement therapy: moving practice forward with new technology**, Caroline Girardeau, Rhonda Vincent, Michael Casey, Elizabeth Neuffer, Cheryl Reilly
- 5-044 **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
- 5-045 **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, Harminder 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 health-care 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 Cortejoso, 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 Cortejoso, 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 roflumilast 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**, Danni 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
- 5-070 **Severe hypoglycemic events associated with non-guideline-concordant oral anti-diabetic drug treatments in patients with type 2 diabetes and moderate to severe chronic kidney disease: findings from a U.S. commercially-insured population**, Shih-Yin Chen, Yuan-chi Lee, Veronica Alas, Joseph Biskupiak, Mallik Angalakuditi
- 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

- 5-073 **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
- 5-074 **Implementation of a pharmacist driven erythropoietin stimulating agent program,** Ann-Lori Perez, Janelle Berg, Michaela Christian
- 5-075 **Effect of obesity on continuous weight-based heparin infusions,** Leesa Prunty, Sharon Jones
- 5-076 **Evaluation of acetaminophen prescribing & administration in a level 1 trauma center,** Tiep Ly, Harminder Sikand
- 5-077 **One-day focus on antivitamin K (AVK) drug interactions: pathing the way for a computerized assisted prescription,** Brice Berdougou, Murielle Dalle, Catherine Divine, Muriel Paul

## Emergency Medicine / Emergency Room

- 5-078 **Parent and staff satisfaction with local anesthesia prior to IV starts in a pediatric emergency room,** Richard Thomas, Cydney Greenhalgh, Jared Cash
- 5-079 **The emergency pharmacist as influenza immunization officer,** Christopher Edwards, Katherine Hiller, Uwe Stolz, Janet Kerrigan, David Peirce
- 5-080 **Impact of clinical pharmacists on initiation of post-intubation analgesia in the emergency department,** Erin Robey-Gavin, Lamies Abuakar
- 5-081 **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
- 5-082 **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
- 5-083 **Assessing the time to antibiotic administration in septic shock patients with pharmacy services in the emergency department,** Ajay Madduri, Evelyn Hermes DeSantis, Patrick Bridgeman
- 5-084 **High-dose insulin therapy for beta-blocker and calcium channel blocker overdose: case series,** Stacey VanSickle, Kimberly Glasoe
- 5-085 **IV droperidol and olanzapine as adjuncts to midazolam for the acutely agitated patient: a multi-centre, randomised, double-blind, placebo-controlled, clinical trial,** Esther Chan, David Taylor, David Kong, Jonathan Knott, Georgina Phillips
- 5-086 **Compliance with pneumonia core measures in the emergency department: it takes a village,** Francia Kellner, Christopher Freer, Doreen Dutchak, Marilyn Roque-Ammirata

- 5-087 **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
- 5-088 **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 Aflatoon, Christian Hamm
- 5-089 **Expansion of emergency medicine pharmacy services in a tertiary academic medical center,** Elizabeth Wells, Matthew Campbell, Brian Pettry, David Tietz, Jonathan Williams
- 5-090 **Impact of a clinical pharmacist on emergency medicine services,** Sara Triglia, Kristen Longstreth, Maria Pusnik
- 5-091 **Implementation and impact of 24 hour hospital pharmacy services and emergency department clinical services: a combined role,** David Dietrick, Linda Higginson, Brent Dammeier

## General Clinical Practice

- 5-092 **Impact of a pharmacist-driven discharge counseling program in a community hospital setting,** Erin Onder, Kimberly Czajka, Thomas Bauer
- 5-093 **Impact of a residency antimicrobial stewardship rotation on pharmacist initiated interventions,** Marsha Crader, Andrea Cavanaugh, Sarah Cochran, Cynthia Garris
- 5-094 **Reduction of alvimopan use by implementing a restriction protocol in a community hospital,** Radhan Gopalani, Erika Dittmar, Ken Kepler
- 5-095 **Competing priorities in a community hospital emergency department: what's a newly deployed, rotating pharmacist to do?,** Corinda Pippins, Beth Dixon, Dave Merryfield
- 5-096 **Situational analysis of the vancomycin use monitoring procedure,** Maria Fernanda Salomo Azevedo, Mayra Ribeiro, Carlos Henrique Cunha, Debora Carvalho, Maria Beatriz Souza Dias
- 5-097 **Problem based learning in an elective course to associate treatment principles between acute and ambulatory patient care,** Kimberly Tackett, C. Scott Lancaster
- 5-098 **Utilization of automatic stop order practice among academic medical centers,** Roy Guharoy, Karen Smethers, Christian Hartman
- 5-099 **Pharmacists impact on decreasing length of stay in a collaborative care unit,** Kristi Ziegenbusch, Nathan Ash, Cory Werts, Thomas Spallinger
- 5-100 **Darbepoetin alfa protocol implementation in an inpatient rehabilitation hospital: the pharmacist's impact,** Helen Afolarin, Nitika Agarwal
- 5-101 **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 Squyres

- 5-102 **Evaluation of the 4Ts clinical pre-test scoring system for the diagnosis of heparin-induced thrombocytopenia in a community teaching hospital**, Ifeanyi Egbunike-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 Egbunike-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 glycated hemoglobin (HbA1C) reduction in diabetic patients.**, Valter Santos, Solange Bricola, Mariana Garcia, Julio Oliveira, Debora Sitnik
- 5-108 **Preparing to be an international relief pharmacist: lessons learned from post-quake Haiti**, Patricia Pitts, Elena Chidlowsky
- 5-109 **Endeavor for greater pharmacy heartburn intervention through development and widespread employment of heartburn screening surveys**, Nyemachi Ejiowhor, Tamara Foreman, Kathleen Michel

## Home Care

- 5-110 **Clinical problems identified with a screening tool for patients starting home infusion therapy**, Cathy Johnson, Malathi Crossley

## I.V. Therapy / Infusion Devices

- 5-111 **Hospital infusion center costs for anti-tumor necrosis factor agents**, Jordana Schmier, Mary Cifaldi, James Shaw, Michael Halpern, Nancy Nickman
- 5-112 **Evaluation of an infusion pump pharmacist**, Scott Milner, Beth Johnson, Tina Aramaki
- 5-113 **Creating monthly clean room cleaning assignments**, Kathleen Conway, Angela Yaniv
- 5-114 **Verification activities for a hazardous IV compounding robot**, Angela Yaniv

## Investigational Drugs

- 5-115 **Establishing an investigational drug service at Intermountain Medical Center**, Elyse MacDonald, Krystal Moorman

## Leadership

- 5-116 **Review of pharmacy careers: advice for pharmacy students**, Jill Augustine, Annesha Lovett, Gina Ryan, Hong Xiao, Sam Peasah

- 5-117 **Evaluation of the preparative and reflective thoughts of post-graduate biopharmaceutical industry fellows teaching experiences in a Doctor of Pharmacy elective course**, Michael Steinberg, Maryann Cooper
- 5-118 **Impact of conducting admission interviews on faculty of a school of pharmacy**, Michael Steinberg, Evan Horton, Kristine Willett
- 5-119 **Student pharmacists perception of a service learning experience at a charity pharmacy**, Lauren Bloodworth, Meagan Brown, Courtney Davis, Leigh Ann Ross

## Nutrition Support

- 5-120 **Evaluation of parenteral nutrition prescription: pharmaceutical interventions**, Renata Amaral, Dirce Akamine, Michel Kfour, Carmem Peres

## Operating Room Pharmacy

- 5-121 **Effectively communicating the current status of drug shortages in an operative setting**, Steve Gianakopoulos, Peggy Bickham, Julie Golembiewski
- 5-122 **Use of tranexamic acid in orthopedic joint arthroplasty**, Dominick Bulone

## Pediatrics

- 5-123 **Impact of an intermittent pediatric antimicrobial stewardship program on pharmacist interventions at a children's hospital**, Margaret Heger, Aaron Harthan, Julie Giddens, Kanokporn Mongkolrattanothai
- 5-124 **Early experience with intravitreal bevacizumab compared to laser treatment for retinopathy of prematurity**, Shaviller Waugh, Kimberly Le, Jennifer Gardner, Lingkun Kong, Paul Steinkuller
- 5-125 **Optimization of the vancomycin dosing nomogram in the regional neonatal intensive care unit**, Kristina Frinzi, Kimberly Ross Wurst, Corinne Smith
- 5-126 **Utility of early vancomycin monitoring to prevent acute kidney injury in critically ill pediatric patients**, Brady Moffett, Michelle Pharm, Sara Bork, Jeanine Graf
- 5-127 **Non-antimicrobial medication allergies in pediatric inpatients**, Brady Moffett, Genevieve Echeta, Joan Shook
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- ◆ Critical Roles for Certified Pharmacy Technicians in Practice Model Change



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# SHUTTLE SCHEDULE

**DECEMBER 1-6, 2012**

## Shuttle Service to/from Mandalay Bay Convention Center

Frequency of Service: Every 15-20 Minutes

		SERVICE BEGINS	LAST BUS DEPARTS	
		Hotel	Hotel	Convention Center
<b>Saturday</b>	12/1	7:00am	4:30pm	5:30pm
<b>Sunday</b>	12/2	7:00am	5:00pm	6:00pm
<b>Monday</b>	12/3	6:30am	5:00pm	6:00pm
<b>Tuesday</b>	12/4	7:00am	5:00pm	6:00pm
<b>Wednesday</b>	12/5	7:00am	4:30pm	5:30pm
<b>Thursday</b>	12/6	8:00am	3:30pm	4:30pm

### ► 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

Name	Boarding	Route #
<b>MGM Grand</b>	South Conference Center Entrance	1
<b>The Signature at MGM Grand</b>	Walk to MGM Grand South Conference Center Entrance	1
<b>Aria</b>	Tour Bus Area	2
<b>New York-New York</b>	Zumanity Theater Entrance	2
<b>Mandalay Bay Hotel</b>	Walking Distance to Mandalay Bay Convention Center	Walk
<b>THEhotel at Mandalay Bay Hotel</b>	Walking Distance to Mandalay Bay Convention Center	Walk
<b>Luxor</b>	Walking Distance to Mandalay Bay Convention Center	Walk

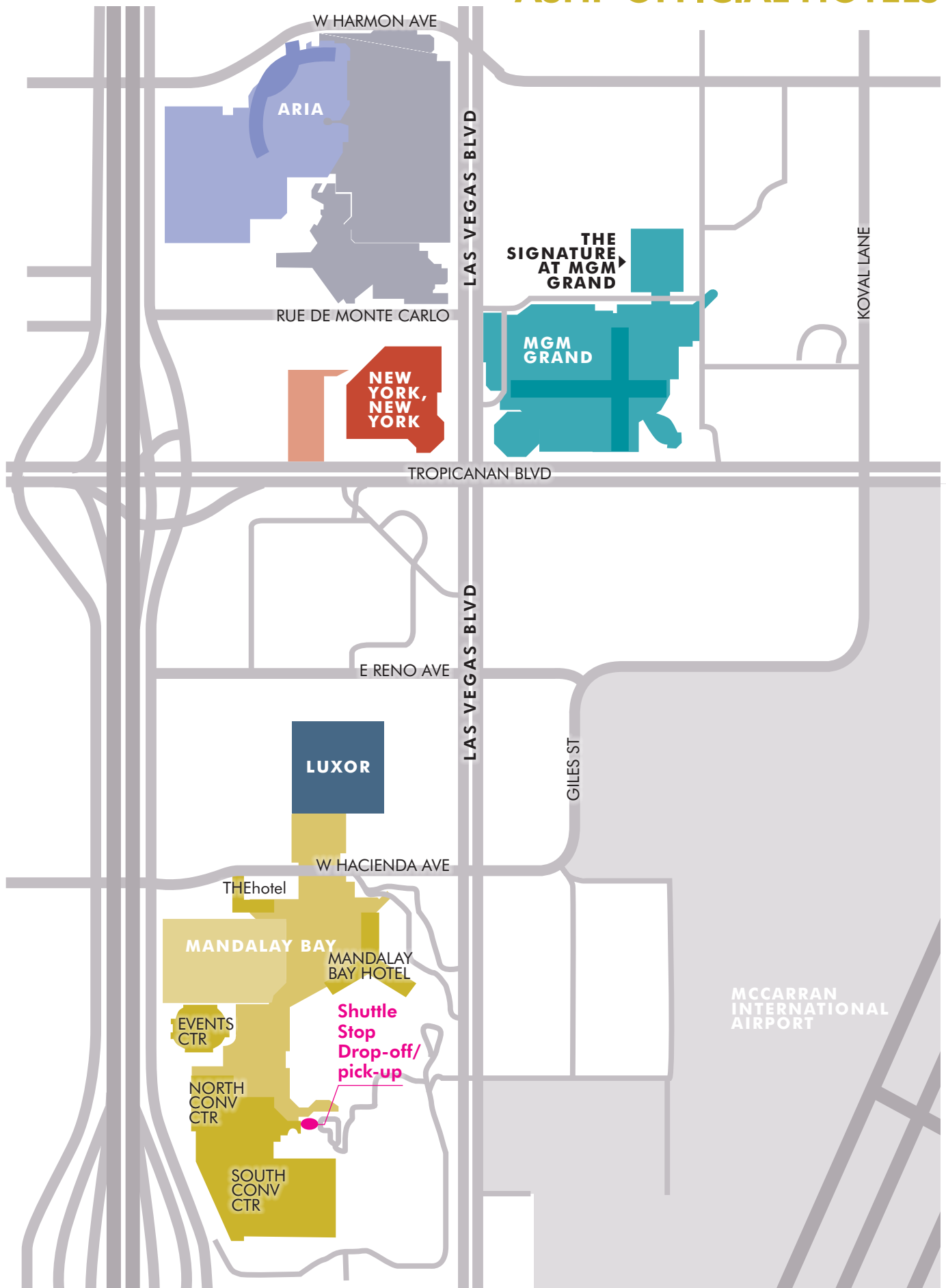


Wheelchair accessible transportation is available during hours of operation.  
Call toll free (866) 439-8563 to schedule (allow 30 minutes).



Shuttle Service Managed and Operated by  
**Transportation Management Services**

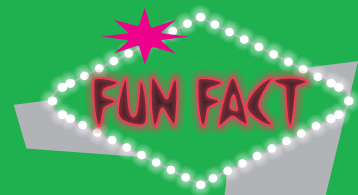
# ASHP OFFICIAL HOTELS



# A

# YES

# TRUE



THE FAMOUS
"WELCOME TO LAS VEGAS"
SIGN WAS CREATED
IN 1959
BY BETTY WILLIS.

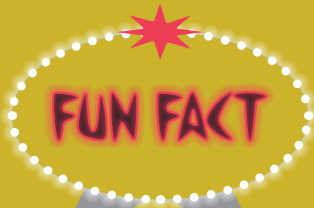
# B NO FALSE



**FUN FACT**

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.

C



HOWARD HUGHES
STAYED AT THE DESERT INN
FOR SO LONG THAT HE
WAS ASKED TO LEAVE.
HE BOUGHT THE HOTEL.

# D



SEVENTEEN  
OF THE 20 BIGGEST  
HOTELS IN THE U.S.  
ARE IN LAS VEGAS.

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