Welcome to Denver and the ASHP Summer Meetings & Exhibition!

It is great to be back in Denver for the 2015 ASHP Summer Meetings & Exhibition. This meeting is the perfect blend of learning and networking and I am so glad you could join us this week.

Our efforts to provide you with timely and practical programming have resulted in the addition of a new "boutique" conference to our educational community: The Ambulatory Care Conference. As with the other specialized meetings here in Denver—Informatics Institute, Pharmacy Practice & Policy, and the Medication Safety Collaborative—you’ll hear from experts, explore topics that are relevant to your professional life, and establish meaningful connections with your peers.

This program, along with the ASHP Live app, is your guide to the wide array of educational programming that we are offering this week. Each of the boutique conferences has a wealth of information that you’ll be able to implement in your practice. And no matter what meeting you’ve selected, you’ll also have unrestricted access to all of the sessions and events at any of the four meetings.

We’re striving to exceed your expectations. Please let us know how we are doing. Feel free to share your thoughts with the ASHP board and staff here in Denver or send an email to prez@ashp.org.

Thank you!

Christene M. Jolowsky, M.S., R.Ph., FASHP
ASHP President
ENVISION. ENGAGE. EXECUTE.

Envision your world with fewer errors, seamless transitions, and improved outcomes. Engage with your peers to discover new answers to your questions. Execute these solutions into your practice and improve patient care. Take part in a unique and effective learning model that is revolutionizing the way health professionals participate in live meetings. This June at the ASHP Summer Meetings; choose one of four content-targeted conferences that are held concurrently. This allows you to focus and participate in education and networking events with like-minded peers across the healthcare spectrum.

Regardless of which conference you choose to attend, you can access all of the sessions and events happening at any of the four meetings. It’s the best of both worlds—specific and focused education and networking in your specialization with the ability to sample other areas of interest. Your meeting experience is completely customizable; you can choose to stay in your boutique conference, or attend any individual sessions taking place at the other meetings.

Advancing Ambulatory Care Practice Through Education

Innovate, Implement, Interactive, Ideas, Improve

A Meeting for the Entire Patient Safety Team

Professional, Provider Status, Practical, Prevention

Special Offer!!

BRING A PATIENT SAFETY TEAM COLLEAGUE

If you are a full registrant—you are eligible to bring one other patient safety team member to the meeting at a deeply discounted rate. This meeting is designed for interprofessional education and collaboration; and is a great way to ensure your entire team stays current on the latest safety practices and advances. Registrations must be received by ASHP on or before May 21, 2015.

To participate, please call Customer Service at 866-279-0681.

Education Highlights:

• Earn over 18 hours of pharmacy continuing education credits
• Earn nursing and physician continuing education credits at all Medication Safety Collaborative sessions
• Keynote address
• Peer-to-peer active knowledge-sharing events and social gatherings
• Posters

Included with Registration:

• Complete access to all sessions and events held at the Medication Safety Collaborative (MSC), Ambulatory Care Conference (AC2), Informatics Institute (I2), and Pharmacy, Practice & Policy (P3)
• Grand opening reception
• Lunch buffets
• ConnectLive! (An interactive networking event to engage and inspire immediate implementation)

Pre-meeting Opportunities:

• Ambulatory Care Review and Recertification Course
• Pharmacotherapy Review and Recertification Course
• Critical Care Review Course
• Pediatric Pharmacy Review Course
• CPHIMS Review Course

Other Highlights:

• Vendor exhibits and networking
• Student programming
• Joint Commission Update
• House of Delegates activities
• Legislative updates

As one of our most popular destinations, we are thrilled to be heading back to Denver to deliver what is sure to be a unique and valuable professional development opportunity!
General Information

Please Note: This program information is preliminary and subject to change. Check the meeting website at www.ashp.org/summermeetings or the ASHP LIVE app for updates.

Meeting Location
The Summer Meetings and Exhibition is being held at the Colorado Convention Center. One of the most practical, “user friendly,” and beautiful meeting facilities ever built, the Colorado Convention Center is located in the heart of exciting downtown Denver and within easy walking distance of all official Summer Meetings hotels, restaurants, the Denver Performing Arts Complex, and a wide variety of shopping opportunities!

This year at the ASHP Summer Meetings you’ll get to choose one of four content-targeted conferences and regardless of which conference you choose, you can access all of the sessions and events happening at any of the four meetings. ASHP and our members are very excited to return to Denver and plan to exceed all expectations for and set the new standard for learning!

Registration
Register online at www.ashp.org/summermeetings, or call 1-866-279-0681.

All pre-registrations must be received by ASHP on or before May 21. If you miss the pre-registration deadline, then you can register onsite during the hours listed below.

Registration located in the Colorado Convention Center in Exhibit Hall A, Upper Level

Attendee Scan & Go/Self Registration Hours:
Saturday 11:00 a.m.–5:30 p.m.
Sunday 7:30 a.m.–7:00 p.m.
Monday 7:30 a.m.–5:30 p.m.
Tuesday 7:30 a.m.–5:00 p.m.
Wednesday 7:30 a.m.–12:00 p.m.

Note: Attendee Registration assistance will be available if you choose to register onsite and not use the Self-Registration Kiosks.

International Attendees: Please pickup your certificate of attendance at the Customer Relations Desk.

Customer Relations
If you would like to renew your membership, check on a recent order, or update your profile, then please stop by Customer Relations located next to Registration.

Exhibitor Registration and Customer Relations Hours:
Saturday 11:00 a.m.–5:30 p.m.
Sunday 7:30 a.m.–7:00 p.m.
Monday 7:30 a.m.–5:30 p.m.
Tuesday 7:30 a.m.–5:00 p.m.
Wednesday 7:30 a.m.–12:00 p.m.

Pick up your badge prior to 3:00 p.m. to avoid any last-minute rush.

Name Badges
Badges should be worn at all times. Your badge is your admission pass for all meeting sessions 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 QR code on your badge. If you lose your badge, check at the ASHP Headquarters Office (Room 103, Street Level) to see if it has been turned in. Lost badges can be replaced at Registration for a $37 fee. Badge ribbons are available from the Membership Information Center.

Badges are color-coded as follows:
- Informatics Institute: Orange
- Medication Safety Collaborative: Red
- Pharmacy Practice Policy: Green
- Ambulatory Care Conference: Pink
- Exhibitor: Yellow

All attendees will have complete and total access to all sessions and events happening at any of the four meetings.

Missed a Session? Get Your Meeting Content Online After the Meeting!
With so many educational sessions to choose from, it’s impossible to catch them all. Check back in August for information on how to access the sessions you’ve missed. www.ashp.org/summermeetings

Note: CE is not available with downloads.
The letter on your badge represents your primary position as follows:
A = Director, Associate or Assistant Director, Clinical Coordinator, Other Supervisory Position
B = Staff Pharmacist, Clinical Pharmacist–General, Clinical Pharmacist–Specialist, Faculty
C = Resident
D = Student
E = Technician, Physician, Nurse, Medication/Patient Safety Officer, Informatics/Technology Specialist, Other

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

Hotel Reservations
Orchid Event Solutions, ASHP’s only official Housing Company, is coordinating hotel reservations for the meeting. When you book your room with Orchid Event Solutions you not only help ensure ASHP’s ability to meet in your preferred cities and provide lower room rates, but also benefit from helpful, convenient one-stop service, and will receive the following benefits:
• Immediate email acknowledgement of your hotel assignment;
• Peace of mind that you made a reservation at an “official” ASHP hotel at the discounted ASHP rate;
• Provided with complimentary access to the internet in your hotel guest room and access to your hotel’s cardio or fitness center (excludes spa access and spa services);
• Protection in the event the hotel has oversold guest rooms;
• And much more!

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

Download:
Apple App Store or Google Play store; search "ASHP LIVE".
www.ashp.org/ASHPLive

Available for iPhone®, iPad®, Android®, or your mobile browser.
ASHP has secured rooms for attendees at a variety of quality hotels in downtown Denver at special discounted rates. The special ASHP rates are being offered until May 14, 2015 at 6:00 p.m. Mountain Daylight Time (MDT) or until the room block is sold out, whichever occurs first. After this date, reservations will be made based on availability and hotels may charge higher rates. You must register for the meeting or you may be subject to the hotel’s prevailing rates upon check-out. Hotel rooms fill quickly and are available on a first-come, first-served basis. Reserve your room today for the best selection and rates!

For more information and to make your reservation, visit www.ashp.org/summermeetings

Arrangements for Special Assistance
If you have any disability for which you require an auxiliary aid or special service while attending this meeting, please contact the Conference and Convention Division by May 1 at 301-664-8721 or by email at ccd@ashp.org, subject line: SM15–Special Assistance.

ASHP Connect
ASHP Connect is a portal linking you directly to pharmacists with similar backgrounds, practice settings, and interests. You can participate in active discussions on trending pharmacy issues which impact your practice and profession. ASHP Connect gives you the connectivity you seek from a national ASHP conference 365 days of the year. Best of all, it is an included benefit of your ASHP membership.

It’s easy to get started:
1. Join at connect.ashp.org. You must register as an ASHP user to have full access.
2. Create your profile. Update your information by selecting My Profile from the top bar.
3. Join communities and start discussions. Select the Communities tab from the top bar and ask your community a question by starting a discussion thread.
4. Setup subscriptions. Under My Profile, select My Subscriptions to determine how frequently you receive e-mail notifications.

Plus, download the ASHP Connect App to stay connected with ASHP and its members anytime, anywhere! For more information, or to view short video tutorials and FAQs, please visit connect.ashp.org.

ASHP Summer Meetings News & Views
Check out the daily News & Views for meeting highlights. News & Views is distributed Sunday through Wednesday and can be found on newsstands throughout the Colorado Convention Center.

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

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

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

Get Social
Follow ASHP at @ashpofficial. Use hashtag #ashpsm15
#ptsafety
#informatics
#pharmacy
#ambcare
Safety and Security

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

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

Sorry, No Children Admitted

For health and safety considerations, children under the age of 16 years will not be admitted to the Exhibit Hall or educational sessions.
General Meeting Locations

All rooms are located in the Colorado Convention Center unless otherwise noted.

ASHP Headquarters Office
Room 103, Street Level
Contact ASHP staff and make general meeting inquiries.

ASHP Store
Lobby A, Street Level
Explore the latest products from ASHP to meet your practice needs. More than just print publications, you can also purchase and learn more about eBooks, apps and online subscriptions, and eLearning programs.

At the ASHP Summer Meetings, you will receive a special discount code for both the member and non-member price of all products. This will be valid only during meeting days, and can be used either at the store with help from ASHP staff, or you can enter the code on your own time using your personal device.

Order your copy of ASHP’s newest publications such as: Wisdom from the Pharmacy Leadership Trenches, Medicinal Chemistry Self-Assessment, Fundamentals of Geriatric Pharmacotherapy, Second Edition, Competence Assessment Tools, Fifth Edition, Infectious Disease Pharmacotherapy Self-Assessment, and more. All ASHP eBooks are available to order at the Store at a discounted price as well.

Be sure to stop by to view a demo and learn more about PACT, ASHP’s Pharmacy Ambulatory Care Tracker, now available to purchase as a full dashboard product and to download for Apple and Android products.

Learn more about our entire suite of BPS Specialty Review and Recertification products! ASHP offers new, more contemporary products to help you earn and keep your specialty certification in Pharmacotherapy, Ambulatory Care, Critical Care, Pediatrics, and Oncology.

You can also learn more about ASHP’s Sterile Compounding Competency Library, ASHP’s Interactive Handbook on Injectable Drugs, the AHFS Drug Information product line, PharmacyTech CE Portal, UNC Grand Rounds, and much more.

Join us for a book signing!
Hot off the press, come by the Store on Monday, June 8th from 12:30 p.m.–2:00 p.m. to meet Toby Clark and Sara White, the authors of ASHP’s newest publication: Wisdom from the Pharmacy Leadership Trenches. Ask them any questions you may have and pick up a signed copy too!

ASHP will once again be selling t-shirts and hats with the ASHP logo, a great gift for any student, resident, colleague, or friend! You can also easily renew your ASHP membership directly at the Store.

Hours:
Saturday 12:00 p.m.–5:30 p.m.
Sunday 7:30 a.m.–6:00 p.m.
Monday 7:30 a.m.–5:30 p.m.
Tuesday 7:30 a.m.–5:00 p.m.
Wednesday 7:30 a.m.–1:00 p.m.

Business Center
Located off Lobby A, Street Level
Surf the internet, copy, print, pack and ship.

Hours:
Saturday–Sunday 8:00 a.m.–4:00 p.m.
Monday–Tuesday 7:30 a.m.–6:00 p.m.
Wednesday 7:30 a.m.–3:00 p.m.

For more information call 303-904-2300 or visit www.myofficeco.com.

City Information
Lobby A, Street Level
In Lobby A of the Convention Center across from the Blue Bear. A friendly top-notch guest services team will be able to assist you on everything to do in Denver.

Coat & Baggage Check
Not available in the Convention Center; please check bags at your hotel bell desk.
Exhibit Program

Exhibit Hall A, Upper Level

Featuring some of the most innovative technologies and products, the Exhibit Program is a must attend aspect of the Summer Meetings! Peruse the hall, receive a hands-on demonstration, and learn for yourself how these companies and their products are helping to define what is important to patient care, your practice, and your career! For a current list of exhibitors, visit www.ashp.org/summermeetings or the ASHP LIVE app.

The Exhibitor Yellow Pages will be provided onsite as your exhibit hall guide and will include the exhibitor listing and floor plan.

Hours:

Sunday
Exhibit Program & Grand Opening
Reception 5:00 p.m.–7:00 p.m.

Monday
Exhibit Program 11:00 a.m.–2:00 p.m.
Lunch Service in Hall 11:30 a.m.–12:30 p.m.

Tuesday
Exhibit Program 11:00 a.m.–2:00 p.m.
Lunch Service in Hall 11:30 a.m.–12:30 p.m.

A ticket for each hosted meal event (reception & lunches) is included in the full-time paid registration fee and the corresponding one-day registration fee (Monday or Tuesday). Tickets are valid on the day of the event only and are required to receive meal service.

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

First Aid

Concourse, Outside Room 507

In the event of an emergency, Security can dispatch a medic to your location.

1. From any in-house phone, dial x88030 in the event of a medical emergency. From a cell phone, dial 303-228-8030.
2. Request first aid service and state your location.

Future Meetings

Stop by and pick up information on upcoming ASHP Meetings and remember to mark your calendars for:

2015 National Pharmacy Preceptors Conference
Washington, D.C.
August 20–22, 2015

50th Midyear Clinical Meeting & Exhibition
New Orleans, LA
December 6–10, 2015

2016 Summer Meetings & Exhibition
Baltimore, MD
June 11–15, 2016

Housing Information

Exhibit Hall A, Upper Level

For housing questions, call the official ASHP housing company, Orchid Event Solutions, toll free at 877-505-0675 or 801-505-4613, Monday–Friday, 7:00 a.m.–6:00 p.m. Mountain Time.

A representative will be onsite in Denver should you have any housing questions.

Saturday 11:00 a.m.–5:30 p.m.
Sunday 7:30 a.m.–2:00 p.m.
Monday 7:30 a.m.–10:00 a.m.

For more housing information, visit the Summer Meetings Website at www.ashp.org/summermeetings.

ASHP would like to thank Fresenius Kabi USA for their sponsorship of the hotel key cards.
Lost and Found
Room 103, Street Level
Contact ASHP Headquarters during official meeting days/hours. Following the meeting, contact the Convention Center Security Office.

Meeting Information Center
Lobby A, Street Level
Get answers to your questions about the ASHP 2015 Summer Meetings and Exhibition here.

Hours:
Saturday 12:00 p.m.–5:30 p.m.
Sunday 7:30 a.m.–7:00 p.m.
Monday 7:30 a.m.–5:30 p.m.
Tuesday 7:30 a.m.–6:00 p.m.
Wednesday 7:30 a.m.–1:00 p.m.

Membership Information Center
Lobby A, Street Level
Get Involved in ASHP
From student to practitioner, ASHP is committed to helping you make an impact at every stage in your career. Whether you want to become a member or renew your membership onsite, expand your knowledge through continuing education, or collect member ribbons to help with networking, the Membership Information Center will help you get the most out of your membership. Plus, meet members of the Sections and Forums to learn how to best utilize your benefits and discover many opportunities for involvement. The Membership Information Center will be open Saturday through Wednesday. We look forward to meeting you.

Hours:
Saturday 12:00 p.m.–5:30 p.m.
Sunday 7:30 a.m.–7:00 p.m.
Monday 7:30 a.m.–5:30 p.m.
Tuesday 7:30 a.m.–6:00 p.m.
Wednesday 7:30 a.m.–1:00 p.m.

Networking Lounge & Recharging Zone
Lobby A, Street Level
Need to recharge after taking notes on your tablet or laptop? Is your phone battery low after placing calls to important contacts made in the Exhibit Hall? If so, the Networking Lounge & Recharging Zone is the place to relax and to plug in and recharge your devices.

Press Office
Room 202, Street Level

Promotional Theaters
Promotional Theaters provide an opportunity for commercial organizations to present information about their product or services or therapeutic areas to pharmacists attending the Summer Meetings and Exhibition. The material presented in Promotional Theaters may be promotional and may concentrate on a specific product. Therefore, these sessions do not offer continuing pharmacy education credit.

The following Promotional Theater listing is provided to you by ASHP as a courtesy; these are commercially-supported programs held in conjunction with the 2015 Summer Meetings and are not part of the official ASHP Summer Meetings programming. Any questions related to these programs should be directed to the company/individual listed. Any pre-registration taken for these programs is for planning purposes only and does not guarantee a seat. Seating is limited and provided on a first come, first served basis. An early arrival is recommended.

Monday, June 8
12:00 p.m.–2:00 p.m.
Exhibit Hall A, Upper Level
A Deeper Dive into Chronic Heart Failure and its Impact on Health Systems, Supported by Novartis Pharmaceuticals Corporation. Contact Trisha Purcell, Novartis Pharmaceuticals Corporation; trisha.purcell@novartis.com.

Monday, June 8
6:00 p.m.–8:30 p.m.
Colorado Ballroom E, Lower Level 2, Denver Marriott City Center
The Business of Insourcing Sterile IV Compounding Services, Sponsored by Baxter US Hospital Products. Contact: Angela Abraham, ASHP; 301-664-8738

Tuesday, June 9
12:00 p.m.–2:00 p.m.
Exhibit Hall A, Upper Level
The Connected Patient Experience: People, Platforms, Process, Supported by Omnicell. Contact: Jennifer George, Omnicell; jennifer.george@omnicell.com

Speaker Preview Room
Room 101, Street Level
The Speaker Preview Room has computers available for presenters who want to preview their slides prior to their presentation.

Hours:
Saturday–Sunday 12:00 p.m.–5:00 p.m.
Monday 7:00 a.m.–5:15 p.m.
Tuesday 7:00 a.m.–6:00 p.m.
Wednesday 7:00 a.m.–10:30 a.m.
Continuing Education Information

Accreditation
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 their requirements for continuing education. Please check with your state to determine if such requirements exist and to determine if these programs meet those requirements.

Pharmacists
ASHP determines the number of contact hours for each session. Registrants may earn up to 18.75 contact hours (1.875 CEUs) at the 2015 ASHP Summer Meetings & Exhibition.

Pharmacy Technicians
Educational sessions at the 2015 ASHP Summer Meetings & Exhibition satisfy the requirement pertaining to pharmacy-related subject matter and are acceptable for certified pharmacy technicians. Sessions for technicians are designated with a “T” following the ACPE number.

PTCB acceptable CE sessions must include pharmacy-related subject matter. Contact PTCB at 800-363-8012 or contact@ptcb.org for further information.

Physicians
The American Society of Health-System Pharmacists is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The American Society of Health-System Pharmacists designates the activities in the 2015 Medication Safety Collaborative for a maximum of 18.75 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nurses
Education Review Systems is an approved approver of continuing nursing education by the Alabama State Nursing Association, an accredited approver by the American Nurses Credentialing Center’s Commission on Accreditation. Provider # 5-115.

Educational Review Systems is also approved for nursing continuing education by the state of California, the state of Florida and the District of Columbia.

Programs in the 2015 Medication Safety Collaborative are approved for continuing nursing education. See each individual activity for credit hours approved.

Florida Department of Health Continuing Education Credits Florida licensed pharmacists must self-report their meeting CE credits to CE Broker. ASHP is not offering Florida Consultant Pharmacy CE at this meeting.

Educational Session Handouts
Handouts are now at your fingertips via the ASHP LIVE app. No more printing onsite and lugging to sessions. Follow along with the speakers right on your mobile device. If you prefer printed handouts, please print at home from your computer at www.ashp.org/ASHPLive before you come to the meeting.**

**Paper handouts will not be printable onsite at the ASHP Network Connections computers.

Continuing Education
ASHP is one of the largest providers of continuing pharmacy education accredited by ACPE—the Accreditation Council for Pharmacy Education. In accordance with ACPE’s Accreditation Standards for Continuing Pharmacy Education, ASHP fully supports:

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

Learning Assessment and Feedback
The Standards call for learning assessment to be part of every activity; assessments and mechanisms for feedback are part of every CE session.
Activity Categories
CE learning activities at the 2015 ASHP Summer Meetings are knowledge-based or application-based. Knowledge-based sessions are designed primarily for acquiring factual knowledge; application-based sessions are designed to apply the information learned in the time allotted.

Evaluations
ACPE’s Standards require us to develop and conduct evaluations of each CE activity. Beyond this requirement, your feedback is important to us for evaluating achievement of the learning objectives, quality of faculty, effectiveness of teaching methods and materials, and perceptions of commercial bias.

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

Continuing Professional Development (CPD)
An approach to lifelong learning, Continuing Professional Development (CPD) is a process of active participation in learning activities geared to helping individuals develop and maintain continuing competence, enhance their professional practice, and support achievement of their career goals. CPD emphasizes self-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 self-appraisal or plan.

Reveal your pharmacy’s true strength.
Together, we can raise the level of pharmacy delivered patient care services through accreditation of each and every pharmacy practice. Join with the CPPA to fulfill a promise to patients for high quality, safe and efficient pharmacy care by starting your accreditation process today.

Be recognized as an elite pharmacy practice that ensures consistent quality patient outcomes. By being part of this nationally recognized group of accredited pharmacy practices, you are supporting the highest level of standards offered by our industry.

Learn more and apply for accreditation now.
pharmacypracticeaccredit.org
Instructions for Claiming CE

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

1. Login to the ASHP eLearning Portal at elearning.ashp.org with the email address and password that you registered with ASHP. The system validates your meeting registration to grant you access to claim credit.
2. Click on My Learning Activities.
3. Click on 2015—ASHP Summer Meetings and Exhibition (Denver, CO). It is also listed under the Conferences tab.
4. Enter the Attendance Codes that were announced during the session and click Submit. Multiple attendance codes can be separated by a comma (e.g., S12345, S23456).
5. Your sessions will appear below as you enter them. Click Claim.
6. Once all requirements are complete, click Claim Credit. It is important to choose the appropriate profession.
   - Pharmacists and Pharmacy Technicians: Be prepared to provide your NABP eProfile ID, birth month and date (required in order for ASHP to submit your credits to CPE Monitor).
   - Physicians: Enter the amount of credit you're claiming for your participation in the session. Click Submit. Review the information for accuracy, check the box and click Claim to view your certificate.
   - Nurses: Review the information for accuracy, check the box and click Claim to view your certificate.
   - Others (International, students, etc.). Select ASHP Statement of Completion. Check the box and click Claim to get a record of your attendance for each session.

Note: Printing is optional for ACPE credit, as your credit was submitted electronically in Step 6.

Exhibitors

Exhibitors can use their ASHP login information to claim credit online. You will have a few additional first steps for your process.

1. Login to www.ashp.org/exhibitorce with your ASHP username and password.
2. Click on the Get Started button.
3. Select the 2015 Summer Meetings and Exhibition from the dropdown menu.
4. Select your Exhibiting Company from the list of exhibitors. Your screen will change and you will be then be logged into the ASHP eLearning Portal.
5. Follow the instructions from Step 2 above.

If your screen does not change to the ASHP eLearning Portal, or if you encounter any issues with the process (e.g., the meeting does not appear in your My Learning Activities), then there may be a discrepancy in your first and last names used for your exhibitor registration. Please stop by the Meeting Info Desk at the meeting or email the Educational Services Division at educserv@ashp.org for assistance.

Note: Computers will be available in Exhibit Hall A, Upper Level, to process your CE onsite.

Questions? Contact educserv@ashp.org
# Schedule-at-a-Glance

**KEY:**  
- **CE** = continuing education for pharmacists  
- **CE-PNP** = continuing education for pharmacists, nurses, and physicians  
- * = Separate registration required  

All rooms are located in the **Colorado Convention Center** unless otherwise noted.

## Saturday—June 6

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 a.m.–6:00 p.m.</td>
<td>Ambulatory Care Review and Recertification Course*</td>
<td>Penrose Room, Lower Level 1, Denver Marriott City Center</td>
</tr>
<tr>
<td>8:00 a.m.–5:00 p.m.</td>
<td>Pharmacotherapy Review and Recertification Course*</td>
<td>Colorado Ballroom E, Lower Level 2, Denver Marriott City Center</td>
</tr>
<tr>
<td>11:00 a.m.–5:30 p.m.</td>
<td>Pediatric Pharmacy Specialty Examination Review Course*</td>
<td>Colorado Ballroom D, Lower Level 2, Denver Marriott City Center</td>
</tr>
<tr>
<td>12:30 p.m.–4:30 p.m.</td>
<td>Critical Care Pharmacy Specialty Examination Review Course*</td>
<td>Colorado Ballroom G, Lower Level 2, Denver Marriott City Center</td>
</tr>
<tr>
<td>8:00 a.m.–5:30 p.m.</td>
<td>CPHIMS Review Course*</td>
<td>Room 303, Street Level</td>
</tr>
<tr>
<td>8:00 a.m.–11:30 a.m.</td>
<td>340B University*</td>
<td>Grand Ballroom, Second Level, Sheraton Denver Downtown Hotel, Tower Building</td>
</tr>
<tr>
<td>11:00 a.m.–5:30 p.m.</td>
<td>House of Delegates Registration</td>
<td>Exhibit Hall A, Upper Level</td>
</tr>
<tr>
<td>12:30 p.m.–2:15 p.m.</td>
<td>State Affiliate Volunteer Best Practices Forum</td>
<td>Room 110, Street Level</td>
</tr>
<tr>
<td>2:30 p.m.–4:30 p.m.</td>
<td>Open Forum for Members</td>
<td>Room 104, Street Level</td>
</tr>
<tr>
<td>4:30 p.m.–5:30 p.m.</td>
<td>Delegate Primer on HOD Processes</td>
<td>Room 110, Street Level</td>
</tr>
<tr>
<td>8:00 a.m.–9:30 a.m.</td>
<td>Drug Supply Chain Security Act (DSCSA)—Updates and Actions for Health System Pharmacy Networking Session</td>
<td>Room 207, Street Level</td>
</tr>
</tbody>
</table>

## Sunday—June 7

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 a.m.–8:30 a.m.</td>
<td>Federal Pharmacists Caucus</td>
<td>Room 111, Street Level</td>
</tr>
<tr>
<td>7:30 a.m.–11:30 a.m.</td>
<td>House of Delegates Registration</td>
<td>Exhibit Hall A, Upper Level</td>
</tr>
<tr>
<td>7:30 a.m.–6:00 p.m.</td>
<td>Ambulatory Care Review and Recertification Course*</td>
<td>Penrose Room, Lower Level 1, Denver Marriott City Center</td>
</tr>
<tr>
<td>8:00 a.m.–9:30 a.m.</td>
<td>Meet and Greet with Pharmacy Leaders for Students</td>
<td>Room 405, Street Level</td>
</tr>
<tr>
<td>8:00 a.m.–10:00 a.m.</td>
<td>The Joint Commission Update for 2015—Focus on Acute Care Settings (CE-PNP)</td>
<td>Four Seasons Ballroom 4, Lower Level</td>
</tr>
<tr>
<td>8:30 a.m.–9:30 a.m.</td>
<td>Small and Rural Hospital Caucus</td>
<td>Room 111, Street Level</td>
</tr>
<tr>
<td>9:30 a.m.–11:30 a.m.</td>
<td>Caucuses Facilitated by the Chair of the House</td>
<td>Room 104, Street Level</td>
</tr>
<tr>
<td>9:30 a.m.–12:30 p.m.</td>
<td>Student Leadership Development Workshop</td>
<td>Room 405, Street Level</td>
</tr>
<tr>
<td>8:00 a.m.–9:30 a.m.</td>
<td>MEDICATION SAFETY COLLABORATIVE</td>
<td>The Joint Commission Update for 2015—Focus on Acute Care Settings (CE-PNP)</td>
</tr>
<tr>
<td>8:00 a.m.–10:00 a.m.</td>
<td>INFORMATICS INSTITUTE</td>
<td>Pediatric Informatics: Considerations for a Smaller Population (CE)</td>
</tr>
<tr>
<td>8:00 a.m.–10:00 a.m.</td>
<td>PHARMACY, PRACTICE &amp; POLICY</td>
<td>Prevent the Pitfalls: Solutions for 340B Challenges with Contract Pharmacy and Split-Billing Software (CE)</td>
</tr>
<tr>
<td>8:00 a.m.–10:00 a.m.</td>
<td>AMBULATORY CARE CONFERENCE</td>
<td>The Joint Commission Update for 2015—Focus on Acute Care Settings (CE-PNP)</td>
</tr>
</tbody>
</table>

**Additional Information:**

- **Key:**  
  - **CE** = continuing education for pharmacists  
  - **CE-PNP** = continuing education for pharmacists, nurses, and physicians  
  - * = Separate registration required  

- All rooms are located in the **Colorado Convention Center** unless otherwise noted.
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:15 a.m.–12:15 p.m.</td>
<td>First House of Delegates Meeting—Mile High Ballroom 3, Lower Level</td>
</tr>
<tr>
<td>1:00 p.m.–5:00 p.m.</td>
<td>Medication Safety in Your Daily Practice Networking Session</td>
</tr>
<tr>
<td>1:00 p.m.–2:45 p.m.</td>
<td>Human Information Processing, Usability and Cognitive Burden of Current EHRs (CE)</td>
</tr>
<tr>
<td>1:45 p.m.–2:45 p.m.</td>
<td>New Drugs in Primary Care 2015 (CE)</td>
</tr>
<tr>
<td>1:45 p.m.–3:45 p.m.</td>
<td>Accelerating Change to Improve Outcomes: Different Is Not Always Different! (CE-PNP)</td>
</tr>
<tr>
<td>3:00 p.m.–4:00 p.m.</td>
<td>Value Based Payments—What’s Happening Now and Preparing for the Future Networking Session (CE)</td>
</tr>
<tr>
<td>5:00 p.m.–7:00 p.m.</td>
<td>Grand Opening Reception in the Exhibit Hall A, Upper Level</td>
</tr>
<tr>
<td>4:00 p.m.–5:00 p.m.</td>
<td>Assess Your Priorities for Practice Advancement: The Longest Journey Starts with a Single Step (CE-PNP)</td>
</tr>
<tr>
<td>3:00 p.m.–3:45 p.m.</td>
<td>Room 402, Street Level</td>
</tr>
<tr>
<td>1:45 p.m.–3:45 p.m.</td>
<td>Room 203, Street Level</td>
</tr>
<tr>
<td>1:45 p.m.–2:45 p.m.</td>
<td>Room 402, Street Level</td>
</tr>
<tr>
<td>3:00 p.m.–3:45 p.m.</td>
<td>Room 402, Street Level</td>
</tr>
<tr>
<td>4:00 p.m.–5:00 p.m.</td>
<td>Room 301, Street Level</td>
</tr>
<tr>
<td>5:00 p.m.–7:00 p.m.</td>
<td>Room 203, Street Level</td>
</tr>
</tbody>
</table>
## Schedule-at-a-Glance

### Tuesday—June 9

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 a.m.–10:00 a.m.</td>
<td>“Yes, We CAN Eliminate Serious Harm from Healthcare!”—Leadership and Collaboration as Successful Strategies (CE-PNP) Four Seasons Ballroom 4, Lower Level</td>
</tr>
<tr>
<td>10:15 a.m.–11:00 a.m.</td>
<td>The Inaugural and Awards—Mile High Ballroom 3, Lower Level</td>
</tr>
<tr>
<td>11:00 a.m.–2:00 p.m.</td>
<td>Exhibit Program and Lunch Hosted by ASHP (Lunch served 11:30am–12:30pm)—Exhibit Hall A, Upper Level</td>
</tr>
<tr>
<td>12:15 p.m.–1:30 p.m.</td>
<td>Posters—Exhibit Hall A, Upper Level</td>
</tr>
<tr>
<td>12:15 p.m.–2:00 p.m.</td>
<td>Caucuses Facilitated by the Chair of the House—Room 104, Street Level</td>
</tr>
<tr>
<td>12:30 p.m.–1:30 p.m.</td>
<td>Presenting the Value of Pharmacy through Clinical Pharmacy Metrics Networking Session—Room 110, Street Level</td>
</tr>
<tr>
<td>2:00 p.m.–3:30 p.m.</td>
<td>USP &lt;800&gt;: Strategies for Compliance (CE) Room 203, Street Level</td>
</tr>
<tr>
<td>3:45 p.m.–5:00 p.m.</td>
<td>“The Impossible Dream”: Safe, High Quality, and Patient-Centered Care...Our Perspective on a Broken Healthcare System (CE-PNP) Four Seasons Ballroom 4, Lower Level</td>
</tr>
<tr>
<td>5:00 p.m.–6:00 p.m.</td>
<td>Second House of Delegates Meeting—Mile High Ballroom 3, Lower Level</td>
</tr>
<tr>
<td>6:00 p.m.–7:00 p.m.</td>
<td>Harvey A.K. Whitney Lecture Award Reception and Dinner (ticket required)—Colorado Ballroom E, Lower Level 2, Denver Marriott City Center</td>
</tr>
<tr>
<td>7:00 p.m.–10:00 p.m.</td>
<td>Outcomes That Matter (CE) Room 402, Street Level</td>
</tr>
<tr>
<td>Time</td>
<td>Event Description</td>
</tr>
<tr>
<td>-------------------</td>
<td>-----------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>8:00 a.m.–10:00 a.m.</td>
<td>Strategies Worth Sharing: Medication Safety (CE-PNP) Four Seasons Ballroom 4, Lower Level</td>
</tr>
<tr>
<td>10:00 a.m.–10:30 a.m.</td>
<td>Smarter Pumps: Integrating Our Way to a Safer Medication Future (CE-PNP) Four Seasons Ballroom 4, Lower Level</td>
</tr>
<tr>
<td>10:30 a.m.–12:30 p.m.</td>
<td>Lost In Translation: Leveraging Technology to Communicate Transitions of Care Across the Continuum (CE) Room 301, Street Level</td>
</tr>
<tr>
<td></td>
<td>Communications Clarity: Are You Sending the Message You Mean To? (CE) Room 203, Street Level</td>
</tr>
<tr>
<td></td>
<td>Clinical Controversies in Ambulatory Care Practice: When Guidelines Conflict (CE) Room 402, Street Level</td>
</tr>
<tr>
<td></td>
<td>Penny Perspectives on Integrity: Little Insights for BIG Impact (CE) Room 203, Street Level</td>
</tr>
<tr>
<td></td>
<td>Tool Time for Ambulatory Care Practitioners (CE) Room 402, Street Level</td>
</tr>
</tbody>
</table>
BPS Specialty Review and Recertification Courses

7:30 a.m.–6:00 p.m.

**SATURDAY JUNE 6–SUNDAY JUNE 7**

**CERTIFY A MILE HIGH!**

Live BPS Specialty Review and Recertification Courses

- Pharmacotherapy Review and Recertification Course: Colorado Ballroom E, Lower Level 2, Denver Marriott City Center
- Ambulatory Care Review and Recertification Course*: Penrose Room, Lower Level 1, Denver Marriott City Center
- **NEW!** Critical Care Review Course: Colorado Ballroom G, Lower Level 2, Denver Marriott City Center
- **NEW!** Pediatric Specialty Review Course: Colorado Ballroom D, Lower Level 2, Denver Marriott City Center

A practical approach to earn your Certification. ASHP offers a new, more contemporary way to prepare you with an in-depth review that identifies areas needed for further self-study.

**The question is simple: How do you learn best?**

Our course is best suited for practitioners who are looking for a practical, hands-on and real-life approach to learning they can immediately implement into their existing practice. ASHP’s review course participants follow “patients” in real life scenarios from initial presentation, medical history, risk factors, and complications throughout their treatments and outcomes. Participants learn as they apply various treatment options based on national standards and guidelines. Strong emphasis is placed on the thought processes needed to solve patient care problems in each therapeutic area. As patient cases are discussed, faculty members are there to present the best answer to questions that illustrate key concepts.

Highlights of an ASHP review course include:

- Complete coverage of all domains in only 2 days! Saving you time, travel, and money.
- Includes regulatory and population health issues not covered in other review courses, which accounts for 15–20% of the BPS exam.
- Free online practice exam to simulate the BPS test and help identify your knowledge gaps.
- Every topic area contains public health and patient advocacy information.
- Participants are given a workbook containing 100+ practice questions with explained answers and links to original references.
- Complete coverage needed to confidently prepare for the exam in only 2 days! Saving you time away from work and home, and drastically reducing travel expenses.

Separate registration fee required. You do not have to be registered for any of the Summer Meetings to attend. **However, a 20% discount towards the Summer Meetings is offered to all review course participants!**

For more information, agenda, faculty list, and to register visit: [www.ashp.org/bpsreview2015](http://www.ashp.org/bpsreview2015)

*The Ambulatory Care Specialty Review and Recertification Course is offered through a partnership between ASHP and APhA.*
Workshops

All rooms are located in the Colorado Convention Center unless otherwise noted.

**SATURDAY, JUNE 6**
8:00 a.m.–5:00 p.m. Room 303, Street Level

**CPHIMS Review Course**

Workshop Fee: $300 (Space is limited)
(7:30 a.m.)

This one-day course is led by a CPHIMS-certified instructor. Registration includes course materials delivered in electronic format.

**Registration deadline is May 21, 2015.** To register, visit [www.ashp.org/go/meeting.aspx?id=CPHIMS15](http://www.ashp.org/go/meeting.aspx?id=CPHIMS15).

Instructor: Sam King, M.B.A., M.P.H., FHIMSS, FHFMA, CPHIMS, CPHQ, CHFP

**Do something for yourself—get certified!**

CPHIMS is a professional certification program for healthcare information and management systems professionals.

- Distinguish yourself in an increasingly competitive marketplace
- Expand your career opportunities
- Validate your knowledge, competency and credibility
- Gain skills and tools to help you make a difference in your organization, and your community
- Demonstrate your commitment to continuing professional development

Many organizations require candidates have this certification and are encouraging existing employees to obtain the certification.

What are the benefits of becoming CPHIMS certified? Passing the CPHIMS examination demonstrates mastery of a well-defined body of knowledge considered important to competent practice in today’s healthcare information and management systems field. You will know that you have met the highest standards of practice and are among the elite in a critical field of healthcare management. Upon passing the examination, HIMSS offers to contact your employer to make him/her aware of this prestigious accomplishment.

CPHIMS certification is fast becoming an industry standard by which individuals are assessed for new positions or promotion.

8:00 a.m.–5:30 p.m. Grand Ballroom, Second Level, Sheraton Denver Downtown Hotel, Tower Building

**340B University™**

Breakfast, lunch and snacks included. Registration limited to 250 participants. ASHP Summer Meetings registration is not required. **Registration closes May 20, 2015.**

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

For more information and to register, go to: events.34bpvp.com/events/340BUniversity06062015
Special Events & Activities

All rooms are located in the Colorado Convention Center unless otherwise noted.

SATURDAY, JUNE 6
12:30 p.m.–2:15 p.m. Room 110, Street Level
State Affiliate Volunteer Best Practices Forum
All state affiliate volunteer leaders [officers, board members, staff, committee chairs, committee members, etc.] are invited to participate. This year’s Best Practices Forum is designed to provide an opportunity for state affiliate organizations to share their successful practices with one another. This year’s forum will focus on affiliates which have successfully increased their number of student or new practitioner members and some of the innovative programs which have been developed for these two member components.

SUNDAY, JUNE 7
5:00 p.m.–7:00 p.m. Exhibit Hall A, Upper Level
Grand Opening Reception in the Exhibit Hall
Join colleagues and friends at the Grand Opening Reception of the ASHP 2015 Summer Meetings, taking place in the Exhibit Hall. Grab a light bite to eat while you visit with exhibitors and kick off the week with unparalleled networking opportunities!

This year’s exhibitor family awaits your presence and is excited to share and showcase a variety of displays.

Tickets for the reception are included in the full registration fee. Registered exhibitors will also receive a ticket. Additional tickets can be purchased prior to or at the meeting for $35 and are nonrefundable.

MONDAY, JUNE 8
11:30 a.m.–12:30 p.m. Room 110, Street Level
ASHP-PAC Donors Reception
The introduction of provider status legislation, the Pharmacy and Medically Underserved Areas Enhancement Act (H.R. 592/ S. 314), means that it’s more important than ever that ASHP members get involved in the political process. During the ASHP-PAC Donors Reception you’ll learn how you can play a part in the Society’s efforts to build relationships with members of Congress and educate legislators about the issues that you face in your practice. To RSVP or for more information, go to www.ashp.org/pac.
**Opening Session**

**MONDAY, JUNE 8**

8:00 a.m.–9:15 a.m. Mile High Ballroom 3, Lower Level

**Summer Meetings Opening Session**

**Presidential Address**

ASHP President, Christene M. Jolowsky, M.S., R.Ph., FASHP

Executive Director for Applied and Experiential Education and Assistant Professor, University of Minnesota, College of Pharmacy, Minneapolis

**Acknowledgement of the 2015 Harvey A. K. Whitney Lecture Award Recipient**

Sharon Murphy Enright, B.S.Pharm., M.B.A

President, EnvisionChange LLC

Atlanta, GA

See page 825 for biography.

**Presentation of the 2015 ASHP Chief Executive Officer’s Award for Courageous Service**

The CEO’s Award for Courageous Service recognizes individuals or groups of individuals in health-system pharmacy who go beyond the call or assignment of duty to serve patients or assist pharmacists in serving patients, such as under emergency conditions or in times of natural disaster or other cataclysmic events.

**U.S. Public Health Service Commissioned Corps Pharmacists**

In September 2014, the U.S. Public Health Service (USPHS) was tasked with providing direct patient care to international and Liberian healthcare workers with suspected or confirmed cases of Ebola Viral Disease (EVD). To meet this objective, the USPHS supported the primary mission of staffing the Monrovia Medical Unit (MMU), a 25-bed treatment center outside of the Liberian capital of Monrovia. Multidisciplinary teams of pharmacists, physicians, nurses, and other medical support staff were deployed for up to 60 days. In several instances, pharmacists served in leadership roles.

Additionally, pharmacists have been part of deployments both domestically and abroad, including the Quarantine Stations and Emergency Operations Centers within the Department of Health and Human Services. To date, there have been 51 pharmacists deployed as part of the deployments to West Africa.

Team members faced challenges that far exceeded those encountered within their normal assignment of duties, including the mental, emotional, and physical preparation necessary to work in a field hospital in a Sub-Saharan, war-torn country for two months. Few, of the team members had experience with EVD or the safety precautions necessary to prevent contraction of this highly infectious disease prior to the in-depth training they received from the CDC. Furthermore, EVD symptoms are incredibly similar to those of several other common West African diseases. This meant team members needed to be constantly vigilant, regularly observing both themselves and others for symptoms, and ensuring all safety protocols were enforced and followed. Despite the obvious risks to their own health and safety, each member met each of these challenges head-on.

Working in collaboration with other medical staff, the pharmacists took on multiple healthcare responsibilities in areas such as administration, planning, and safety throughout the course of 12-hour shifts, 24 hours a day, 7 days a week to ensure optimal patient care. They provided logistical support, including establishment of mobile medical units with a drug formulary, delivered patient care pharmacy services with limited access to drug information and medical resources, offered daily in-service training for other health care professionals, prepared individualized patient care plans, and offered compassionate hospice care. PHS pharmacists in the States are also involved in monitoring efforts to ensure that the deployed team members do not show symptoms of the disease and to prevent the spread of EVD once they return home.

USPHS Commissioned Corps pharmacists exemplify the capabilities of all pharmacists during disaster relief. Their dedication to patient care and commitment to the profession is commendable.
Keynote Address
How Do You Know? Evidence in a Patient-Networked Age
Jamie Heywood

How Do You Know? Evidence in a Patient-Networked Age
Jamie is a leader in engaging patients, understanding their needs and in applying entrepreneurial smarts and drive to improving the treatment and delivery available to them. He is a passionate believer in transparency and collaboration.

As the founder of PatientsLikeMe—an innovative web community that allows patients to pool their experiences of disease and treatment—Jamie took an innovative, bottom-up approach to both patient support and medical research. The 250,000+ patients log the progress of their disease in very fine detail, including their treatments and prescriptions, any side effects they experience and much more. This has two radical consequences. First, patients can look at others’ logs and even message each other to learn about the real-world experiences of patients like them. Second, this creates a treasure trove of data about a wide range of illnesses and treatments far beyond what can be captured in traditional clinical studies. It’s a groundbreaking approach that is speeding up the pace of research, democratizing patient data, and improving the dialogue between patients and physicians.

In addition to founding PatientsLikeMe, Jamie is also the founder of ALS Therapy Development Institute (TDI), the world’s first non-profit biotechnology company. He founded the company following his brother Stephen’s diagnosis of ALS (Lou Gehrig’s disease) in 1998. Since then, ALS TDI has broken new ground on many fronts and has become recognized as one of the most promising and innovative research organizations in action. Its achievements include an industrialized therapeutic validation process and one of the world’s leading ALS drug discovery programs. ALS TDI was also the first organization to run an open research program, posting the results of its studies in real time.

Jamie’s work has been the subject of His Brother’s Keeper, a book by Pulitzer Prize-winning author Jonathan Weiner, and So Much So Fast, a Sundance award-winning documentary. He has also been profiled in The New Yorker and on 60 Minutes.

An MIT engineer, Jamie is an active investor and advisor to startups, companies, and non-profits working to improve the way that biomedical research is conducted.

Jamie is a provocative, passionate, and inspiring speaker. See page 866 for more information.
The Basics

Who: ALL attendees from any of the four meetings
What: An interactive problem-solving session designed for peer sharing
When: Monday, June 8 9:30 a.m.—11:00 a.m.
Where: Exhibit Hall A, Upper Level
Why: To tackle and solve the “lay awake at night” challenges that you face in your practice

How?
Before you arrive at the session—check out the “Communities” and topic areas of interest that will be discussed.

Session starts:
5 minutes: Welcome and Instruction

Rotation #1:
- 5 minutes to find your Community and topic
- 30 minutes to discuss and problem-solve with like-minded peers on selected topic
- Follow the process outlined on the Conversation Starter Card
- Record action items, ideas, and solutions on the group’s Outcome Card

Transition:
5 minutes: Post Outcome card to Chat Wall; find your 2nd Community/Topic

Rotation #2:
- 30 minutes to discuss and problem-solve with like-minded peers on selected topic
- Follow the process outlined on the Conversation Starter Card
- Record action items, ideas, and solutions on the group’s Outcome Card

Follow Up
- Community Chat Walls will display all Outcomes from every Community and topic.
- Chat Walls are available for viewing in the foyer/registration area after the conclusion of the session.
- All outcomes, ideas, and solutions from all topics will be recorded and emailed to all attendees after the conference as a valuable take-away
who: the basics
why:
when:
what:

A, upper level
exhibit hall

10:15 a.m.–11:00 a.m.
Mile High Ballroom 3,
Lower Level

The Inaugural and Awards

Welcoming Remarks
ASHP President, Christene M.
Jolowsky, M.S., R.Ph., FASHP
Executive Director for Applied
and Experiential Education and
Assistant Professor, University of
Minnesota, College of Pharmacy,
Minneapolis

Presentation of the 2015 ASHP Practitioner
Recognition Awards

The ASHP Practitioner Recognition Program recognizes excellence in pharmacy practice by granting recognition and promoting public awareness of pharmacists who have distinguished themselves in hospital and health-system pharmacy. Members who have achieved FASHP status have successfully demonstrated sustained commitment or contributions to excellence in health-system pharmacy for at least 10 years, contributed to the total body of knowledge in hospital and health-system pharmacy, demonstrated active involvement and leadership in ASHP, and have been actively involved in and committed to educating practitioners and others.

Glen E. Albracht, Pharm.D., M.S.
Emily Alexander, Pharm.D., BCPS
Brian D. Benson, Pharm.D.
Ryan J. Bickel, Pharm.D., M.H.A., BCPS
Michael J. Brownlee, Pharm.D., M.S.
Melinda J. Burnworth, Pharm.D., BCPS, FAzPA
Jennifer A. Buxton, Pharm.D., CPP
Noelle R.M. Chapman, Pharm.D., BCPS
Ericka L. Crouse, Pharm.D., BCPP, CGP
Rowell Daniels, Pharm.D., M.S.
Julie A. Dopheide, Pharm.D., BCPP
Donald J. Filibek, Pharm.D., M.B.A., CSP
Jeffrey Fudin, Pharm.D., DAAPM, FCCP
Daniel H. Good, M.S., B.S.Pharm.
Ann M. Jankiewicz, Pharm.D., BCPS
Thomas E. Kirschling, Pharm.D., M.S., M.S.L.
Robert A. Lucas, Pharm.D., BCPS
Karen E. Malcolm, Pharm.D.
Joel C. Marrs, Pharm.D., BCPS-AQ Cardiology, BCACP, CLS,
FCCP, FNLA

Linda Gore Martin, Pharm.D., M.B.A., BCPS
Lisa A. Mascaro, Pharm.D.
Kevin G. Moores, Pharm.D.
Melissa Murer Corrigan, B.S.Pharm.
Brian C. O’Neal, Pharm.D., M.S.
Richard J. Pacitti, Pharm.D., M.B.A.
Lois F. Parker, B.S.Pharm.
Mary H. Parker, Pharm.D., BCPS-AQ Cardiology, FCCP
Christina W. Quillian, Pharm.D., BCPS
Suzie Schrater, Pharm.D., M.P.H.
James D. Scott, Pharm.D., M.Ed., AAHIVP, FCCP
Victoria A. Serrano Adams, Pharm.D., FCSHP
Linda M. Spooner, Pharm.D., BCPS
Amy L. Stump, Pharm.D., BCPS
Kristine C. Willett, Pharm.D.
Cynthia P. Williams, B.S.Pharm.

ASHP Board of Directors Awards
Presentation

Honorary Membership
Roger W. Anderson, M.S.,
Dr.PH., FASHP, Head, Divi-
sion of Pharmacy (Retired),
University of Texas M.D.
Anderson Cancer Center,
Houston, TX

Roger W. Anderson, a long-
time ASHP member and sup-
porter, exemplifies excellence
and leadership in pharmacy
practice.

Dr. Anderson was vice president and head of the pharmacy
division at the University of Texas M.D. Anderson Cancer
Center in Houston, Texas for 26 years (1978–2004). He was
Senior Vice President and Chief Pharmacist with Medco
Health Solutions (2004 to 2008) and Chief Pharmacy Of-
fice of US Oncology (2009 to 2011). He also held positions
at Pharmacy Systems, Inc., Grant Hospital, and The Ohio
State University Hospital, all in Columbus, Ohio.

In his retirement Dr. Anderson serves on the advisory
boards of the University of Houston, The Ohio State Uni-
versity, and Ferris State University, represents ASHP on the
Board of Directors of the Center for Pharmacy Practice
Accreditation, and provides pharmacy consulting services
to a variety of organizations and individuals.

Dr. Anderson has been active with professional organiza-
tions throughout his career, serving on many advisory
committees and boards. He is a past president of the Cen-
tral Ohio Society of Hospital Pharmacists (1970), the Ohio
Society of Hospital Pharmacists (1973), and ASHP (1987).
He served on ASHP’s Board of Directors from 1983–86, the
Board of Pharmacy Specialties (BPS) from 1999 to 2005,
and the Texas State Board of Pharmacy from 2000 to 2006. He served as chair of BPS in 2003 and president of the Texas Board of Pharmacy from 2002 to 2003.

Dr. Anderson is the recipient of numerous awards, including distinguished alumnus awards from Ferris State University and The Ohio State University (The Jack Beal Award). In 1988, he received the Clifton J. Latiolais Award from The Ohio State University, and in 1992, he received the ASHP Harvey A.K. Whitney Award. He received the John W. Webb Lecture Award in 2001, was named a Fellow of ASHP in 2002, and received a lifetime achievement award from The Ohio State University in 2013.

Honorary Membership
William A. Gouveia, M.S., FASHP, Clinical Associate Professor of Pharmacy, School of Pharmacy, Northeastern University, Bouvé College of Health Sciences, and Associate Professor of Medicine, Tufts University School of Medicine, Boston, MA

William Gouveia, a long-time member and supporter of ASHP, is an active leader in pharmacy practice.

Currently an adjunct clinical professor of Pharmacy at Northeastern University School of Pharmacy, and associate professor at the Tufts University School of Medicine, both in Boston, Mr. Gouveia was director of pharmacy at Tufts Medical Center for 36 years. He was on the faculty at the Massachusetts College of Pharmacy and Health Sciences (1972-1998), and has practiced at the Children’s Hospital Medical Center in Boston and Massachusetts General Hospital.

Mr. Gouveia was a member of the ASHP Board of Directors (1986-1989) and served as vice chair (1983-1984) and chair (1990-1993) of the ASHP Commission on Goals. He has also served as a member of the ASHP Research and Education Foundation’s Advisory Panel on Awards.

A prolific author with nearly 140 publications to his credit, Mr. Gouveia served for many years on the editorial board of the American Journal of Health-System Pharmacy and is now Senior Contributing Editor, Pharmacy Practice Management.

He is a member of the Board of Overseers at the Mount Auburn Hospital in Cambridge, MA, and the advisory board of the Spanish Society of Hospital Pharmacists. He served on the board of directors of the Council on Pharmacy Accreditation from 2004-2009 and was elected its president in 2008.

A co-founder, in 1985, of the John W. Webb Visiting Professor Lecture Series, Mr. Gouveia has been recognized numerous times for his contributions to pharmacy practice. He is a recipient of the ASHP Foundation Achievement Award for Sustained Contributions to the Literature (1982), the John W. Webb Lecture Award (1989), and the Harvey A.K. Whitney Lecture Award (1999). He is a Fellow of ASHP (1993) and the Massachusetts Society of Health-System Pharmacists (2008). He was the first recipient of the award for Sustained Contribution to the American Journal of Health-System Pharmacy (2011) and is the first person named an honorary member of the Massachusetts Society of Health-System Pharmacists (2014).

Award of Excellence
The California Society of Health-System Pharmacists, Members and Staff, Sacramento, CA

The Award of Excellence recognizes individuals or groups of individuals for a specific, recent contribution or achievement that has advanced the ability of hospital and health-system pharmacists in the United States to serve the needs of patients.
The California Society of Health-System Pharmacists (CSHP), with the support of the California Pharmacists Association, worked tirelessly to introduce and gain support for SB 493—a bill that sought to expand the prescriptive authority of pharmacists licensed in the state in an effort to increase consumer access to medication therapy and other services.

CSHP drafted talking points to explain the problem, the solutions, and the purpose of the law. They also worked to engage other professional groups to build a multifaceted coalition. Once ready, CSHP organized members from across the state (from seasoned practitioners to pharmacy students) and encouraged them to voice their support for the bill by writing, calling, or visiting their local representatives. Through these organized efforts, CSHP was able to garner the support needed for the bill and it was signed into law on October 1, 2013.

SB 493, the first legislation to declare pharmacists are healthcare providers, calls for the inclusion of pharmacists in multidisciplinary teams. The new law creates the Advanced Practice Pharmacists category, which will authorize pharmacists to perform patient assessments, refer patients to other providers, and operate as collaborative drug therapy management pharmacists in ambulatory care settings. Pharmacists will also be able to provide oral contraception, nicotine replacement therapy, and travel medications called for by the U.S. Centers for Disease Control and Prevention. The law also created a uniform state-wide protocol allowing pharmacists to deliver immunizations, giving hospitals, health-systems, and payers several new tools to improve care and reduce costs.

This landmark effort marked an important first step towards the profession-wide goal of recognition of pharmacists as providers under the Social Security Act and serves as an example for similar efforts by state affiliates.

Incoming ASHP President Inaugural Address

John A. Armitstead, M.S., R.Ph., FASHP, System Director of Pharmacy Services at Lee Memorial Health System in Fort Myers, FL

John A. Armitstead is System Director of Pharmacy Services, Lee Memorial Health System, Fort Myers and Cape Coral, Florida. John obtained a Master of Science in Hospital and Clinical Pharmacy at Ohio State University and completed a Pharmacy Residency at Riverside Methodist Hospitals in Columbus, Ohio. He received a Bachelor of Science in Pharmacy from Ohio Northern University, Ada, Ohio.

Currently as System Director of Pharmacy Services at Lee Memorial Health System he is responsible for strategic planning, financial management, direction and coordination of pharmacy care provision in multi-hospital system consisting of over 240 pharmacists and pharmacy technicians providing services to patients of Cape Coral Hospital, The Children’s Hospital of Southwest Florida, Gulf Coast Medical Center, HealthPark Medical Center, Health Plan Pharmacy (Employee Prescription Services), Access Infusion (Home Care Infusion), Lee Memorial Hospital, Lee Pharmacy at Gulf Coast, Lee Pharmacy at HealthPark, Lee Pharmacy at LMH, LMHS Infusion Center, LMHS Regional Cancer Center and The Rehabilitation Hospital.

Previously John was Director of Pharmacy Services at University of Kentucky HealthCare, and Assistant Dean for Medical Center Pharmacy Services and Clinical Associate Professor at the University of Kentucky, College of Pharmacy. He is a past President of the Kentucky Society of Health-System Pharmacists and the Ohio Society of Health-System Pharmacists.
TUESDAY, JUNE 9
7:00 p.m.–10:00 p.m. Colorado Ballroom E, Lower Level 2, Denver Marriott City Center
Harvey A. K. Whitney Lecture Award Reception and Dinner

Enjoy an elegant evening in the company of your colleagues as we honor the recipient of this year’s Harvey A. K. Whitney Lecture Award, Sharon Murphy Enright, B.S.Pharm., M.B.A. The most prestigious honor awarded in health-system pharmacy, the Harvey A. K. Whitney Lecture Award is presented annually to an individual who has made an outstanding contribution to health-system pharmacy practice.

A coupon(s) for the dinner can be purchased while registering for the meeting (on-line or on the registration form) or during the meeting at Registration. Coupon(s) must be purchased by 2:00 p.m. on Monday, June 8. The cost is $120 and nonrefundable.

Seating at the dinner is reserved and coupons (received when you pick up your badge at the meeting) must be exchanged for a ticket/table selection by 2:00 p.m. on Monday, June 8 at the Customer Relations counter in the Registration area.

Attire is evening formal, black tie optional.

Sharon Murphy Enright, B.S.Pharm., M.B.A.

Sharon Murphy Enright is president and CEO of EnvisionChange LLC. A strong advocate for patient-focused pharmacy practice, Ms. Enright promotes progressive hospital and ambulatory care pharmacy practice models that take advantage of pharmacists’ medication-use expertise and training.

A popular speaker in the areas of pharmacy leadership, medication-use safety and quality, performance improvement, technology, and change management, Ms. Enright has developed and delivered hundreds of educational programs for pharmacists and other healthcare professionals. In her role with EnvisionChange LLC, Ms. Enright provides consulting services to healthcare systems, managed care organizations, and individual healthcare providers.

Ms. Enright has been a driving force for a number of ASHP initiatives, including the ASHP Foundation Pharmacy Leadership Academy, the Leadership Resource Center, Pharmacy Leadership Salon, and Leaders Innovation Master Series.

Prior to her work with EnvisionChange LLC, Ms. Enright served as Senior Manager, Health Science Advisory Services, National Service Line Leader for Medicare Part D and Pharmacy Managed Care, with Ernst & Young LLP from 2002–2006. She was head of pharmacy consulting services for Cardinal Health from 2000 to 2001. She served as President of the Enright Group, a consulting firm, from 1984 to 2000; and from 1985–1989, Ms. Enright was Executive Director of the Massachusetts Society of Hospital Pharmacists.

Early in her career, Ms. Enright also held several positions with ASHP, including as Director of the Division of Planning, Management, and Reimbursement; as Director of Membership Services; and as Executive Resident.

Ms. Enright is the recipient of numerous awards and is widely published in the clinical literature on issues such as patient-centered care, automation, workforce development, and pharmacy leadership.

Ms. Enright is a graduate of the University of Connecticut School of Pharmacy, Storrs, and The George Washington University School of Business and Government, Washington, D.C.
ASHP House of Delegates

All rooms are located in the Colorado Convention Center unless otherwise noted.

See the ASHP House of Delegates in action.
Saturday, June 6–Tuesday, June 9

Here’s a chance to have your say about ASHP activities and other related matters. The House of Delegates, the major policy-making body of ASHP, will convene at the Summer Meeting from June 6 through June 9. You are invited to share your views on policy proposals and comment on emerging issues at an Open Forum for members on Saturday and to watch the House of Delegates debate on critical pharmacy-related issues on Sunday and Tuesday.

Visit connect.ashp.org/sm15p3/hod for a schedule of activities and more.

House of Delegates Registration
Exhibit Hall A, Upper Level
- Saturday 11:00 a.m.–5:30 p.m.
- Sunday 7:30 a.m.–11:30 a.m.
  (After Sunday, delegates can register in the Executive Office)

Saturday, June 6
2:30 p.m.–4:30 p.m. Room 104, Street Level
Open Forum for Members

This session is the “Open Hearing of the House of Delegates.” Items scheduled for action by the House may be discussed as well as any matter of concern to ASHP members related to pharmacy practice. Discussion will be facilitated by the Chair of the House of Delegates, and the session will be attended by ASHP officers, members of the Board of Directors, and ASHP staff. The Open Forum is an excellent opportunity for all practitioners attending the Summer Meetings to bring emerging issues to the attention of ASHP leaders.

4:30 p.m.–5:30 p.m. Room 110, Street Level
Delegate Primer on HOD Processes
  (For all delegates and alternate delegates)
Open to new and current delegates, this session is designed to review and familiarize members of the House of Delegates with parliamentary procedures used during the meetings.

Sunday, June 7
7:30 a.m.–8:30 a.m. Room 111, Street Level
Federal Pharmacists Caucus
8:30 a.m.–9:30 a.m. Room 111, Street Level
Small and Rural Hospital Caucus
9:30 a.m.–11:30 a.m. Room 104, Street Level
House of Delegates Caucuses Facilitated by the Chair of the House
1:00 p.m.–5:00 p.m. Mile High Ballroom 3, Lower Level
First House of Delegates Meeting

Monday, June 8
12:15 p.m.–1:45 p.m. Room 104, Street Level
Meet the Candidates—Candidates for ASHP Offices to Go on the Record
Hear what each nominee for ASHP President, Board of Directors, and House of Delegates Chair has to offer the membership at the “Meet the Candidates” session starting at noon. Afterward, the candidates will answer members’ questions until 1:45 p.m.

Election of the 2015–16 ASHP President and 2015–18 members of the Board of Directors will occur during the annual balloting in August. An audio recording of the “Meet the Candidates” session will be available from the ASHP Web site in time for the annual balloting.

The Chair of the House of Delegates will be elected and installed Tuesday, June 9, during the House’s Second Meeting, which starts at 4:00 PM.

5:30 p.m.–6:30 p.m. Denver Ballroom, Lower Level 2, Delegate Reception
Denver Marriott City Center
Open to delegates and alternate delegates.

Tuesday, June 9
12:15 p.m.–2:00 p.m. Room 104, Street Level
House of Delegates Caucuses Facilitated by the Chair of the House
4:00 p.m.–6:00 p.m. Mile High Ballroom 3, Lower Level
Second House of Delegates Meeting
ASHP House of Delegates Agenda
Presiding–James A. Trovato, Chair, House of Delegates

FIRST MEETING
Mile High Ballroom 3, Lower Level
Sunday, June 7, 1:00 p.m.–5:00 p.m.

1. CALL TO ORDER
2. ROLL CALL OF DELEGATES
3. REPORT ON PREVIOUS SESSION
4. COMMITTEES OF THE HOUSE
   a. REPORT OF COMMITTEE ON RESOLUTIONS
   b. REPORT OF COMMITTEE ON NOMINATIONS
5. BOARD OF DIRECTORS REPORTS
   a. COUNCIL ON PUBLIC POLICY
      Kathleen S. Pawlicki, Board Liaison
   b. COUNCIL ON THERAPEUTICS
      Paul W. Bush, Board Liaison
   c. COUNCIL ON EDUCATION AND WORK-FORCE DEVELOPMENT
      Ranee Runnebaum, Board Liaison
   d. COUNCIL ON PHARMACY MANAGEMENT
      Donald E. Letendre, Board Liaison
   e. COUNCIL ON PHARMACY PRACTICE
      Steven S. Rough, Board Liaison
   f. SECTION OF PHARMACY INFORMATICS AND TECHNOLOGY
      Kathleen S. Pawlicki, Board Liaison
6. STATEMENTS OF CANDIDATES, HOUSE OF DELEGATES CHAIR
7. REPORT OF TREASURER
8. RECOMMENDATIONS OF DELEGATES
9. ANNOUNCEMENTS
10. ADJOURNMENT OF FIRST MEETING

SECOND MEETING
Mile High Ballroom 3, Lower Level
Tuesday, June 9, 4:00 p.m.–6:00 p.m.

1. CALL TO ORDER
2. QUORUM CALL
3. ELECTION OF CHAIR OF THE HOUSE OF DELEGATES
4. COMMITTEES OF THE HOUSE
   a. REPORT OF COMMITTEE ON RESOLUTIONS
5. REPORTS OF OFFICERS
   a. PRESIDENT AND CHAIR OF THE BOARD
      Christene M. Jolowsky
   b. CHIEF EXECUTIVE OFFICER
      Paul W. Abramowitz
6. UNFINISHED AND NEW BUSINESS
7. RECOMMENDATIONS OF DELEGATES
8. INSTALLATION OF OFFICERS AND DIRECTORS
9. ANNOUNCEMENTS
10. ADJOURNMENT OF SESSION
Student Programming

All rooms are located in the Colorado Convention Center unless otherwise noted.

SUNDAY, JUNE 7

8:00 a.m.–9:30 a.m. Room 405, Street Level
Meet and Greet with Pharmacy Leaders
Planned in cooperation with the ASHP Pharmacy Student Forum
Facilitated by Sara J. White, students will get to connect and interact with top practice leaders in an exclusive and intimate environment.
Lead Facilitator: Sara J. White, M.S., FASHP, (Ret) Director of Pharmacy, Stanford Hospital and Clinics, Palo Alto, CA
Facilitators:
Roger W. Anderson, M.S., Dr.P.H., (Ret.) Head, Division of Pharmacy, M.D. Anderson Cancer Center, Houston, TX
Dan Ashby, M.S., FASHP, Chief Pharmacy Officer, Pharmacy Administration, The Johns Hopkins Health System, Baltimore, MD
Toby Clark, M.S., FASHP, (Ret.) Director of Pharmacy, University of Illinois at Chicago, Medical Center/College of Pharmacy, Chicago, Lead Surveyor, ASHP Accreditation Services Division, Charleston, SC
Sharon Murphy Enright, M.B.A., Course Master and Primary Faculty, Pharmacy Leadership Academy, President, Envision Change LLC, Atlanta, GA
Lisa M. Gersema, Pharm.D, FASHP, BCPS, Director of Pharmacy, United Hospital, St Paul, MN
Harold N. Godwin, M.S., FASHP, FAPhA, Professor of Pharmacy Practice and Associate Dean, University of Kansas School of Pharmacy for Clinical And Medical Center Affairs, Kansas City
Marianne Ivey, Pharm.D., M.P.H., FASHP, Associate Professor, University of Cincinnati, Pharmacy Practice and Administrative Sciences, Cincinnati, OH
Pamela A. Ploetz, B.S.Pharm., (Ret.) Associate Director of Pharmacy, University of Wisconsin Hospital and Clinics, Madison

9:30 a.m.–12:30 p.m. Room 405, Street Level
Student Leadership Development Workshop
Planned in cooperation with the ASHP Pharmacy Student Forum
Calling all future leaders in the profession of pharmacy! This interactive session will expose you to the state of our profession, and open your eyes to leadership opportunities that await you. Learn practical ways to incorporate leadership into your professional life and start building an impressive CV!
Prese...
A Student's Guide to Provider Status
This session will shed light on the profession-wide effort to gain provider status: where it's been, where it is going, and the road it will take. You'll get details on current provider status legislation, the Pharmacy and Medically Underserved Areas Enhancement Act (H.R. 592/S. 314), and learn what you, and your SSHP, can do to build support for the bills and help ensure that pharmacists are recognized as providers.

Presenters:
- Nicholas J. Gentile, Director, State Grassroots Advocacy and Political Action, ASHP, Bethesda, MD
- Aretha Hankinson, Director, Advocacy Communications, ASHP, Bethesda, MD

MONDAY, JUNE 8

1:45 p.m.—2:45 p.m. Room 405, Street Level
A Student’s Guide to Provider Status

12:45 p.m.—1:30 p.m. Room 405, Street Level
Exclusively for Students—Career and Life Success
You are almost there! You've been successful in college; now it's time to transition to the next step and live happily ever after. In this session with a respected leadership development expert and top thought leader, you will gain valuable insight into making life success a reality.

Presenter:
- John Spence, Top 500 Leadership Development Expert, John Spence LLC, Gainesville, FL

Before a Complicated Dosage Tests You
Whether you are a student, a new pharmacist, or a long-time practitioner, it's vital that you stay on top of new developments in pharmacokinetics. And now there's an effective way to learn and strengthen your dosing and scheduling skills: ASHP's Basic & Applied Pharmacokinetics Self Assessment.

The only book of its kind, Self Assessment is a valuable companion to any PK text, reinforcing your abilities through a wide variety of problems and exercises. Test your skills with equations and the application of pharmacokinetic parameters. Questions require general knowledge as well as calculations, and you'll find detailed solutions as well.

Nine companion YouTube videos support your learning, and the author also provides data to guide in dosing and monitoring patients. John E. Murphy, PharmD, author of ASHP's Clinical Pharmacokinetics, 5th Edition, has created this Self Assessment review book as a valuable tool for testing your present knowledge and learning the latest dosage approaches.

Visit www.ashp.org/murphyassessment to order or call 866-279-0681.

Order code: P4382
Member price: $35
List price: $39

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Advancing Ambulatory Care Practice Through Education

In March 2014, ASHP launched the sold out, inaugural Ambulatory Care Conference (AC2). In 2015 this popular new conference will now be offered as part of the Summer Meetings!

AC2 is designed by practitioners for practitioners who want to advance ambulatory care practice and provides education on hot topics and emerging issues in the practice of Ambulatory Care pharmacy. Our goal is to create a vision for forward thinking pharmacy practice models that will ensure pharmacists are members of the ambulatory healthcare team who are responsible and accountable for patient and healthcare system outcomes.

The Ambulatory Care Conference is an event for forward-thinking pharmacists who strive to advance ambulatory care practice.

Attending the Ambulatory Care Conference provides you the best opportunity to participate in a community focused on advancing ambulatory care practice. You will learn and discuss hot topics and emerging issues facing contemporary practice, while networking with colleagues who face similar challenges in ambulatory settings. The conference will prepare you and your organization to advance patient care in a dynamic ambulatory environment.

At the conference, practitioners will utilize research that aims to further validate the clinical and economic outcomes of pharmacists' contributions to patient care in ambulatory settings; enhance your knowledge and skills in key areas such as billing and measuring outcomes, and provide tools and resources for prioritizing your organizational next steps and patients in need of higher level drug therapy management.

Who Should Attend?

• Pharmacists at all levels of practice
• Technicians
• Consultants
• Vendor representatives
• Other professionals who are interested in current healthcare trends

What's next for ambulatory care pharmacy models? How do we develop and train the next generation of practitioners and what impact do outcomes have on your services? These questions and more will be answered as you participate in education and networking events with clinicians across all pharmacy settings.

Highlights Include:

Earn over 18hrs of CE on topics including: Outcomes, Operations/Billing Management, Transitions of Care, Clinical Controversies and Competencies.

A special thanks to the following supporters of the Ambulatory Care Conference. For more information, visit our “Collaborators” page on the meeting site at www.ashp.org/ambulatorycareconference
DAILY SCHEDULE

All rooms are located in the Colorado Convention Center unless otherwise noted.

Important: All educational sessions within the Ambulatory Care Conference were planned in cooperation with the ASHP Section of Ambulatory Care Practitioners and the AC2 Educational Planning Group.

SATURDAY, JUNE 6

7:30 a.m.–6:00 p.m.
BPS Review Courses
See page 815 for more information.

8:00 a.m.–5:30 p.m.
Grand Ballroom, Second Level, Sheraton Denver Downtown Hotel, 340B University Tower Building
See page 816 for more information.

4:30 p.m.–5:30 p.m.
Room 207, Street Level
Drug Supply Chain Security Act (DSCSA)—Updates and Actions for Health System Pharmacy
Networking Session Hosted by the ASHP Government Affairs Division

Facilitators:
David Chen, R.Ph., M.B.A., Senior Director, Section of Pharmacy Practice Managers, ASHP
Joseph Hill, M.A., Director Federal Legislative Affairs, ASHP

The DSCSA for trading partners and wholesalers has gone into effect and “dispensers” (i.e., pharmacies) will need to ensure they are prepared to manage the information received from these business partners. This webinar will provide an overview of the DSCSA and the related aspects that impact pharmacy’s record keeping and compliance.

Discussion Topics:
• Describe key aspects of the DSCSA and critical dates for pharmacy.
• Discuss actions pharmacy leaders and supply chain managers need to consider.

SUNDAY, JUNE 7

8:00 a.m.–10:00 a.m.
Four Seasons Ballroom 4, Lower Level
The Joint Commission Update for 2015—Focus on Acute Care Settings

Planned in cooperation with the Joint Commission Resources

Activity #: 0204-0000-15-111-L03-P
0204-0000-15-111-L03-T
2.00 Contact Hours/Application-based

Presenter:
Jeannell Mansur, Pharm.D., Practice Leader, Medication Safety, Joint Commission Resources, Oak Brook, IL

Note: This session is also approved for physician and nursing CE credit.

Accurate interpretation of The Joint Commission’s medication standards and medication related National Patient Safety Goals is critical to organizational planning for a successful accreditation outcome. This session will provide a foundation for identifying and planning for challenging medication-related standards, but also will include a discussion of key medication safety issues showcased in Sentinel Event Alerts published by the Joint Commission. The Joint addresses, through its standards and publications, medication-related national issues that continue to impact hospital pharmacy practice. An update on these topics will be presented.

Learning Objectives:
• Describe two significant changes to the medication management standards and National Patient Safety Goals for 2014 and 2015.
• Evaluate methods to assess performance around safe use of single dose vials.
• Consider a plan to address at least one key issue found on survey relating to the top four challenging medication management standards relevant to your practice setting.
• List two new interpretations for medication-related standards anticipated for 2015.
Learning Objectives:
• Identify and describe the dimensions of three or more profound ethical challenges facing health-system pharmacists today or that are likely to face them in the near future.
• Apply a reflective process for addressing ethical dilemmas.
• Identify self-development tools, and practice using those tools, in fostering courage, resiliency, and integrity in support of professional autonomy and ethics.

Presenters:
Herdley Paolini, Ph.D., Founder and CEO, The Institute for Physician Integration, Orlando, FL
William Zellmer, B.S.Pharm., M.P.H.

1:45 p.m.–2:45 p.m. Room 402, Street Level
Reducing Medication Safety Risks in Ambulatory Care Settings
Planned in cooperation with the Institute for Safe Medication Practices
Activity #: 0204-0000-15-136-L05-P
0204-0000-15-136-L05-T
1.00 Contact Hours/Knowledge-based

Program Chair:

Moderator:

As the patient care continuum shifts towards increasingly complex care in ambulatory settings, practitioners in these locations are challenged by the complexity of medication use. Procedures involving moderate sedation, hazardous drugs administration in office-based infusion clinics, vaccine preparation and administration, and other medication-related treatments have become more common, creating challenges for the safe management of medications. With the reality of limited pharmacy and nursing resources, ambulatory care organizations, and the ambulatory component of health systems must plan for a safe approach to such growing safety risks and provide a plan for safe medication management in these unique settings.

Learning Objectives:
• Describe unique medication safety system challenges evident in ambulatory care settings.
• Identify unrecognized at-risk behaviors found in ambulatory care.
• Discuss key safety strategies necessary to reduce risks associated with medication use in ambulatory settings.

Presenters:
Christina Michalek, B.S.Pharm., R.Ph.
Susan Paparella, MSN, RN, Vice President, ISMP, Horsham, PA
Assess Your Priorities for Practice Advancement: The Longest Journey Starts with a Single Step

Activity #: 0204-0000-15-137-L04-P
0204-0000-15-137-L04-T
0.75 Contact Hours/Knowledge-based

Moderator:
James Stevenson, Pharm.D., President, Visante, Inc., Northville, MI

What’s the next step you and your organization should take to advance ambulatory practice? Expert faculty from different practice settings, who were involved with the development and testing of the new ASHP Ambulatory Assessment Tool, will share perspectives and priorities gained from the assessment. Attendees are encouraged to complete the assessment beforehand to facilitate full participation and discussion with colleagues. Similar to the Pharmacy Practice Model Initiative (PPMI) Hospital Self-Assessment (http://www.ppmiassessment.org/), the recently-released PPMI Ambulatory Care Self-Assessment helps pharmacists determine how their ambulatory care practice sites align with the Ambulatory Care PPMI recommendations. Upon completing the questions, the tool enables users to develop a list of priorities, or “Action List”, individualized to their practices. Users then have the opportunity to generate reports comparing their data with aggregate data collected from similar ambulatory settings within their state and across the country. A list of resources is also provided to assist ambulatory pharmacists in implementing change.

Learning Objectives:
• Describe available tools and resources to support advancing ambulatory practice in different settings.
• Discuss your top priorities to advance ambulatory practice.

Presenters:
Jennifer Buxton, Pharm.D., CPP, Director of Pharmacy, Cape Fear Clinic, Wilmington, NC
Samuel Johnson, Pharm.D., FCCP, Clinical Pharmacy Specialist, Kaiser Permanente Colorado, Denver
James Stevenson, Pharm.D.

Provider Status for Pharmacists Networking Session Hosted by the ASHP Section of Ambulatory Care Practitioners’ Executive Committee

Facilitator:
Mollie Ashe Scott, Pharm.D., BCACP, CPP, Regional Associate Dean, UNC Eshelman School of Pharmacy, Asheville, NC

This Networking Session will highlight important issues surrounding provider status for pharmacists, including updates on state and federal legislation, strategies for advocacy and implementation, and professional workforce readiness. Facilitators will provide a brief overview of each of these topics, and participants will have the opportunity to share their thoughts and insights throughout the session.

Discussion Topics:
• Provider status legislation update
• Advocacy and implementation
• Workforce readiness and career retooling

Grand Opening Reception in the Exhibit Hall
Ticket required. See page 817 for more information.
Daily Schedule

Monday, June 8

8:00 a.m.–9:15 a.m.  Mile High Ballroom 3, Lower Level
Summer Meetings Opening Session
How Do You Know? Evidence in a Patient-Networked Age
Activity #: 0204-0000-15-100-L04-P 0204-0000-15-100-L04-T
1.00 Contact Hours/Application-based
Presenter: Jamie Heywood, Founder, Patients Like Me
Note: This session is also approved for physician and nursing CE credit.

What’s it like to take? Will it help me? What impact will it have on my health? How safe is it for me? What should I look out for? How do I live well while taking this? We are all keenly aware of the gaps in evidence that are intended to provide individualized answers to these questions. Each treatment decision is a unique experiment where individual history, disease variation, health, co-morbidities, genetics, behavior and environment all affect the outcome. The best we do today is to try to interpret population studies in the context of the individual facing the choice.

Together we can imagine a world where the experience of each individual and their treatment informs the next—a world where we learn how the variables which make us the same and different affect treatment. That simple statement outlines perhaps one of our greatest scientific and operational challenges of our time: how to shift from an almost exclusive reliance on blinded trials to building a continuous learning system that collects, develops, analyzes and interprets real world patient data. Evidence from the emerging patient networked age is already changing how patients think about treatment and disease. As we sit at the beginning of this new era, lets discuss the challenges and opportunities in building a continuous learning system with the patient as a central partner.

Learning Objectives:
• Discuss an online quantitative personal research platform that places the patient as a central partner.
• List three benefits of collecting, analyzing, and interpreting real world patient data.
• Describe how patient self-reported health data may shift exclusive reliance on blinded-trials.
• Assess the impact of integrating real-world patient data into your practice setting.
• Evaluate potential barriers to integrating real-world patient data into your practice setting.

See page 819 for more information.

9:30 a.m.–11:00 a.m.  Exhibit Hall A, Upper Level
ConnectLive!
A new setting for information exchange that will revolutionize how you network.
See page 820 for more information.

11:00 a.m.–2:00 p.m.  Exhibit Hall A, Upper Level
Exhibit Program and Lunch Hosted by ASHP
Lunch service 11:30 a.m.–12:30 p.m. (ticket required).
See page 802 for more information.

11:30 a.m.–12:30 p.m.  Room 110, Street Level
ASHP-PAC Donors Reception
See page 817 for more information.

12:00 p.m.–2:00 p.m.  Exhibit Hall A, Upper Level
Promotional Theater
A Deeper Dive into Chronic Heart Failure and its Impact on Health Systems, Supported by Novartis Pharmaceuticals Corporation. Contact Trisha Purcell, Novartis Pharmaceuticals Corporation; trisha.purcell@novartis.com

12:15 p.m.–1:30 p.m.  Exhibit Hall A, Upper Level
Posters
See page 873 for listing.
DAILY SCHEDULE

2:00 p.m.–3:30 p.m. Room 402, Street Level
Breakthrough Session: Raise Your Visibility, Raise Your Value! How Strategic Marketing Can Reinforce Your Value and Role as a Provider

Activity #: 0204-0000-15-120-L04-P
0204-0000-15-120-L04-T
1.50 Contact Hours/Knowledge-based

Presenter:
David Avrin, The Visibility Coach, Denver, CO

Business marketing and branding pro David Avrin is known internationally as the “Visibility Coach.” An in-demand keynote speaker, author and executive coach, David Avrin brings his highly-informative, thought-provoking and always engaging business marketing programs to audiences across North America and around the world. He is the author of three books including the Amazon best-seller: It’s Not Who You Know, It’s Who Knows You! (John Wiley & Sons). By leveraging his business and healthcare expertise, David will deliver strategies for enhancing value and visibility to your patients, your healthcare team and your C-suite.

Learning Objectives:
• Explore proven marketplace examples which create and reinforce the impression you want to create in the minds of others.
• Better articulate how you want your professional role to be perceived by your patients, the healthcare team, and members of the C-Suite.
• Outline a visibility plan which continually communicates your unique role and credibility.

3:45 p.m.–5:15 p.m. Room 402, Street Level
Outcomes That Matter

Activity #: 0204-0000-15-121-L04-P
0204-0000-15-121-L04-T
1.50 Contact Hours/Application-based

Program Chair/Moderator:
Mary Ann Kliethermes, Pharm.D., Vice Chair Ambulatory Care, Professor, Chicago College of Pharmacy, Midwestern University, Downers Grove, IL

Changing payment models accompanying the integrated team based patient care movement necessitates a focus on patient outcomes. The ability of the team to improve patient care and overall clinical, humanistic and economical outcomes is paramount. Equally important is to understand the contribution and value of each team member to outcome goals, in particular pharmacist services. During this session pharmacists from an ACO health system, a physician group, and integrated provider/payer organization will discuss how to incorporate, measure and attribute patient quality outcomes of pharmacist services.

Learning Objectives:
• Identify patient outcomes measures which can be impacted by ambulatory pharmacists services.
• Select outcomes measures critical to both pharmacist services and your organizations sustainability.
• List strategies to integrate outcome measurement into daily pharmacist practice.
• Describe strategies to overcome barriers in determining value and attribution of pharmacist services to patient outcomes.
• List key stakeholders within your organization to report pharmacists impact on patient outcome measures.

Presenters:
Mary Ann Kliethermes, Pharm.D.
Daniel Rehrauer, Pharm.D., Senior Clinical Pharmacy Program Manager, HealthPartners, Bloomington, MN
Christie Schumacher, Pharm.D., BCPS, Associate Professor Pharmacy Practice, Midwestern University CCP, Downers Grove, IL
Sarah Thompson, Pharm.D., CDOE, Director, Clinical Pharmacy Services, Coastal Medical, Providence, RI

6:00 p.m.–8:30 p.m. Colorado Ballroom E, Lower Level 2, Denver Marriott City Center

Promotional Theater

The Business of Insourcing Sterile IV Compounding Services, Sponsored by Baxter US Hospital Products. Contact: Angela Abraham, ASHP; 301-664-8738
Tuesday, June 9

8:00 a.m.–10:00 a.m.  Room 402, Street Level
Billing Essentials in Ambulatory Care: Current Opportunities and Future Possibilities
Activity #: 0204-0000-15-122-L04-P
2.00 Contact Hours/Application-based
Presenter:
Amy Stump, Pharm.D., BCPS, Quality Improvement Clinical Pharmacist, Associates in Family Medicine, PC, Fort Collins, CO
Payment for clinical pharmacist services in the ambulatory care setting still remains the biggest challenge to integration of pharmacists into the healthcare team. Participants will review current billing opportunities as well as develop skills to be ready to bill for services when provider status is attained.
Learning Objectives:
• Discuss incident-to billing rules for both hospital and physician-based clinic practice settings.
• Describe the new Medicare supervision requirements for billing Chronic Care Management codes.
• Given a patient encounter note, select the appropriate evaluation and management code to bill for the patient visit.

10:15 a.m.–11:00 a.m.  Mile High Ballroom 3, Lower Level
The Inaugural and Awards
See page 821 for more information.

11:00 a.m.–2:00 p.m.  Exhibit Hall A, Upper Level
Exhibit Program and Lunch Hosted by ASHP
Lunch service 11:30 a.m.–12:30 p.m. (ticket require)
See page 802 for more information.

Promotional Theater
The Connected Patient Experience: People, Platforms, Process, Supported by Omnicell. Contact: Jennifer George, Omnicell; jennifer.george@omnicell.com

12:15 p.m.–1:30 p.m.  Exhibit Hall A, Upper Level
Posters
See page 873 for listing.

12:30 p.m.–1:30 p.m.  Room 110, Street Level
Presenting the Value of Pharmacy through Clinical Pharmacy Metrics
Networking Session Hosted by the ASHP Section of Clinical Specialists and Scientists
Facilitator:
Linda Gore Martin, Pharm.D., M.B.A., BCPS, FASHP, Dean and Professor, University of Wyoming, School of Pharmacy, Laramie, WY
This networking session will discuss the following topics as it relates to Clinical Pharmacy Metrics.
Discussion Topics:
• What clinical metrics are currently being used by your organization? How are these being used by the organization to demonstrate the value of the clinical pharmacy services?
• How extensively are the Pharmacy Accountability Measures Work Group’s pharmacy accountability metrics incorporated into your organization? How could full adaptation of these demonstrate additional value to your organization?
• What is the individual pharmacist’s role in capturing the data? What opportunities and barriers to full demonstration of value?
2:00 p.m.–3:30 p.m. Room 402, Street Level
Models of Practice in Ambulatory Care: One Size Doesn’t (Need to) Fit All
Activity #: 0204-0000-15-123-L04-P
1.50 Contact Hours/Application-based

Program Chair/Moderator:
Kristina Butler, Pharm.D., BCACP, Manager, Clinical Pharmacy Specialists, Providence Medical Group, Portland, OR

Ambulatory care pharmacy practice encompasses a wide variety of practice settings and models. Facilitators will present an overview of common models with examples. Participants will have the opportunity to apply information with cases and small group activities.

Learning Objectives:
• Describe at least five different practice models in ambulatory care.
• Identify key variables to assess when performing a needs assessment for a practice.
• Recommend 1-2 models of practice that would best meet the needs presented in different scenarios.
• Design a novel ambulatory care pharmacy practice model for the future.

Presenters:
Kristina Butler, Pharm.D., BCACP
Karen Gunning, Pharm.D., BCPS, Professor of Pharmacotherapy & Family and Preventive Medicine, University of Utah, Salt Lake City

3:45 p.m.–5:00 p.m. Room 402, Street Level
Transitions of Care: Best Practices and the Learner Experience
Activity #: 0204-0000-15-124-L04-P
1.25 Contact Hours/Knowledge-based

Presenter:
John Moorman, Pharm.D., BCPS, Pharmacotherapy Specialist, Endocrinology, Akron General Medical Center, Akron, OH

This session will introduce various best practices in transitions of care, and will also discuss various metrics used in tracking outcomes for these programs. Finally, some ideas and strategies for student and resident involvement will be shared and discussed.

Learning Objectives:
• Summarize the components of successful care transitions programs.
• Analyze outcomes associated with care transitions programs.
• Describe methods to allow for student and resident involvement in care transitions programs.

7:00 p.m.–10:00 p.m. Colorado Ballroom E, Lower Level 2, Denver Marriott City Center
Harvey A. K. Whitney Lecture Award Reception and Dinner
Ticket required. See page 825 for more information.
Daily Schedule

Wednesday, June 10

8:00 a.m.–10:00 a.m.  Room 402, Street Level
Clinical Controversies in Ambulatory Care Practice: When Guidelines Conflict
Activity #:  0204-0000-15-125-L01-P
2.00 Contact Hours/Application-based
Program Chair/Moderator:
Stuart Haines, Pharm.D., BCACP, Professor and Vice Chair for Clinical Services, University of Maryland School of Pharmacy, Baltimore

The most recent clinical practice guidelines for the management of patients with hypertension, dyslipidemias, and diabetes have several discordant recommendations related to goals of therapy and drug therapy selection. This leaves many ambulatory care practitioners wondering which guidelines to follow. During this session we will explore the evidence behind the conflicting recommendations made by national and international guidelines and attempt to apply them to patient cases.

Learning Objectives:
• Describe the best practices for developing clinical practice guidelines as recommended by the Institute of Medicine in 2011.
• Identify apparently conflicting recommendations in the clinical practice guidelines published in the past 3 years related to the management of hypertension, dyslipidemia, and diabetes.
• State the major themes of evidence used to support the apparently conflicting recommendations found in recent clinical practice guidelines.
• Given a case, analyze the available data and decide which clinical practice recommendations should be followed.

Presenters:
Stuart Haines, Pharm.D., BCACP
Jennifer Trujillo, Pharm.D., Associate Professor, University of Colorado, Aurora
Joseph Vande Griend, Pharm.D., Associate Professor, University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences, Aurora

10:00 a.m.–10:30 a.m.  Lobby A, Street Level
Energy Break

10:30 a.m.–12:30 p.m.  Room 402, Street Level
Tool Time for Ambulatory Care Practitioners
Activity #:  0204-0000-15-126-L04-P
2.00 Contact Hours/Application-based
Program Chair/Moderator:
Seena Haines, Pharm.D., BCACP, Professor Of Pharmacy Practice & Associate Dean For Faculty, Palm Beach Atlantic University, Gregory School Of Pharmacy, West Palm Beach, FL

Expectations for health-system pharmacists to lead the effort in improving patient outcomes are high, especially as the profession advances with new practice models. Participants in this session will analyze the current and future challenges in their practice setting as related to developmental priorities of necessary skills and competencies in order to achieve established expectations, structural support, peer competencies, and accountability. Participants will design quality improvement initiatives to improve patient care, and explore tools to align with the evolving demands in developing and expanding ambulatory care services.

Learning Objectives:
• Restate the Institute for Healthcare Improvement (IHI) triple aim as it relates to optimizing health system performance and health metrics where pharmacists have an impact.
• Explore team-based models to efficiently and effectively structure workflow processes to include health care professionals, technicians, students, and residents.
• Expand pharmacist and technician roles through advanced training, competency based assessment, and continuous professional development.

Presenters:
Kelly Epplen, Pharm.D., BCACP, Associate Professor of Clinical Pharmacy Practice and Administrative Sciences, James L. Winkle College of Pharmacy, University of Cincinnati, Cincinnati, OH
Seena Haines, Pharm.D., BCACP
Mollie Ashe Scott, Pharm.D., BCACP, Regional Associate Dean, UNC Eshelman School of Pharmacy, Asheville,
Jenny Van Amburgh, Pharm.D., BCACP, Clinical Professor & Assistant Dean for Academic Affairs, Northeastern University—School of Pharmacy, Boston, MA
Informatics Institute
Innovate, Implement, Interactive, Ideas, Improve

After a successful introductory year, ASHP is pleased once again to offer an ingenious line-up of innovative educational programming, networking opportunities, expert speakers, interactive vendor exhibits and more at the ASHP 2015 Summer Meetings!

Is this your inaugural experience with i-squared? Designed for Informaticists from all practice areas, the goal of the Institute is to provide high quality, advanced programming targeted to improve utilization of healthcare technology in all patient care settings.

The Institute will provide high quality, advanced programming designed for informaticists to innovate and improve the use of information technology in all patient care settings.

Who Should Attend?
• Pharmacists
• Pharmacy Technicians
• Health information technology professionals
• Systems Developers
• Policy Makers
• Consultants
• Vendor Representatives
• Other professionals involved in the collection and dissemination of health information

NEW THIS YEAR! The Informatics Institute will host a joint session with the Medication Safety Collaborative focusing on smart pump technology. Attendees will come away with innovative ideas on how to be proactive in your organizations to prevent medication errors. Join us for 4 days of interactive learning that you can immediately incorporate and implement into your pharmacy practice.

Highlights Include:
• Earn over 18 hours of CE on topics including: specialty pharmacy, transitions of care, cognitive burdens of EHR systems, and pediatric informatics
• Informatics focused keynote address
• Peer knowledge-sharing events and social gatherings
• CPHIMS Review and Recertification
• Targeted sessions presented by faculty of experts
• Vendor exhibits and networking
• Grand opening reception and lunch buffets

A special thanks to the following supporters of the Institute. For more information, visit our “Collaborators” page on the meeting site at www.ashp.org/isquared
SUNDAY, JUNE 7
8:00 a.m.–10:00 a.m. Room 301, Street Level
Pediatric Informatics: Considerations for a Smaller Population
Activity #: 0204-0000-15-101-L04-P
2.00 Contact Hours/Knowledge-based

Program Chair/Moderator: Seth Hartman, Pharm.D., Informatics Pharmacist, Oregon Health & Science University, Portland

Expert faculty will lead the discussion on four informatics considerations to be taken when working with a pediatric population. Topics include general principles to consider when working with a pediatric population, design theories and principles for EHR build, smart pump considerations for the smaller population and challenges and solutions to BCMA for pediatric patients.

Learning Objectives:
• Explain the different models for human information processing and how they relate to decision making processes.
• Define how humans prioritize information processing at times when there is more information than can be simultaneously processed and how this relates to EHR design.
• List five outcome measures that, considered together, indicate good usability.
• Outline the basic methods used to evaluate the usability of information technology and the strengths and weaknesses of each.
• Describe the potential benefits of usability for health information technology implementation, healthcare providers, and patients.

Presenters:
Brenda Dodson, Pharm.D., Senior Clinical Pharmacy Informaticist, Boston Children's Hospital, Boston, MA
Sean O’Neill, Pharm.D., Medication Safety Officer, The Children’s Hospital of Philadelphia, Philadelphia, PA

Informatics Institute

This program has been approved for up to 18.75 continuing education (CE) hours for use in fulfilling the continuing education requirements of the Certified Professional in Healthcare Information and Management Systems (CPHIMS).

Important: All educational sessions within the Informatics Institute were planned in cooperation with the ASHP Section of Informatics & Technology.
10:15 a.m.–12:15 p.m.  
Room 301, Street Level  
Up and Coming Challenges for IV Room Workflow Automation and IV Robotics  
Activity #: 0204-0000-15-102-L04-P  
0204-0000-15-102-L04-T  
2.00 Contact Hours/Knowledge-based  

Program Chair/Moderator:  
Seth Hartman, Pharm.D., Informatics Pharmacist, Oregon Health & Science University, Portland  

Automation has altered the pharmacy dispensing process; however, this technology is fraught with new challenges, including the standardization that is required for single versus multi-hospital systems. This session will address issues related to automation and incorporate a review of current literature on thoughtful efficiencies. Attendees will explore optimal integration models between the EHR and ancillary system and benefits that can be gained from implementation.

Learning Objectives:
• Describe the benefits and challenges associated with integration of barcode scanning in the IV room.  
• Outline the differences between volumetric and gravimetric preparation methods in an IV room.  
• List the reasons why IV room robotics are advantageous for sterile preparation.  
• Expound upon throughput efficiency of IV room staff, and whether these are gains in safety or losses in productivity.  
• Summarize the positive and negative aspects of established interoperability between IV room robotics and the EHR for preparation of hazardous sterile products.

Presenters:
Lindsey Amerine, Pharm.D., M.S., Assistant Director of Pharmacy, University of North Carolina Hospitals, Chapel Hill  
Christopher Boreen, Health-System Pharmacy Administration Resident, Cleveland Clinic, Cleveland, OH  
Winson Soo-Hoo, R.Ph., M.B.A., Senior Director, Pharmacy Services, The Children’s Hospital of Philadelphia, Philadelphia, PA  
Angela Yaniv, Pharm.D., Assistant Director, Cleveland Clinic, Cleveland, OH

1:45 p.m.–3:45 p.m.  
Room 301, Street Level  
Human Information Processing, Usability and Cognitive Burden of Current EHRs  
Activity #: 0204-0000-15-103-L04-P  
0204-0000-15-103-L04-T  
2.00 Contact Hours/Knowledge-based  

Program Chair/Moderator:  
Seth Hartman, Pharm.D., Informatics Pharmacist, Oregon Health & Science University, Portland  

Expert faculty will outline models for heuristic versus systematic information processing, priority of decision making and examine the relationship to EHR models. Using these conceptual models, attendees will explore how to use the principles of usability and decision support to enhance both the user experience and benefits derived from the EHR.

Learning Objectives:
• Define how humans prioritize information processing at times when there is information overload and how this related to current EHRs.  
• Describe the ways in which current EHR design does not support these models and designate ways this may be improved.  
• Identify the core principles of usability, its background and future.  
• Outline the applicability of usability principles to EHR design and testing.  
• Describe potential benefits of usability applied to decision support models both current and future.

Presenters:
Seth Hartman, Pharm.D.  
Alissa Russ, Ph.D., Research Scientist, Department of Veterans Affairs, Indianapolis, IN
Networking Session Hosted by the ASHP Section of Pharmacy Informatics and Technology

Facilitator:
David Aguero, Pharm.D., Pharmacy Supervisor, Inova Health System, Alexandria, VA

Let’s have an informatics debate and philosophical discussion on practice! As experts in the field of informatics, we all have opinions and ideas about our profession. Now is a great time to talk about the state of meaningful use, centralized vs. decentralized informatics teams, human factors engineering concepts, training for informatics pharmacists, provider status, and more vital topics. Join us for an exciting networking session and join in a lively chat about informatics.

Grand Opening Reception in the Exhibit Hall
Ticket required. See page 817 for more information.

Monday, June 8
8:00 a.m.–9:15 a.m. Mile High Ballroom 3, Lower Level
Summer Meetings Opening Session

How Do You Know? Evidence in a Patient-Networked Age
Activity #: 0204-0000-15-100-L04-P
0204-0000-15-100-L04-T
1.00 Contact Hours/Application-based

Presenter:
Jamie Heywood, Founder, Patients Like Me

Note: This session is also approved for physician and nursing CE credit.

What’s it like to take? Will it help me? What impact will it have on my health? How safe is it for me? What should I look out for? How do I live well while taking this? We are all keenly aware of the gaps in evidence that are intended to provide individualized answers to these questions. Each treatment decision is a unique experiment where individual history, disease variation, health, co-morbidities, genetics, behavior and environment all affect the outcome. The best we do today is to try to interpret population studies in the context of the individual facing the choice.

Together we can imagine a world where the experience of each individual and their treatment informs the next—a world where we learn how the variables which make us the same and different affect treatment. That simple statement outlines perhaps one of our greatest scientific and operational challenges of our time: how to shift from an almost exclusive reliance on blinded trials to building a continuous learning system that collects, develops, analyzes and interprets real world patient data. Evidence from the emerging patient networked age is already changing how patients think about treatment and disease. As we sit at the beginning of this new era, let’s discuss the challenges and opportunities in building a continuous learning system with the patient as a central partner.

Learning Objectives:
• Discuss an online quantitative personal research platform that places the patient as a central partner.
• List three benefits of collecting, analyzing, and interpreting real world patient data.
• Describe how patient self-reported health data may shift exclusive reliance on blinded-trials.
• Assess the impact of integrating real-world patient data into your practice setting.
• Evaluate potential barriers to integrating real-world patient data into your practice setting.

See page 819 for more information.
DAILY SCHEDULE

9:30 a.m.–11:00 a.m.   Exhibit Hall A, Upper Level
ConnectLive!

A new setting for information exchange that will revolu-
tionize how you network. See page 820 for more informa-
tion.

11:00 a.m.–2:00 p.m.   Exhibit Hall A, Upper Level
Exhibit Program and Lunch Hosted by ASHP
Lunch service 11:30 a.m.–12:30 p.m. (ticket required). See page 802 for more information.

11:30 a.m.–12:30 p.m.   Room 110, Street Level
ASHP-PAC Donors Reception
See page 817 for more information.

12:00 p.m.–2:00 p.m.   Exhibit Hall A, Upper Level
Promotional Theater
A Deeper Dive into Chronic Heart Failure and its Impact on Health Systems, Supported by Novartis Pharmaceuticals Corporation. Contact Trisha Purcell, Novartis Pharmaceuticals Corporation; trisha.purcell@novartis.com

12:15 p.m.–1:30 p.m.   Exhibit Hall A, Upper Level
Posters
See page 873 for listing.

2:00 p.m.–3:30 p.m.   Room 301, Street Level
Breakthrough Session: Real-Time Clinical Decision Support: Clinical Applications and Lessons Learned
Activity #: 0204-0000-15-104-L04-P
1.50 Contact Hours/Knowledge-based

Presenter:
Craig Rusin, Ph.D.

Dr. Craig Rusin has been waving a flag of innovation and opportunity throughout the Texas Medical Center. He has been an advocate for a new way of thinking about the valuable biological information that medical monitoring technology is able to generate. In this session, Dr. Rusin will discuss how data analytics of clinical decision support (CDS) provides critical information, yet is often overlooked due to its overwhelming nature. Common misconceptions persist surrounding CDS and alarm management and the debate continues. How do we leverage the data to improve and drive quality decision making as well as build better systems which positively impact patient care?

Learning Objectives:
• Identify retrospective versus real time challenges of CDS and strategies to approach them.
• Compare and contrast existing technologies including relational and non-relational databases which address the inefficiencies of CDS.
• Explore modeling and analysis methodologies and tools which can leverage data sets to improve decision making.
• Discuss two real life applications in the critical care setting that impact clinical outcomes.
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<th>Time</th>
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<th>Event Description</th>
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<tr>
<td>3:45 p.m.–5:15 p.m.</td>
<td>Room 301, Street Level</td>
<td>Healthcare Reform and the Financial Impact on Pharmacy Billing in the Electronic Medical Record (EMR)</td>
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<td>1.50 Contact Hours/Knowledge-based</td>
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<td><strong>Program Chair:</strong></td>
<td>Samm Anderegg, Pharm.D., BCPS, Pharmacy Manager, Oncology, Georgia Regents Medical Center, Augusta</td>
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<td><strong>Moderator:</strong></td>
<td>Philip Johnson, M.S., R.Ph., Oncology Director, Premier Inc., Tampa, FL</td>
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<td>With healthcare reform comes payment reform. Changes to the traditional fee-for-service model to a capitated, bundle payment system will force pharmacy administrators and informaticists to make changes to charge description masters and billing formulas. This session will prepare you for the changes ahead.</td>
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<td><strong>Learning Objectives:</strong></td>
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<td>• Describe the business model transition from fee-for-service to capitated bundle payment after the passage of the Affordable Care Act (ACA).</td>
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<td>• Examine strategies for updating charge description masters and billing formulas to adapt to ACA payment changes.</td>
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<td>• Discuss the importance of a systems-based approach to updating constantly changing information within pharmacy information systems.</td>
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<td><strong>Presenters:</strong></td>
<td>Staci Hermann, Pharm.D., M.S., Assistant Director of Pharmacy, Lahey Hospital and Medical Center, Burlington, MA</td>
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<td>Philip Johnson, M.S., R.Ph.</td>
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<td>6:00 p.m.–8:30 p.m.</td>
<td>Colorado Ballroom E, Lower Level 2, Denver Marriott City Center</td>
<td>Promotional Theater</td>
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<td><strong>The Business of Insourcing Sterile IV Compounding Services,</strong> Sponsored by Baxter US Hospital Products. Contact: Angela Abraham, ASHP; 301-664-8738</td>
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<td><strong>Tuesday, June 9</strong></td>
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<td>8:00 a.m.–10:00 a.m.</td>
<td>Room 301, Street Level</td>
<td>Applying Informatics in the Specialty Pharmacy Arena</td>
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<td>2.00 Contact Hours/Knowledge-based</td>
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<td><strong>Program Chair/Moderator:</strong></td>
<td>David Mulherin, Pharm.D., BCPS, Clinical Informatics Pharmacist, Vanderbilt University Medical Center, Nashville, TN</td>
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<td>Current innovations and challenges associated with specialty pharmacy informatics, including the unique requirements of managing the care of specialty pharmacy patients and possible functionality gaps in current technology, will be delved into by expert faculty and participants.</td>
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<td><strong>Learning Objectives:</strong></td>
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<td>• Discuss the unique challenges associated with medication management in specialty pharmacy informatics.</td>
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<td>• Recognize examples of informatics methods being used to assist with specialty pharmacy case management.</td>
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<td>• Describe the use of 3rd party and site-developed applications to assist with specialty pharmacy workflow.</td>
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<td><strong>Presenters:</strong></td>
<td>Andy Pulvermacher, Pharm.D., Specialty Services Supervisor, University of Wisconsin Hospital and Clinics, Madison</td>
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<td>Jack Temple, M.S., Pharm.D., Manager, Information Technology and Medication Use Systems, University of Wisconsin Health, Madison</td>
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<td>William Walker, Pharm.D., Principal Domain Specialist, Vanderbilt University Medical Center, Nashville, TN</td>
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<td>10:15 a.m.–11:00 a.m.</td>
<td>Mile High Ballroom 3, Lower Level</td>
<td>The Inaugural and Awards</td>
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<td>See page 821 for more information.</td>
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<td>11:00 a.m.–2:00 p.m.</td>
<td>Exhibit Hall A, Upper Level</td>
<td>Exhibit Program and Lunch Hosted by ASHP</td>
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<td>Lunch service 11:30 a.m.–12:30 p.m. (ticket required).</td>
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12:00 p.m.–2:00 p.m.  Exhibit Hall A, Upper Level  
**Promotional Theater**

*The Connected Patient Experience: People, Platforms, Process, Supported by Omnicell. Contact: Jennifer George, Omnicell; jennifer.george@omnicell.com*

12:15 p.m.–1:30 p.m.  Exhibit Hall A, Upper Level  
**Posters**

See page 873 for listing.

12:30 p.m.–1:30 p.m.  Room 110, Street Level  
**Presenting the Value of Pharmacy through Clinical Pharmacy Metrics**

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

**Facilitator:**  
Linda Gore Martin, Pharm.D., M.B.A., BCPS, FASHP, Dean and Professor, University of Wyoming, School of Pharmacy, Laramie, WY

This networking session will discuss the following topics as it relates to Clinical Pharmacy Metrics.

**Discussion Topics:**

- What clinical metrics are currently being used by your organization? How are these being used by the organization to demonstrate the value of the clinical pharmacy services?
- How extensively are the Pharmacy Accountability Measures Work Group’s pharmacy accountability metrics incorporated into your organization? How could full adaptation of these demonstrate additional value to your organization?
- What is the individual pharmacist’s role in capturing the data? What opportunities and barriers to full demonstration of value?

2:00 p.m.–3:30 p.m.  Room 301, Street Level  
**Developing the Next Generation**

*Activity #: 0204-0000-15-107-L04-P  
1.50 Contact Hours/Knowledge-based*

**Program Chair/Moderator:**  
David Mulherin, Pharm.D., BCPS, Clinical Informatics Pharmacist, Vanderbilt University Medical Center, Nashville, TN

How are we doing preparing pharmacists to be competent in informatics? Explore recent Pharm.D. curriculum requirements for informatics expectations of new graduates, the Partners in E program, and examples of pharmacy elective courses for students specifically pursuing a career in informatics that enhance practice.

**Learning Objectives:**

- List current ACPE mandated informatics competencies.
- Describe the content of the Partners in E program.
- Discuss examples of focused pharmacy informatics electives currently being taught in colleges of pharmacy.

**Presenters:**

Beth Breeden, D.Ph., M.S., Assistant Professor of Pharmacy Practice and Director of Graduate Studies in Health Care Informatics, Lipscomb University College of Pharmacy, Nashville, TN

Timothy Cutler, Pharm.D., Professor of Clinical Pharmacy, University of California San Francisco, San Francisco

3:45 p.m.–5:00 p.m.  Room 301, Street Level  
**Insights and Updates into Emerging Documentation Coding**

*Activity #: 0204-0000-15-108-L04-P  
1.25 Contact Hours/Knowledge-based*

**Program Chair/Moderator:**  
David Mulherin, Pharm.D., BCPS, Clinical Informatics Pharmacist, Vanderbilt University Medical Center, Nashville, TN

Meaningful use standards have given rise to a critical need for knowledge regarding ICD-10, SNOMED CT and RxNorm. Informaticists are now being required to stay current with these coding systems and promote their use in EHR systems through collaboration with healthcare vendors.

**Learning Objectives:**

- Outline implications for upcoming ICD-10 implementation.
- Identify pharmacy specific SNOMED CT codes for promotion with healthcare vendors.
- Discuss interoperability of ICD-10, SNOMED CT and RxNorm in EHR systems.

**Presenters:**

Jeff Bubp, Pharm.D., Manager, Clinical Editorial, First DataBank, Inc., South San Francisco, CA

George Robinson, R.Ph., Senior Product Manager, First DataBank, Inc., Indianapolis, IN

7:00 p.m.–10:00 p.m.  Colorado Ballroom E, Lower Level 2, Denver Marriott City Center  
**Harvey A. K. Whitney Lecture Award Reception and Dinner**

Ticket required.

See page 825 for more information.
**Lost In Translation: Leveraging Technology to Communicate Transitions of Care Across The Continuum**

*Program Chair/Moderator:*
Sam Anderegg, Pharm.D., BCPS, Pharmacy Manager, Oncology, Georgia Regents Medical Center, Augusta

Care transitions can be a complicated experience for patients and health care providers. Many changes to overall plan of care must be communicated to the patient, family, and health professional who will be taking over care. Pharmacy informatics teams have the opportunity to build and use innovative solutions to automate information flow between different care settings. In this session, you will hear two speakers talk about the tools they use to facilitate patient care during times when patients are most vulnerable.

**Learning Objectives:**
- Identify common issues with information transfer between different care settings.
- Examine informatics solutions that integrate the processes of medication histories, reconciliation, and discharge communication while satisfying Meaningful Use Stage 2 criteria.
- Evaluate strategies for documenting pharmacy services using standard vocabularies and terminologies.
- Identify needs for normalizing data to exchange to other healthcare facilities via the Consolidated-Clinical Document Architecture.

**Presenters:**
Sam Anderegg, Pharm.D., BCPS  
Wing Liu, Pharm.D., Product Manager, Vanderbilt University Medical Center, Nashville, TN

10:00 a.m.–10:30 a.m.  
**Energy Break**

10:30 a.m.–12:30 p.m.  
**Smarter Pumps: Integrating Our Way to a Safer Medication Future**

*Program Chair:*
Sam Anderegg, Pharm.D., BCPS, Pharmacy Manager, Oncology, Georgia Regents Medical Center, Augusta  
*Moderator:*
Chris Loucks, M.S., Pharm.D., Pharmacy Operations Manager, The University of Kansas Hospital, Kansas City

Note: This session is also approved for physician and nursing CE credit.

Smart pumps systems are now standard of care in most health-systems and a valuable technology for ensuring medications are infused accurately and safely. New developments in smart pump technology allow for surveillance and data mining capabilities in addition to integration with the electronic medical record. This session will highlight best practices and advanced features of smart pumps and how they impact aspects of the medication use process to improve medication safety and drug distribution.

**Learning Objectives:**
- Examine best practices for smart pump drug implementation and maintenance, including the determination of drug library settings and alarm parameters.
- Determine how new developments in advanced smart pump technologies such as infusion surveillance features and data mining capabilities can impact institutions.
- Discover how interoperability of advanced smart pump technology with EHRs can improve medication safety and drug distribution within a health-system as well as demonstrate meaningful use opportunities for smart pump vendors.

**Presenters:**
Michael Brownlee, Pharm.D., M.S., Chief Pharmacy Officer, University of Iowa Health Care, Iowa City  
Chris Loucks, M.S., Pharm.D.  
Tina Suess, M.H.A., B.S.N., Manager Medication Safety Integration, Lancaster General Health, Lancaster, PA
MEDICATION SAFETY COLLABORATIVE
A conference for your entire Patient Safety Team
Medication Safety Collaborative
A Conference for Your Entire Patient Safety Team

After more than doubling our attendance and tripling our collaborating support last year, we are excited to once again join together interprofessional teams of health-system based clinicians and administrators who focus on quality and patient safety. Participants will not only leave with CE in their field (CME, CPE, Nursing CE); but will work collaboratively to envision a safer healthcare system; and engage with their peers to discover solutions. Most importantly, they will leave with key takeaways they can then execute into their practice.

The Medication Safety Collaborative is for interprofessional teams of health-system based clinicians and administrators who focus on quality and patient safety.

Who Should Attend?
• Front-line staff
• Patient safety officers
• Pharmacists
• Physicians
• Nurses
• Medication safety officers
• Quality professionals
• Risk managers
• Administrators

Learn the top safety issues; get updated from the Joint Commission; discover scalable solutions to improve safety and quality; and hear real-life examples of solutions on priority issues all while engaging and networking with other safety professionals.

Highlights Include:
• Earn over 18hrs of continuing education for pharmacists, nurses, and physicians
• Practitioners with CPPS certification earn recertification hours for all educational sessions
• Peer networking with entire patient safety team
• Safety focused keynote address
• Targeted sessions presented by faculty of experts
• Vendor exhibits and networking
• Grand opening reception and lunch buffets

A special thanks to the following supporters of the third annual Collaborative.
For more information, visit our “Collaborators” page on the meeting site at www.medicationsafetycollaborative.org
**DAILY SCHEDULE**

All rooms are located in the Colorado Convention Center unless otherwise noted.

**Important:** All educational sessions within the Medication Safety Collaborative were planned in cooperation with the ASHP Section of Inpatient Care Practitioners’ Advisory Group on Medication Safety and are eligible for credits for recertification for the Certified Professional in Patient Safety (CPPS). In addition, all educational sessions within the Medication Safety Collaborative are approved for pharmacy, physician, and nursing education credits, unless otherwise noted.

**SUNDAY, JUNE 7**
8:00 a.m.—10:00 a.m.  Four Seasons Ballroom 4, Lower Level

The Joint Commission Update for 2015—Focus on Acute Care Settings

Planned in cooperation with the Joint Commission Resources

Activity #:  0204-0000-15-111-L03-P
            0204-0000-15-111-L03-T
            2.00 Contact Hours/Application-based

**Presenter:**
Jeannell Mansur, Pharm.D., Practice Leader, Medication Safety, Joint Commission Resources, Oak Brook, IL

Accurate interpretation of The Joint Commissions medication standards and medication related National Patient Safety Goals is critical to organizational planning for a successful accreditation outcome. This session will provide a foundation for identifying and planning for challenging medication-related standards, but also will include a discussion of key medication safety issues showcased in Sentinel Event Alerts published by the Joint Commission. The Joint addresses, through its standards and publications, medication-related national issues that continue to impact hospital pharmacy practice. An update on these topics will be presented.

**Learning Objectives:**
- Describe two significant changes to the medication management standards and National Patient Safety Goals for 2014 and 2015.
- Evaluate methods to assess performance around safe use of single dose vials.
- Consider a plan to address at least one key issue found on survey relating to the top four challenging medication management standards relevant to your practice setting.
- List two new interpretations for medication-related standards anticipated for 2015.

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**SATURDAY, JUNE 6**

7:30 a.m.—6:00 p.m.

**BPS Review Courses**

See page 815 for more information.

8:00 a.m.—5:30 p.m.  Grand Ballroom, Second Level, Sheraton Denver Downtown Hotel, 340B University Tower Building

See page 816 for more information.

4:30 p.m.—5:30 p.m.  Room 207, Street Level

Drug Supply Chain Security Act (DSCSA)—Updates and Actions for Health System Pharmacy

Networking Session Hosted by the ASHP Government Affairs Division

**Facilitators:**
David Chen, R.Ph., M.B.A., Senior Director Section of Pharmacy Practice Managers, ASHP; and Joseph Hill, M.A., Director Federal Legislative Affairs, ASHP

The DSCSA for trading partners and wholesalers has gone into effect and “dispensers” (i.e., pharmacies) will need to ensure they are prepared to manage the information received from these business partners. This webinar will provide an overview of the DSCSA and the related aspects that impact pharmacy’s record keeping and compliance.

**Discussion Topics:**
- Describe key aspects of the DSCSA and critical dates for pharmacy.
- Discuss actions pharmacy leaders and supply chain managers need to consider.

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**SUNDAY, JUNE 7**

8:00 a.m.—10:00 a.m.  Four Seasons Ballroom 4, Lower Level

The Joint Commission Update for 2015—Focus on Acute Care Settings

Planned in cooperation with the Joint Commission Resources

Activity #:  0204-0000-15-111-L03-P
            0204-0000-15-111-L03-T
            2.00 Contact Hours/Application-based

**Presenter:**
Jeannell Mansur, Pharm.D., Practice Leader, Medication Safety, Joint Commission Resources, Oak Brook, IL

Accurate interpretation of The Joint Commissions medication standards and medication related National Patient Safety Goals is critical to organizational planning for a successful accreditation outcome. This session will provide a foundation for identifying and planning for challenging medication-related standards, but also will include a discussion of key medication safety issues showcased in Sentinel Event Alerts published by the Joint Commission. The Joint addresses, through its standards and publications, medication-related national issues that continue to impact hospital pharmacy practice. An update on these topics will be presented.

**Learning Objectives:**
- Describe two significant changes to the medication management standards and National Patient Safety Goals for 2014 and 2015.
- Evaluate methods to assess performance around safe use of single dose vials.
- Consider a plan to address at least one key issue found on survey relating to the top four challenging medication management standards relevant to your practice setting.
- List two new interpretations for medication-related standards anticipated for 2015.
**DAILY SCHEDULE**

10:15 a.m.–12:15 p.m.  Four Seasons Ballroom 4, Lower Level

**Key Strategies for Improving Medication Safety: An ISMP Perspective for 2015–Focus on Acute Care Settings**

*Planned in cooperation with the Institute for Safe Medication Practices*

Activity #: 0204-0000-15-112-L05-P  
0204-0000-15-112-L05-T  
2.00 Contact Hours/Application-based

**Program Chair:**

**Moderator:**
Michael Cohen, B.S., M.S., President, Institute for Safe Medication Practices, Horsham, NY

In this session participants will utilize information from ISMPs national medication error reporting database and other work to identify areas to improve medication safety in hospitals. Three key areas are the focus of this session: the most important medication safety issues reported over the past 12 months with potential strategies and resources to assist in resolving these issues; an update on the national implementation status of 2014-15 ISMP Targeted Medication Safety Best Practices in Hospitals including the results of a national consensus conference on reducing medication errors with non-infusion intravenous medications; and common issues reported with hospital-based medication information technology systems, in particular the electronic health record (EHR), and computerized order entry systems (both prescriber and pharmacy-based), with suggested strategies to reduce IT-based medication errors.

**Learning Objectives:**
- List the top five most important medication safety issues reported to ISMP in the past 12 months.
- Describe the three most implemented, and three least implemented best practices from the 2014-15 ISMP Targeted Medication Safety Best Practices in Hospitals.
- Cite a website where guidelines can be found from a national expert consensus conference in October 2014 on reducing medication errors with non-infusion intravenous medications.
- Evaluate common medication errors caused in-part by CPOE/order entry systems that are relevant to your practice setting.
- Assess at least three strategies that have been shown to be effective to reduce medication errors through changes in your EHR and computerized order entry systems.

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1:45 p.m.–3:45 p.m.  Four Seasons Ballroom 4, Lower Level

**Accelerating Change to Improve Outcomes: Different is Not Always Better, But Better is Always Different!**

Activity #: 0204-0000-15-113-L05-P  
0204-0000-15-113-L05-T  
2.00 Contact Hours/Application-based

**Program Chair/Moderator:**
Paul Milligan, Pharm.D., System Medication Safety Pharmacist, BJC Healthcare, Saint Louis, MO

Clinicians are often charged with implementing changes in a department, hospital, or system, however, skills to accomplish this task are often learned by trial and error. Change management tools designed to allow an organization to identify and address the planning, managing, deployment and sustainment of any transformational change will be presented. This interactive session will use real case examples and audience input to demonstrate successful and unsuccessful change management at both individual and system hospitals.

**Learning Objectives:**
- Identify seven essential elements of accelerating change and transitions that need to be incorporated for sustainable improved outcomes.
- Determine the most appropriate tools and approaches to support each change elements.
- Explain how the formula, Effectiveness = function of Quality of the Technical Solution multiplied by the Acceptance by the Culture, can be used during both the planning and implementation phases of a change initiative.
- Develop a plan to appropriately and effectively apply change elements and tools to organizational change at your practice setting.

**Presenters:**
Robert Barrett, Senior Performance Improvement Manager, BJC Healthcare, St. Louis, MO  
Paul Milligan, Pharm.D.  
Lisa Olenski, M.B.A., Executive Director, Transformation Support, Center for Clinical Excellence, BJC HealthCare, St. Louis, MO  
Karyn Sullivan, Pharm.D., M.P.H., Associate Professor of Pharmacy Practice, MCPHS University, Worcester, MA
Monday, June 8
8:00 a.m.—9:15 a.m. Mile High Ballroom 3, Lower Level
Summer Meetings Opening Session

How Do You Know? Evidence in a Patient-Networked Age

Activity #: 0204-0000-15-100-L04-P
0204-0000-15-100-L04-T
1.00 Contact Hours/Application-based

Presenter:
Jamie Heywood, Founder, Patients Like Me

What’s it like to take? Will it help me? What impact will it have on my health? How safe is it for me? What should I look out for? How do I live well while taking this? We are all keenly aware of the gaps in evidence that are intended to provide individualized answers to these questions. Each treatment decision is a unique experiment where individual history, disease variation, health, co-morbidities, genetics, behavior and environment all affect the outcome. The best we do today is to try to interpret population studies in the context of the individual facing the choice.

Together we can imagine a world where the experience of each individual and their treatment informs the next—a world where we learn how the variables which make us the same and different affect treatment. That simple statement outlines perhaps one of our greatest scientific and operational challenges of our time: how to shift from an almost exclusive reliance on blinded trials to building a continuous learning system that collects, develops, analyzes and interprets real world patient data. Evidence from the emerging patient networked age is already changing how patients think about treatment and disease. As we sit at the beginning of this new era, let’s discuss the challenges and opportunities in building a continuous learning system with the patient as a central partner.

Learning Objectives:
• Discuss an online quantitative personal research platform that places the patient as a central partner.
• List three benefits of collecting, analyzing, and interpreting real world patient data.
• Describe how patient self-reported health data may shift exclusive reliance on blinded-trials.
• Assess the impact of integrating real-world patient data into your practice setting.
• Evaluate potential barriers to integrating real-world patient data into your practice setting.

See page 819 for more information.
DAILY SCHEDULE

9:30 a.m.–11:00 a.m.   Exhibit Hall A, Upper Level

ConnectLive!
A new setting for information exchange that will revolutionize how you network.
See page 820 for more information.

11:00 a.m.–2:00 p.m.   Exhibit Hall A, Upper Level
Exhibit Program and Lunch Hosted by ASHP
Lunch service 11:30 a.m.–12:30 p.m. (ticket required).
See page 802 for more information.

11:30 a.m.–12:30 p.m.   Room 110, Street Level
ASHP-PAC Donors Reception
See page 817 for more information.

Promotional Theater
A Deeper Dive into Chronic Heart Failure and its Impact on Health Systems, Supported by Novartis Pharmaceuticals Corporation. Contact Trisha Purcell, Novartis Pharmaceuticals Corporation; trisha.purcell@novartis.com

12:15 p.m.–1:30 p.m.   Exhibit Hall A, Upper Level
Posters
See page 873 for listing.

2:00 p.m.–3:30 p.m.   Four Seasons Ballroom 4, Lower Level
Breakthrough Session: Translating Current Research to Practice
Activity #:  0204-0000-15-114-L05-P
            0204-0000-15-114-L05-T
            1.50 Contact Hours/Application-based

Program Chair/Moderator:
Natasha Nicol, Pharm.D., Director, Consulting and Patient Safety, Cardinal Health, Pawleys Island, SC

Integrating effective solutions to your medication and patient safety challenges is essential to optimizing care and outcomes. Dr. Shojania will discuss the top research papers of 2014 and address how the evidence-based patient safety interventions and effective strategies identified in these papers can be translated into practice. His work has appeared in leading journals, including the New England Journal of Medicine, the Journal of the American Medical Association, the British Medical Journal, and the Canadian Medical Association Journal. Dr. Shojania received a John M. Eisenberg Patient Safety Award for work in patient safety that has had an impact at a national level. Participants will walk-away with new insights to implement in practice.

Learning Objectives:
• Identify at least three findings from key patient safety publications in the last year.
• Describe how the findings relate to overall patient and medication safety imperatives.
• Analyze the results and recommendations of recently published papers to apply in your practice and/or your organization.

Presenter:
Kaveh Shojania, M.D., Editor, BMJ Quality & Safety, Toronto, Ontario, Canada
Changing the Way We’ve Always Done It: Standardizing Adult IV Concentrations Statewide
Activity #: 0204-0000-15-115-L04-P 0204-0000-15-115-L04-T
1.50 Contact Hours/Application-based
Program Chair/Moderator:
Todd Walroth, Pharm.D., BCPS, Pharmacy Manager–Clinical Services, Eskenazi Health, Indianapolis, IN

In the hospital, errors involving IV infusions have the greatest potential to cause significant harm to patients. Standardizing and limiting the number of available drug concentrations of IV solutions has been shown to reduce error, been identified as a best practice and has been added as a national patient safety goal by The Joint Commission. This session will provide take home actions for attendees to use to implement standardized IV concentrations within their hospital, region or statewide including: identifying business plan elements, developing an implementation checklist and assembling an ongoing quality assurance plan.

Learning Objectives:
• Examine the rationale for developing standardized IV concentrations.
• Establish actions to take at a single site, health-system, city-wide, and state-wide to identify and implement a standardized concentration list.
• Determine benefits and barriers with standardizing IV concentrations on a large scale.
• Design a plan to ensure ongoing quality review and assessment of safety outcomes.

Presenters:
Daniel Degnan, Pharm.D., M.S., Senior Project Manager, Purdue University College of Pharmacy, Indianapolis, IN
Jennifer Reddan, Pharm.D., Director, Center for Medication Management, Indiana University Health, Indianapolis
Todd Walroth, Pharm.D., BCPS

Promotional Theater
The Business of Insourcing Sterile IV Compounding Services, Sponsored by Baxter US Hospital Products. Contact: Angela Abraham, ASHP; 301-664-8738

TUESDAY, JUNE 9
8:00 a.m.–10:00 a.m. Four Seasons Ballroom 4, Lower Level
“Yes, We CAN Eliminate Serious Harm from Healthcare!”–Leadership and Collaboration as Successful Strategies
Activity #: 0204-0000-15-116-L05-P 0204-0000-15-116-L05-T
2.00 Contact Hours/Application-based
Program Chair/Moderator:
Natasha Nicol, Pharm.D., Director, Consulting and Patient Safety, Cardinal Health, Pawleys Island, SC

We all hear about the difficulties in trying to make healthcare safer, and work passionately to prevent harm every day. Yet we often struggle with how to achieve our goals. This session features three speakers who all come from different experiences, with different stories and backgrounds but have all found that through effective leadership and meaningful, well-designed collaboration, harm can be reduced in healthcare. This session is sure to be thought-provoking and guaranteed to send attendees back home with implementable ideas, no matter their size facility.

Learning Objectives:
• Discuss the tenets surrounding leadership in safety initiatives.
• Describe the steps and sacrifices necessary to form effective collaborative agreements.
• Evaluate the development of a large-scale collaborative, and how this may be replicated on any scale.

Presenters:
Nick Lashutka, President, Ohio Children’s Hospitals’ Solutions for Patient Safety, Columbus
Stephen Muething, M.D., Vice President for Safety, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH
Natasha Nicol, Pharm.D.

10:15 a.m.–11:00 a.m. Mile High Ballroom 3, The Inaugural and Awards Lower Level
See page 821 for more information.

11:00 a.m.–2:00 p.m. Exhibit Hall A, Upper Level
Exhibit Program and Lunch Hosted by ASHP
Lunch service 11:30 a.m.–12:30 p.m. (ticket required).
See page 802 for more information.
**DAILY SCHEDULE**

12:00 p.m.–2:00 p.m.  
**Promotional Theater**  
*The Connected Patient Experience: People, Platforms, Process,* Supported by Omnicell. Contact: Jennifer George, Omnicell; jennifer.george@omnicell.com

12:15 p.m.–1:30 p.m.  
**Exhibit Hall A, Upper Level**  
*Posters*  
See page 873 for listing.

12:30 p.m.–1:30 p.m.  
**Room 110, Street Level**  
*Presenting the Value of Pharmacy through Clinical Pharmacy Metrics*  
*Networking Session Hosted by the ASHP Section of Clinical Specialists and Scientists*  
**Facilitator:**  
Linda Gore Martin, Pharm.D., M.B.A., BCPS, FASHP, Dean and Professor, University of Wyoming, School of Pharmacy, Laramie, WY  
This networking session will discuss the following topics as it relates to Clinical Pharmacy Metrics.  
**Discussion Topics:**  
- What clinical metrics are currently being used by your organization? How are these being used by the organization to demonstrate the value of the clinical pharmacy services?  
- How extensively are the Pharmacy Accountability Measures Work Group’s pharmacy accountability metrics incorporated into your organization? How could full adaptation of these demonstrate additional value to your organization?  
- What is the individual pharmacist’s role in capturing the data? What opportunities and barriers to full demonstration of value?

2:00 p.m.–3:30 p.m.  
**Four Seasons Ballroom 4,**  
*Translating Data Into Action: Using Information to Optimize Patient Care*  
*Activity #:* 0204-0000-15-117-L05-P  
1.50 Contact Hours/Application-based  
*Program Chair/Moderator:*  
John Hertig, Pharm.D., M.S., Associate Director, Purdue Center for Medication Safety Advancement, Indianapolis, IN  
Accurate data must be captured and then used to optimize patient care, ensuring these new processes align with operational workflow and technology systems. Specifically, improved methods are needed to proactively measure and reduce adverse drug events, while improving the quality of care. Finding the right data is important, but translating that data into actionable patient outcomes is paramount. This session is designed to describe current methods used to collect and analyze data, use that information to build reliable indicators of safe patient care, and, most importantly, demonstrate how data can be integrated into processes that result in optimized patient care at the bedside.  
**Learning Objectives:**  
- Describe methods to identify and collect pertinent data.  
- Develop strategies for incorporating information into actionable scorecards and dashboards.  
- Discuss various methods used to translate data into optimized patient outcomes.  
**Presenters:**  
Karl Gumpper, B.S. Pharm., BCPS, Pharmacy Informatics Manager, Boston Children’s Hospital, Boston, MA  
John Hertig, Pharm.D., M.S.  
Joy Meier, Pharm.D., Clinical Pharmacy Specialist/Data Analyst, Department of Veterans Affairs Sierra Pacific VISN (21), Martinez, CA
**DAILY SCHEDULE**

3:45 p.m.–5:00 p.m.  Four Seasons Ballroom 4, Lower Level

“The Impossible Dream”: Safe, High Quality, and Patient Centered Care . . . Our Perspective on a Broken Healthcare System

Planned in cooperation with the American Association for Physician Leadership

Activity #: 0204-0000-15-118-L05-P
0204-0000-15-118-L05-T
1.25 Contact Hours/Application-based

**Presenter:**
Sherri Loeb, B.S.N., RN, Registered Nurse/Research Coordinator, Advocate Lutheran General Hospital, Park Ridge, IL

Sherri Loeb BSN, RN will talk about the healthcare journey she shared with her late husband Jerod Loeb, PhD, Joint Commission Executive Vice President for Healthcare Quality Evaluation, following his diagnosis of stage IV metastatic prostate cancer. Sherri will discuss the difficulty that they encountered navigating the system, obtaining safe, high quality care, that also encompassed patient centered compassionate care, patient engagement and shared decision making. Even with a combined 65 years of experience the communication between patient and the system was close to impossible to navigate. By sharing their story, Sherri hopes to help find ways to change this and enlighten not only the healthcare community, but the lay community as well on ways to make their “Impossible Dream” come true.

**Learning Objectives:**
- Compare and contrast ideal patient-centered care with reality.
- Evaluate your organization's systems and processes related to medication reconciliation, administration, and education and how they may impact patient safety.
- Explore your organization's systems and processes that can be improved to be more patient and family centered.
- Assess your organization's enhancers and barriers to making patient and family-centered changes.

7:00 p.m.–10:00 p.m.  Colorado Ballroom E, Lower Level 2, Denver Marriott City Center

Harvey A. K. Whitney Lecture Award Reception and Dinner
Ticket required. See page 825 for more information.

**WEDNESDAY, JUNE 10**

8:00 a.m.–10:00 a.m.  Four Seasons Ballroom 4, Lower Level

**Strategies Worth Sharing: Medication Safety**

Activity #: 0204-0000-15-119-L05-P
0204-0000-15-119-L05-T
2.00 Contact Hours/Application-based

**Program Chair:**
Jennifer Robertson, Pharm.D., BCPS, Medication Use Policy Coordinator, St. Jude Children's Research Hospital, Memphis, TN

**Moderator:**
Michael Cohen, B.S., M.S., President, Institute for Safe Medication Practices, Horsham, PA

Participate in this popular session and you will walk-away with ideas and tactics to implement at your practice to enhance medication safety and outcomes. Expert faculty will share their practical solutions to relevant safety issues, including: heparin use in pediatric patients, Insulin U-500, patient-controlled analgesia, and metric weight implementation.

**Learning Objectives:**
- Evaluate specific medication safety best practice examples that could be implemented at your practice setting.
- Apply medication safety strategies to a practice cases.

**Presenters:**
Michael Cohen, B.S., M.S.
Sondra May, Pharm.D., Medication Safety Coordinator, University of Colorado Hospital, Aurora
Lois Parker, B.S. Pharm, Clinical Lead, Pediatrics, Massachusetts General Hospital, Boston
Rebecca Prevost, B.S., Pharm.D., Medication Safety Officer, Florida Hospital, Orlando
Jennifer Robertson, Pharm.D., BCPS
Elizabeth Wade, Pharm.D., BCPS, Medication Safety Officer, Concord Hospital, Amherst, NH

10:00 a.m.–10:30 a.m.  Lobby A, Street Level

**Energy Break**
10:30 a.m.–12:30 p.m. Four Seasons Ballroom 4, Lower Level

**Smarter Pumps: Integrating Our Way to a Safer Medication Future**

*Planned in cooperation with the ASHP Section of Informatics & Technology*

Activity #: 0204-0000-15-110-L04-P
0204-0000-15-110-L04-T
2.00 Contact Hours/Application-based

**Program Chair:**
*Sam Anderegg, Pharm.D., BCPS*, Pharmacy Manager, Oncology, Georgia Regents Medical Center, Augusta

**Moderator:**
*Chris Loucks, Pharm.D., M.S.*, Pharmacy Operations Manager, The University of Kansas Hospital, Kansas City

Smart pumps systems are now standard of care in most health-systems and a valuable technology for ensuring medications are infused accurately and safely. New developments in smart pump technology allow for surveillance and data mining capabilities in addition to integration with the electronic medical record. This session will highlight best practices and advanced features of smart pumps and how they impact aspects of the medication use process to improve medication safety and drug distribution.

**Learning Objectives:**
- Examine best practices for smart pump drug implementation and maintenance, including the determination of drug library settings and alarm parameters.
- Determine how new developments in advanced smart pump technologies such as infusion surveillance features and data mining capabilities can impact institutions.
- Discover how interoperability of advanced smart pump technology with EHRs can improve medication safety and drug distribution within a health-system as well as demonstrate meaningful use opportunities for smart pump vendors.

**Presenters:**
- *Michael Brownlee, Pharm.D., M.S.*, Chief Pharmacy Officer, University of Iowa Health Care, Iowa City
- *Chris Loucks, Pharm.D., M.S.*
The pace has been set! After the success of last year’s prolific event, P-cubed is returning to the 2015 Summer Meetings as the predominate meeting for pharmacy leaders, policy makers, consultants, vendor representatives and others interested in networking, education and policy updates. Simply stated—this meeting is what you NEED to know for contemporary pharmacy practice.

Pharmacy, Practice and Policy is an event for directors, managers, and thought leaders in contemporary practice.

Participants will learn how to be productive leaders amidst a perpetually changing pharmacy landscape, and how to properly identify opportunities and challenges posed for the future of pharmacy. Throughout the meeting, you will network with profession stakeholders in order to exchange ideas, as well as analyze the latest practice advancements and treatments in critical care.

Who Should Attend?
• Pharmacists at all levels of practice
• Policy makers
• Consultants
• Vendor representatives
• Other professionals who are interested in current healthcare trends

P-cubed offers 4 days of interactive education and invaluable peer-to-peer problem solving that tackles the most current healthcare trends and stays ahead of emerging issues. You will leave equipped and inspired to immediately implement what is learned into your practice.

Highlights Include:
• Earn over 18 hours of CE on topics including: leadership, ethics, clinical practice, and policy and compliance
• Policy and leadership networking opportunities
• Peer knowledge-sharing events and social gatherings
• Targeted sessions presented by faculty of experts
• Vendor exhibits and networking
• Grand opening reception and lunch buffets
**DAILY SCHEDULE**

All rooms are located in the Colorado Convention Center unless otherwise noted.

**SATURDAY, JUNE 6**

7:30 a.m.–6:00 p.m.
BPS Review Courses
See page 815 for more information.

8:00 a.m.–5:30 p.m.
Grand Ballroom, Second Level, Sheraton Denver Downtown Hotel, 340B University™
See page 816 for more information.

11:00 a.m.–5:30 p.m.
Exhibit Hall A, Upper Level House of Delegates Registration
See page 826 for more information.

2:30 p.m.–4:30 p.m.
Room 104, Street Level Open Forum for Members
See page 826 for more information.

4:30 p.m.–5:30 p.m.
Room 110, Street Level Delegate Primer on HOD Processes
See page 826 for more information.

4:30 p.m.–5:30 p.m.
Room 207, Street Level Drug Supply Chain Security Act (DSCSA)—Updates and Actions for Health System Pharmacy Networking Session Hosted by the ASHP Government Affairs Division
Facilitators:
David Chen, R.Ph., M.B.A., Senior Director Section of Pharmacy Practice Managers, ASHP; and Joseph Hill, M.A., Director Federal Legislative Affairs, ASHP
The DSCSA for trading partners and wholesalers has gone into effect and “dispensers” (i.e. pharmacies) will need to ensure they are prepared to manage the information received from these business partners. This webinar will provide an overview of the DSCSA and the related aspects that impact pharmacy’s record keeping and compliance.

**Discussion Topics:**
- Describe key aspects of the DSCSA and critical dates for pharmacy.
- Discuss actions pharmacy leaders and supply chain managers need to consider.

**SUNDAY, JUNE 7**

7:30 a.m.–8:30 a.m.
Room 111, Street Level
Federal Pharmacists Caucus

7:30 a.m.–11:30 a.m.
Exhibit Hall A, Upper Level
House of Delegates Registration
See page 826 for more information.

8:00 a.m.–9:30 a.m.
Room 405, Street Level
Meet and Greet with Pharmacy Leaders for Students
See page 828 for more information.

8:00 a.m.–10:00 a.m.
Room 203, Street Level
Prevent the Pitfalls: Solutions for 340B Challenges with Contract Pharmacy and Split-Billing Software
Activity #: 0204-0000-15-138-L04-P
0204-0000-15-138-L04-T
2.00 Contact Hours/Knowledge-based

*Program Chair/Moderator:*
Christopher Hatwig, M.S., R.Ph., President, Apexus, Irving, TX
The 340B Program has been under scrutiny in recent years as the federal government has audited entities with increasing frequency. Due to the complexity of this program, many entities rely on third parties, such as administrators/vendors offering software to support the entities compliance efforts. This session, facilitated by Apexus, will provide the practical and HRSA-aligned solutions observed in the field to common compliance challenges involving these third parties. Specifically, two key areas will be discussed: split-billing and contract pharmacy. The session will also provide an update on the latest HRSA policy, including the mega-guidance, as well as an update on Apexus activities and resources to promote contract optimization and compliance. Speakers will include national experts in key topic areas, HRSA and Apexus leadership, and recently audited entities.

*Learning Objectives:*
- Discuss current policy updates from HRSA.
- Describe hot topics from Apexus.
- Determine solutions for 340B challenges with contract pharmacy and split-billing software.

*Presenters:*
Christopher Hatwig, M.S., R.Ph.
Rafael Saenz, Pharm.D., M.S., Administrator, Pharmacy Services, University of Virginia Health System, Charlottesville
Ross Thompson, M.S., R.Ph., Director of Pharmacy, Tufts Medical Center, Boston, MA
DAILY SCHEDULE

8:30 a.m.–9:30 a.m.  Room 111, Street Level
Small and Rural Hospital Caucus

9:30 a.m.–11:30 a.m.  Room 104, Street Level
Caucuses Facilitated by the Chair of the House
See page 826 for more information.

9:30 a.m.–12:30 p.m.  Room 405, Street Level
Student Leadership Development Workshop
See page 828 for more information.

10:15 a.m.–12:15 p.m.  Room 203, Street Level
Joseph A. Oddis Ethics Colloquium 2015 Standing in the
Gap: Maintaining Professional Integrity in the Face of Ethical
Challenges
Planned in cooperation with the ASHP Research & Education
Foundation
Activity #: 0204-0000-15-127-L04-P
2.00 Contact Hours/Application-based

Program Chair/Moderator:
William Zellmer, B.S.Pharm., M.P.H., President, Pharmacy
Foresight Consulting, Bethesda, MD

Although not required, the presenters suggest listening to a recorded on-demand webinar prior to attending this session:

Contemporary Challenges to Pharmacist Ethics and Professional Autonomy: Global Perspectives (45 minutes; CE available) www.ashpfoundation.org/ethics

Additional pre-session readings:


Profound disruption affecting healthcare is transforming the traditional model of delivery and the roles of healthcare professionals. A wave of change is challenging pharmacists, physicians, and health care workers in all aspects of the care continuum. The inevitable challenges to ethics and autonomy and how to keep pharmacy aligned with the public interests are the subject of this interactive session. Using a philosophical basis created by Dr. Parker Palmer, a writer, activist, and challenger of contemporary issues in society, Dr. Herdley Paolini, a certified facilitator of Palmer’s Center for Courage & Renewal, will explore how pharmacists can stand in the gap between real world expectations and the ideals of the profession.

Learning Objectives:
• Identify and describe the dimensions of three or more profound ethical challenges facing health-system pharmacists today or that are likely to face them in the near future.
• Apply a reflective process for addressing ethical dilemmas.
• Identify self-development tools, and practice using those tools, in fostering courage, resiliency, and integrity in support of professional autonomy and ethics.

Presenters:
Herdley Paolini, Ph.D., Founder and CEO, The Institute for Physician Integration, Orlando, FL
William Zellmer, B.S.Pharm., M.P.H.

1:00 p.m.–5:00 p.m.  Mile High Ballroom 3, Lower Level
First House of Delegates Meeting
See page 826 for more information.

1:45 p.m.–2:45 p.m.  Room 405, Street Level
A Student’s Guide to Provider Status
See page 829 for more information.
1:45 p.m.–3:45 p.m. Room 203, Street Level
New Drugs in Primary Care 2015
Activity #: 0204-0000-15-128-L01-P
2.00 Contact Hours/Knowledge-based
Presenter:
Tom Frank, Pharm.D., BCPS, Director of Research and Education, University of Arkansas for Medical Sciences–Northeast, Jonesboro

Always a highlight of the Summer Meetings, in this session new medications are reviewed with special emphasis on key drug information issues, pertinent disease facts, and assessment of the usefulness of these medications in primary care. Economic issues will also be discussed.

Learning Objectives:
• Describe and assess new trends in drug development.
• Discuss indications, pharmacology, adverse effects and dosing of new products.
• Determine the role these products will play in the participants’ practice.
• Evaluate the economic implications of these choices.
• Examine products in the short-term pipeline that will be important to the practice of the participant.

4:00 p.m.–5:00 p.m. Room 203, Street Level
Value Based Payments—What’s Happening Now and Preparing for the Future
Networking Session Hosted by the ASHP Section of Pharmacy Practice Managers’ Advisory Group on Quality and Compliance
Facilitator:
Bonnie Kirschenbaum, B.S., M.S., FASHP, FCSHP, Healthcare Consultant, Boulder, CO

This networking session will be led by a national expert in health care finance and related compliance topics. It’s important that Pharmacy leaders understand and keep up with changes in reimbursement rules and the changes being put into place by CMS concerning value based purchasing. Significant changes are in motion to affect hospital ambulatory care payment models, including growing scrutiny on ‘site of service’ implications.

Discussion Topics:
• Discuss accurately “Telling the Patient’s Story” through documentation and billing and its importance at this critical juncture in changing healthcare delivery and reimbursement patterns
• Discuss mechanics of value based payments and impact on pharmacy
• Network on ways hospital pharmacies are preparing for the changes in payment mix and rates in the outpatient arena.

5:00 p.m.–7:00 p.m. Exhibit Hall A, Upper Level
Grand Opening Reception in the Exhibit Hall
Ticket required. See page 817 for more information.
Monday, June 8

8:00 a.m.–9:15 a.m.    Mile High Ballroom 3, Lower Level
Summer Meetings Opening Session
*How Do You Know? Evidence in a Patient-Networked Age*
Activity #: 0204-0000-15-100-L04-P
          0204-0000-15-100-L04-T
          1.00 Contact Hours/Application-based
Presenter: Jamie Heywood, Founder, Patients Like Me
Note: This session is also approved for physician and nursing CE credit.

What’s it like to take? Will it help me? What impact will it have on my health? How safe is it for me? What should I look out for? How do I live well while taking this? We are all keenly aware of the gaps in evidence that are intended to provide individualized answers to these questions. Each treatment decision is a unique experiment where individual history, disease variation, health, co-morbidities, genetics, behavior and environment all affect the outcome. The best we do today is to try to interpret population studies in the context of the individual facing the choice.

Together we can imagine a world where the experience of each individual and their treatment informs the next—a world where we learn how the variables which make us the same and different affect treatment. That simple statement outlines perhaps one of our greatest scientific and operational challenges of our time: how to shift from an almost exclusive reliance on blinded trials to building a continuous learning system that collects, develops, analyzes and interprets real world patient data. Evidence from the emerging patient networked age is already changing how patients think about treatment and disease. As we sit at the beginning of this new era, let’s discuss the challenges and opportunities in building a continuous learning system with the patient as a central partner.

Learning Objectives:
• Discuss an online quantitative personal research platform that places the patient as a central partner.
• List three benefits of collecting, analyzing, and interpreting real world patient data.
• Describe how patient self-reported health data may shift exclusive reliance on blinded-trials.
• Assess the impact of integrating real-world patient data into your practice setting.
• Evaluate potential barriers to integrating real-world patient data into your practice setting.

See page 819 for more information.

9:30 a.m.–11:00 a.m.    Exhibit Hall A, Upper Level
ConnectLive!

A new setting for information exchange that will revolutionize how you network.

See page 820 for more information.

11:00 a.m.–2:00 p.m.    Exhibit Hall A, Upper Level
Exhibit Program and Lunch Hosted by ASHP
Lunch service 11:30 a.m.–12:30 p.m. (ticket required).
See page 802 for more information.
DAILY SCHEDULE

11:30 a.m.–12:30 p.m. Room 110, Street Level
**ASHP-PAC Donors Reception**
See page 817 for more information.

12:00 p.m.–2:00 p.m. Exhibit Hall A, Upper Level
**Promotional Theater**
A Deeper Dive into Chronic Heart Failure and its Impact on Health Systems, Supported by Novartis Pharmaceuticals Corporation. Contact Trisha Purcell, Novartis Pharmaceuticals Corporation; trisha.purcell@novartis.com

12:15 p.m.–1:30 p.m. Exhibit Hall A, Upper Level
**Posters**
See page 873 for listing.

12:15 p.m.–1:45 p.m. Room 104, Street Level
**Meet the Candidates—Candidates for ASHP Offices to Go on the Record**
See page 826 for more information.

12:45 p.m.–1:30 p.m. Room 405, Street Level
**Exclusively for Students—Career and Life Success**
See page 829 for more information.

2:00 p.m.–3:30 p.m. Room 203, Street Level
**Advanced Leadership Series I: Leading People**
Activity #: 0204-0000-15-129-L04-P
0204-0000-15-129-L04-T
1.50 Contact Hours/Application-based

This interactive session establishes a foundation through an overview of some of the top leadership philosophies. Attendance at Part I is encouraged if also attending Advanced Leadership Series II: What is your Leadership Philosophy?

**Presenter:**
John Spence, Top 500 Leadership Development Expert, John Spence LLC, Gainesville, FL

Successes depend on people and in order to achieve success, people depend on leaders. To be effective and successful, leaders must build teams that help employees strengthen their competence, creativity, and commitment. Leaders create healthy environments where people are excited about their work, take pride in their accomplishments and contribute to their colleagues doing the same. This is leading people.

**Learning Objectives:**
- Discuss characteristics of a successful leader based on global best practices in leadership development.
- Summarize behaviors of successful leaders.
- Select leadership characteristics and behaviors that align with your vision for leadership.
- Reflect on and relate leadership principles to your own practice.
TUESDAY, JUNE 9
8:00 a.m.–10:00 a.m.  Room 203, Street Level
USP <800> : Strategies for Compliance
Activity #:  0204-0000-15-131-L03-P
            0204-0000-15-131-L03-T
   2.00 Contact Hours/Application-based

Program Chair/Moderator:
Patricia C. Kienle, R.Ph., M.P.A., FASHP, Director, Accreditation and Medication Safety, Cardinal Health Innovative Delivery Solutions, Laflin, PA

USP Hazardous Drugs Handling in Healthcare Settings has been published for public comment and is planned to be official (so, enforceable) in 2016. Though the chapter is based on public documents that have been in the literature since the 1980s, many organizations are not fully compliant with all the containment requirements. This session will summarize the requirements and assist the attendees in developing an Action Plan to prioritize aspects of USP.

Learning Objectives:
• Identify the key hazardous drug containment strategies in USP.
• List the facility requirements for receipt, storage, compounding, transport, and administration of hazardous drugs required by USP.
• Describe the cleaning steps required to decontaminate hazardous drug areas.
• Compare the requirements in USP to OSHA, NIOSH, ASHP, and ONS standards and guidelines.
• Develop an Action Plan to comply with USP prior to the time it is enforceable.

Presenters:
Eric Kastango, M.B.A., R.Ph., President & CEO, Clinical IQ, LLC, Madison, NJ
Patricia Kienle, R.Ph., M.P.A., FASHP

10:15 a.m.–11:00 a.m.  Mile High Ballroom 3, Lower Level
The Inaugural and Awards
See page 821 for more information.

11:00 a.m.–2:00 p.m.  Exhibit Hall A, Upper Level
Exhibit Program and Lunch Hosted by ASHP
Lunch service 11:30 a.m.–12:30 p.m. (ticket required).
See page 802 for more information.
## Daily Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>Location/Room</th>
<th>Event</th>
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</thead>
<tbody>
<tr>
<td><strong>12:00 p.m.–2:00 p.m.</strong></td>
<td>Exhibit Hall A, Upper Level Promotional Theater</td>
<td><strong>The Connected Patient Experience: People, Platforms, Process</strong>, Supported by Omnicell. Contact: Jennifer George, Omnicell; <a href="mailto:jennifer.george@omnicell.com">jennifer.george@omnicell.com</a></td>
</tr>
<tr>
<td><strong>12:15 p.m.–1:30 p.m.</strong></td>
<td>Exhibit Hall A, Upper Level Posters</td>
<td>See page 873 for listing.</td>
</tr>
<tr>
<td><strong>12:15 p.m.–2:00 p.m.</strong></td>
<td>Room 104, Street Level Caucuses Facilitated by the Chair of the House</td>
<td>See page 826 for more information.</td>
</tr>
</tbody>
</table>
| **12:30 p.m.–1:30 p.m.** | Room 110, Street Level Presenting the Value of Pharmacy through Clinical Pharmacy Metrics | Networking Session Hosted by the ASHP Section of Clinical Specialists and Scientists  
**Facilitator:** Linda Gore Martin, Pharm.D., M.B.A., BCPS, FASHP, Dean and Professor, University of Wyoming, School of Pharmacy, Laramie, WY  
This networking session will discuss the following topics as it relates to Clinical Pharmacy Metrics.  
**Discussion Topics:**  
• What clinical metrics are currently being used by your organization? How are these being used by the organization to demonstrate the value of the clinical pharmacy services?  
• How extensively are the Pharmacy Accountability Measures Work Group’s pharmacy accountability metrics incorporated into your organization? How could full adaptation of these demonstrate additional value to your organization?  
• What is the individual pharmacist’s role in capturing the data? What opportunities and barriers to full demonstration of value? |
| **2:00 p.m.–3:30 p.m.** | Room 203, Street Level Congress, Agencies, & States, Oh My! How Policymakers are Addressing Critical Pharmacy Issues | Activity #: 0204-0000-15-132-L03-P  
0204-0000-15-132-L03-T  
1.50 Contact Hours/Knowledge-based  
**Program Chair:** Joseph Hill, M.A., Assistant Director, Government Affairs and Director, Federal Legislative Affairs, ASHP, Bethesda, MD  
**Moderator:** Kasey K. Thompson, Pharm.D., M.B.A., Vice President, Office of Policy, Planning and Communications, ASHP, Bethesda, MD  
This session will explore the critical issues facing health system pharmacists in Congress, federal agencies and the states. Efforts to achieve provider status, implementation of the compounding law at the federal level and state compounding activity, will likely be the focus of the session.  
**Learning Objectives:**  
• Identify current federal regulatory and legislative issues impacting pharmacists in a variety of settings.  
• Discuss current regulatory and legislative issues in the states that impact health system pharmacists.  
• Describe an outlook for the remainder of 2015 on both state and federal levels.  
**Presenters:** Nicholas J. Gentile, Director, State Grassroots Advocacy and Political Action, ASHP, Bethesda, MD  
Joseph Hill, M.A.  
Kasey K. Thompson, Pharm.D., M.B.A.  
Christopher Topoleski, B.A., Director, Federal Regulatory Affairs, ASHP, Bethesda, MD |
Moving Cancer Care Closer to Home: A Leadership Opportunity for Pharmacists

Planned in cooperation with the ASHP Research & Education Foundation

Activity #: 0204-0000-15-133-L04-P
0204-0000-15-133-L04-T
1.25 Contact Hours/Knowledge-based

Program Chair/Moderator:
Eric Cabie, R.Ph., M.B.A., Manager, Oncology Pharmacy Operations, Yale-New Haven Hospital, New Haven, CT
Recipient of the ASHP Foundation’s Award for Excellence in Medication-Use Safety.

Using a case management approach, this session will showcase a practice challenge that has been successfully overcome. After acquiring nine oncology physician practices and integrating them into their network, the Smilow Cancer Hospital at Yale-New Haven Hospital was directed to provide the same level of patient care, quality, safety and regulatory compliance in the physician practices as in the main hospital by means of a pharmacist care model. Using telepharmacy to safely verify electronically each step in the ordering, verification, and preparation of intravenous chemotherapy and admixtures, the project outcome demonstrates how technology can assist the pharmacy in supporting remote locations. The success of the project also resulted in a change in state law allowing the use of telepharmacy.

Learning Objectives:
• Describe current industry trends and strategies for establishing a cancer network.
• Discuss the pharmacy challenges in providing safe and quality care across multiple care settings and geographic locations.
• Explain the innovative pharmacy practice model utilized at the Smilow Cancer Hospital and Care Centers.
• Identify outcomes and lessons learned in implementing pharmacy services into a community setting.

Presenters:
Howard Cohen, R.Ph., M.S., Associate Director, Oncology Pharmacy, Smilow Cancer Hospital at Yale New Haven, New Haven, CT
Lorraine Lee, B.S.Pharm., M.H.A., Executive Director, Corporate Pharmacy Services, Yale-New Haven Health System, New Haven, CT
Arthur Lemay, R.Ph., M.S., Executive Director, Smilow Cancer Hospital Network, Yale-New Haven Hospital, New Haven, CT

4:00 p.m.–6:00 p.m.  Mile High Ballroom 3, Second House of Delegates Meeting  Lower Level
See page 826 for more information.

7:00 p.m.–10:00 p.m.  Colorado Ballroom E, Lower Level 2, Denver Marriott City Center
Harvey A. K. Whitney Lecture Award Reception and Dinner
Ticket required. See page 825 for more information.
Wednesday, June 10

8:00 a.m.–10:00 a.m. Room 203, Street Level
Communications Clarity: Are You Sending the Message You Mean To?
Activity #: 0204-0000-15-134-L04-P
0204-0000-15-134-L04-T
2.00 Contact Hours/Application-based

Presenter:
Leslie Stein, B.S., Coach, Full Circle Inspiration, Inc., Las Vegas, NV

How clear are the messages you receive from your managers? What about the messages you send? Clarity is something we all seek... but often what we’re trying to say gets lost in how we say it, when it’s received, or because it just didn’t land how we thought it would. All of this makes us wonder about if our managers, team members, and even ourselves will ever accomplish all the things piled on our overflowing work plates. Clear communication is about the consistency of the message from starting with a clear intent to creating targeted content mindful of word choice, tone, and impact (both intended and unintended). If one of these pieces is missing, you may be sending a message you do NOT mean to send.

This session is meant to up level your communication skills... to get you thinking about what it really means to say what you really mean.

Learning Objectives:
• Explain how shortcuts cheat us from communicating clearly and why you should leave time to craft important messages.
• Analyze how today’s water cooler conversation can affect the message you try to deliver tomorrow.
• Examine the keys to creating a clear message and explain the secret to making sure it landed.

10:00 a.m.–10:30 a.m. Lobby A, Street Level
Energy Break

10:30 a.m.–12:30 p.m. Room 203, Street Level
Penny Perspectives on Integrity: Little Insights for BIG Impact
Activity #: 0204-0000-15-135-L04-P
0204-0000-15-135-L04-T
2.00 Contact Hours/Application-based

Presenter:
Leslie Stein, B.S., Coach, Full Circle Inspiration, Inc., Las Vegas, NV

Is there a bigger buzzword when it comes to values than INTEGRITY? Employers want it. Most people claim to have it. And yet there is still a lot of head scratching and conversation about how our leaders, community members, and even friends could do things that seem so out of alignment with who they claim to be. Integrity isn’t just about morals... it’s so much more than that. It’s about consistency of actions, values, methods, measures, principles, speech, thoughts, AND morals. Not only when people are looking... but when you’re in a situation where no one will ever know how you chose to act.

This session is meant to challenge your views on integrity... to get you thinking about what it really means to YOU.

Learning Objectives:
• Investigate how shortcuts cheat us from living in integrity.
• Demonstrate how today’s Facebook comment is tomorrow’s meter of your integrity.
• Explain why people pleasing may be the most insidious integrity-buster of all.
HUMAN RESOURCES

AUTOMATION / INFORMATICS

AMBULATORY CARE

ADMINISTRATIVE PRACTICE / FINANCIAL MANAGEMENT / HUMAN RESOURCES

Board#/Day
1-M Summary of the Presidents Council of Advisors on Science and Technology (PCAST) report on combating antibiotic resistance and its implications for hospitals and healthcare providers, Mylinda Dill, Yin Wong, Christian Hartman, Justin Clark

AMBULATORY CARE

Board#/Day
4-M Impact of the ambulatory care floating team (ACFT) on the pharmacies waiting time, Bashayer AlBaliki, Bashayir AlBrahaim, Mayyel Agis, Tamadhor Abu-Rish, Aljohara AlAyesh

CLINICAL SERVICE MANAGEMENT

Board#/Day
15-M Pharmacy technician support role in a primary care resource center, Toni Fera, Keith T. Kanel, Meghan L. Bolinger, Amber E. Fink

DRUG INFORMATION

Board#/Day
17-M Assessment of understanding and development of patient-centered prescription label instructions for patients with limited literacy, vision impairment and the elderly, Mei Ju Chien, Tina Pan, Yi Zu Wang, Meng Yu Chen

DRUG-USE EVALUATION

Board#/Day
19-M Adverse drug reaction monitoring of Tramadol in Seoul St. Marys Hospital, South Korea, Eunmi Ahn, Sung Sim An, Soon-Joo Kim, Hyen O La

Poster Presenter Listing

Monday, June 8
12:15 p.m.–1:30 p.m.
Exhibit Hall A, Upper Level

Authors will be attending their posters during the poster presentation hours to answer questions.


ADMINISTRATIVE PRACTICE / FINANCIAL MANAGEMENT / HUMAN RESOURCES

Board#/Day
1-M Summary of the Presidents Council of Advisors on Science and Technology (PCAST) report on combating antibiotic resistance and its implications for hospitals and healthcare providers, Mylinda Dill, Yin Wong, Christian Hartman, Justin Clark

AMBULATORY CARE

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DRUG INFORMATION

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DRUG-USE EVALUATION

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19-M Adverse drug reaction monitoring of Tramadol in Seoul St. Marys Hospital, South Korea, Eunmi Ahn, Sung Sim An, Soon-Joo Kim, Hyen O La

CARDIOLOGY / ANTICOAGULATION

Board#/Day
13-M Evaluation of treatment failures and in-hospital major bleeding with an extended bivalirudin infusion during percutaneous coronary interventions, Mark Bishard, Jody Adams

14-M Feasibility of CYP2C19 genotype testing for patients at risk for acute coronary syndrome, John Darnell, Samuel Johnson, Deanna Kurz

11-M Electronic clinical surveillance phased deployment to drive an antimicrobial stewardship program, Justin Clark

12-M Impact of utilizing and optimizing clinical decision support on admission medication reconciliation process, Sang Weon Lee, Mark P. Chabot, Stephanie Mallow-Corbett, Ronald G. Otten, Terran M. Rice

16-M Development of medication assessment guidelines to standardize patient assessments for care transition pharmacists across multiple settings, Toni Fera, Keith T. Kanel

18-M A student-pharmacist driven initiative to impact cervical cancer rates in rural Arkansas: assessing the educational needs of an undergraduate population, Samantha Gauthier, Britney Gothen, Rayanne Story, Jeanie Smith
**EMERGENCY MEDICINE / EMERGENCY ROOM**

Board#/Day  
24-M Phenobarbital for treatment of alcohol withdrawal in the emergency department, James DeFoe, Jason Bellows

**GENERAL CLINICAL PRACTICE**

Board#/Day  
25-M Evaluation of insulin workflow and overrides utilizing barcode assisted medication administration, Victoria Fisher, Debbie Turner, Megan Leary, Maichi Tran

26-M Use of turoctocog alfa, a recombinant factor eight, in patients with severe hemophilia A undergoing surgical procedures, Shreya Sabharwal, Lisa M. Hanlon Wilhelm, Deanna Lynn Colberg, David Unger

**GERIATRICS**

Board#/Day  
27-M Drug use evaluation and cost saving analysis by comprehensive geriatric assessment for outpatients based on 2012 SNUBH inappropriate medication for elderly criteria, Anna Baek, Juhyun Roh, Yewon Suh, Eunsook Lee, Kwangil Kim

**I.V. THERAPY / INFUSION DEVICES**

Board#/Day  
28-M Best practices for maximizing safety technology benefits through CQI data analysis, Tim Hoh, Idal Beer, Pamela Krueger

29-M Pharmacy and nursing collaboration to reduce infusion device alarms, LaQuoia Johnson, Diana Schultz, Lourdes Januszewicz, Mary Russell, Carol Suarez

**INFECTIOUS DISEASES**

Board#/Day  
30-M Implementation of serum procalcitonin lab testing in a community hospital, Megan Wise

**INVESTIGATIONAL DRUGS**

Board#/Day  
31-M Ocular hypertension reduced by sustained delivery of latanoprost by thermosensitive chitosan-gelatin-based hydrogel eye drops, Yuh-Lih Chang, Yueh-Ching Chou, Shih-Hwa Chiou

**LEADERSHIP**

Board#/Day  
32-M Increasing PharmD students knowledge of post-graduate opportunities within the biopharmaceutical industry: An analysis of the MCPHS University Fellows Network (MFN) recruitment efforts and the subsequent impact on candidate applications, Corey Robinson, Christina Gallagher, Amy Monpara, Shane McGann

33-M Pharmacy school interprofessional education models - an evaluative comparison for the future of pharmacy practice in California, Stefanie Stafford, Cyndi Porter, David Lopez, Kristina Pedersen, Doan Trang

**ONCOLOGY**

Board#/Day  
34-M Pharmacological rationale for combining the neurokinin-1 receptor antagonist (NK1RA), netupitant, and the serotonin (5-HT3) RA, palonosetron, as a fixed oral antiemetic combination for the prevention of chemotherapy-induced nausea and vomiting (CINV), James Gilmore, Alberto Bernareggi, Marco Palmas, Sergio Cantoreggi

**PEDIATRICS**

Board#/Day  
35-M Evaluation of modifications to care set driven intravenous immune globulin prescribing habits for Kawasaki Disease at a pediatric hospital, Vicki Bashyga, David Hyun, Jason Corcoran, Jennifer Duval

**PHARMACOKINETICS**

Board#/Day  
36-M Effect of plasmapheresis on levetiracetam and lacosamide serum concentrations, Michele Faulkner, Kanishk Makhija, April Smith

**PHARMACY TECHNICIANS**

Board#/Day  
37-M Expanding roles of pharmacy technicians in medication safety initiatives, James Hamm, Michael Angelo Randazzo, Regina Peterson, Maggie Wong, Joshua Schmees

**PRACTICE RESEARCH / OUTCOMES RESEARCH / PHARMACOECONOMICS**

Board#/Day  
38-M Community pharmacists’ attitudes towards mental illness and providing pharmaceutical care for mentally ill patients, Mohamed Nasser Al-Arifi

39-M Physician perceptions and challenges of integrating clinical pharmacist practitioners into practice in North Carolina, Reid Griffin, Charlene Williams, Tasha Woodall, Courtenay Wilson, Timothy Ives

40-M Post-marketing adverse drug reactions associated with major bisphosphonate medications: calculating downstream costs, Keith Hoffman, Mo Dimbil, Abril Giron

**QUALITY ASSURANCE / MEDICATION SAFETY**

Board#/Day  
41-M Community pharmacists’ attitudes towards mental illness and providing pharmaceutical care for mentally ill patients, Mohamed Nasser Al-Arifi

42-M Evaluation of video clip service for inhaler education in patients with respiratory problem, Bomi An

43-M Underrecognized intravenous drug administration errors in an integrated electronic health record to smart pump platform, Lyftuth Andreica, Tina M. Suess

44-M Implementation and benefits of interoperability between the electronic medical record (EMR) and infusion pump, Jennifer Bilfo, Lynnye Finneman, Joan Thullbery, Jennifer Graves, Katie Roedocker

45-M Demonstrating the importance of using weight-based safety parameters for intermittent syringe pump infusions, Alison Bloomquist, Tamara Schmidt-Hegge, Laura Seiberlich
AMBULATORY CARE

Board/#/Day
6-T Does a community pharmacists intervention post-hospital discharge have an impact on 30 or 90 day smoking cessation rates? Patricia Lanius, Tonna Farinha, Leticia Shea, Parisa Vantanka, Robert Willis
7-T Implementation of a pharmacist-led smoking cessation clinic in an internal medicine practice, Trisha Miller, D. Michael Elnicki
8-T Pharmacy based disease state management: A hypertension management model at an ambulatory Care pharmacy, Anitha Nagelli, Sami Labib, Melissa Dinh, Samantha Kush, Marissa Pasquini
9-T Promoting herd influenza immunity in a university setting through pharmacy administered vaccines covered by the student health benefit plan, Anitha Nagelli, Katherine Lee Mosio, Margaret Byun, Sandra Durley, Sami Labib
10-T Referrals in a pharmacist-managed transition of care clinic, Michael Nimeh
11-T Development of a trigger tool to identify pharmacist impact in transitions of care, Jessica Wilhoite, Karie Morrical-Kline, Alison Walton

AUTOMATION / INFORMATICS

Board/#/Day
12-T Implementation of an economical medication ordering management system using scanning technology in a small hospital, Matthew Pond, Vishnu Reddy, George Udanei, Marilena Grittani, Greg Palmer
13-T Development of a dynamic, interactive, and customizable pharmacy department productivity metrics encompassing both distributive and clinical responsibilities, Adriane Irwin, John T. McNulty, Matthew C. Tanner, Philip J. Booth, Joseph G. Schnabel
14-T Role of pharmacy informatics in the application of pedi atric weight based dosing to support the implementation of computerized provider order entry (CPOE) in an academic pediatric hospital, Marvin Skinner, Leslie Stewart, Debra Thomas, Luke Webster
15-T Improving pharmacy data analytic capabilities at an academic medical center, Selvin Soby, Matthew Rice, Carla Gill, Jason Miller, Kenneth Sherm mock

CARDIOLOGY / ANTIICOAGULATION

Board/#/Day
16-T Evaluation of a pharmacy managed heparin protocol in extracorporeal membrane oxygenation, Robin Klasek, Kalliopi Fitousis, Fariedeh Bostan, Phillip Mason
17-T Peri hospitalization switching patterns of thienopyridines in patients with acute coronary syndrome, Eric Wright, Ryan VanLoan, Pinky Barua, Xiaowei Yan, Steven Steinhu bl

CLINICAL SERVICE MANAGEMENT

Board/#/Day
18-T Impact of student pharmacist interventions in an interprofessional Student-Run Clinic, Mia Mackowski, Joo Hye Lee, Susie Park, Steven Chen
19-T Compounding of aripiprazole as a gummy drug using commercially available products, Sayuri Nakajima, Shinya Uchida, Tomoka Maeda, Shogo Hiraoka, Noriyuki Namiki
**Poster Presenter Listing**

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**DRUG INFORMATION**

Board#/Day

20-T  Expanded patient counseling opportunities for pharmacy students on an inpatient internal medicine rotation, Allison Mann

**DRUG-USE EVALUATION**

Board#/Day

21-T  Combining powder formulations of drugs with food and beverages to improve palatability, Haruka Ogawa, Shinya Uchida, Hideshi Nakamura, Shimako Tanaka, Noriyuki Namiki

22-T  Relationship between plasma concentration and salivary flow rate after single-dose oral administration of propiverine in healthy volunteers, Miki Ozawa, Shinya Uchida, Hiromitsu Imai, Kyoichi Ohashi, Noriyuki Namiki

23-T  Evaluation of antibiotic use for urinary tract infections in community pharmacies in Lebanon, Wijdan Ramadan

24-T  Statewide collaboration to review targeted oral anticoagulant use, Martha Roberts, Linda Nelson, Mark Curtis, Michelle Kelley, Christine Barabas

25-T  Conversion of non-formulary to formulary drug-dose equivalents based on drug class conversion tables improves efficiency at a large academic medical center, William Ruspantini, Movies Hovsepian

26-T  Evaluation of intra-operative liposomal bupivacaine and non-liposomal anesthetic for pain control in orthopedic surgery, Anthony Scriver, Amanda Kershaw

**EMERGENCY MEDICINE / EMERGENCY ROOM**

Board#/Day

27-T  Intranasal naloxone rescue kit program evaluation by patient telephone questionnaire, Chelsey Hess, Kevin Kaucher, Eric Gilliam

**GENERAL CLINICAL PRACTICE**

Board#/Day

28-T  Patient acceptance and impact of a bedside discharge prescription delivery service, Megan Sessums, Tonya Robertson, Bethany Chandler

29-T  Pharmacist led transition of care/medication education program pilot within an inpatient rehabilitation unit, Margaret Songy, Kevin Robertson

**HOME CARE**

Board#/Day

30-T  Effect of pharmacist drug therapy interventions for geriatric patients in independent living facilities, Stephanie Hipp, Brittany Melton, Janelle Ruisinger, Katelyn Steele

**I.V. THERAPY / INFUSION DEVICES**

Board#/Day

31-T  We push, pump and drip-drop, but what are our patients getting? Observation of intravenous medication preparation and administration practices, Ciara Kirke, Marie Ronan

**INVESTIGATIONAL DRUGS**

Board#/Day

32-T  Cannabidiol: challenges in human clinical trial implementation at Mayo Clinic Investigational Drug Service pharmacies, Christine Formea, Karen Bergrud, Philip Christiansen

**LEADERSHIP**

Board#/Day

33-T  Development of a health-system administration management advanced pharmacy practice experience (APPE) rotation at a 203-hospitals health-system corporate office, Yin Wong, Heather Ann Weese, Trent Beach

**ONCOLOGY**

Board#/Day

34-T  Receptor occupancy (RO) of the neurokinin-1 (NK1) receptor antagonist, netupitant, in different brain regions and relationship to antiemetic efficacy, Ali McBride, Alberto Bernareggi, Tulla Spinelli, Marco Palmas

**PEDIATRICS**

Board#/Day

35-T  Impact of an intravenous fat emulsion shortage at a free-standing pediatric institution, Morgan King, M. Petrea Cober

**PRACTICE RESEARCH / OUTCOMES RESEARCH / PHARMACOECONOMICS**

Board#/Day

36-T  Outcomes among patients switching to lurasidone or quetiapine in a commercially-insured schizophrenia population, Daisy Ng-Mak, Krithika Rajagopalan, Debra Irwin, Nicole Meyer, Antony Loebel

37-T  Cost-effectiveness of edoxaban versus warfarin in the treatment of patients with severe pulmonary embolism: Results based on a subgroup analysis of the Hokusai-VTE study, Ronald Preblick, Jackie Kwong, Richard White, Samuel Goldhaber

38-T  Treatment discontinuation and switching patterns by mechanism of action among patients with epilepsy: a retrospective observational study in a U.S. population, Fulton Velez, Thirupathi Pattipaka, Maria Malmenas

**PRECEPTOR SKILLS**

Board#/Day

39-T  Factors influencing the preceptors performance for hospital pharmacy practice experiences, Yeon Ji Lee, Sun Choi, Hyen O La

**PSYCHOTHERAPY / NEUROLOGY**

Board#/Day

40-T  Time is brain: a community hospital's decrease in door-to-needle time in acute stroke cases, Maury Otterstetter, Sarah Bemis, Sara Colbert, Russell Bartt
QUALITY ASSURANCE / MEDICATION SAFETY

Board#/Day
41-T  Safe utilization of insulin pens in long-term care, Katelyn Jensen, John Hertig
42-T  Evaluation of interdisciplinary variations in medication error classifications in a community health-system, Amanda Kershaw, Anthony Scriver
43-T  Quantifying and characterising prescribing error on admission and during admission to an acute hospital, Ciara Kirke, Jenny Reynolds, Stephen Byrne
44-T  Improving antibiotic prescribing with “bugs and drugs” education tool/model, Becky Linn
45-T  Consistent feedback and education has improved accurate allergy documentation, Kathleen Moorman
46-T  Barcode scanning improves medication safety and staff satisfaction, Michael Nyame-Mireku, Dana H. Anderson, Brian Caruth, Robert Harward, Karima Waziri
47-T  Optimizing controlled substance area workflow to improve controlled substance diversion surveillance at a tertiary care hospital within a health care network, Katelyn Pontore, Laura Mark, Linda Wieloch
48-T  Optimizing smart pump utilization and adherence by implementation of a pharmacist-led continuous quality improvement program, Erin Robey-Gavin, Natalie Paul, Courtney Morse
49-T  Innovative use of duplicate prescription data to improve patient safety and efficiency within a mail order pharmacy, Carrie Singerman, George Dooling, Tatiana Sawyer, Michael Sutherland
50-T  Optimization of bar code medication administration (BCMA) at a tertiary academic medical center, Kristin Tuiskula, Katherine A. Miller, Ryan Phipps
51-T  Optimizing glycemic control in hospitalized children with diabetes, Lorrainea Williams, Jason Evans, Kelli Goree, Don Wilson, Paul Thornton
52-T  Parenteral product error detection before and after implementation of intravenous workflow management technology, Kelly Wright, Brian Dekarske, John Clark, Bruce Chaffee

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Meeting Registration

**ASHP Summer Meetings 2015**
June 6–10, 2015
Colorado Convention Center
Denver, Colorado

Register in advance and SAVE! Pre-meeting registration closes on May 21st. All mail, fax, and online registrations must be received by ASHP on or before that date. Register at [www.ashp.org/summermeetings](http://www.ashp.org/summermeetings)

**REGISTRATION INFORMATION**

Please type or print clearly.

**ASHP ID Number:**

**Name:**

**Title:**

**Name for Badge:**

**Home Address:**

**Employer/School (required):**

**Employer/School Address:**

**Daytime Phone:**

**E-mail (required for meeting confirmation):**

**Graduation Date (requested for all, required for students and residents):**

Check here if this is a new address.

Customize your experience. Take advantage of pre-meeting workshops and special events.

Complete both sides of this form, then check the meeting website [www.ashp.org/summermeetings](http://www.ashp.org/summermeetings) to plan your days.

**METHOD OF PAYMENT**

- [ ] Charge to: [ ] MasterCard  [ ] Visa  [ ] AmEx  [ ] Discover

TOTAL (from other side) $ __________

Card #: __________

Expiration Date: __________

Signature: __________

By authorizing this charge, I certify that the above registration information is true and correct, and agree to be responsible for any additional charges incurred pursuant to this meeting registration.

- [ ] Check or money order payable to ASHP attached.
  Checks must be drawn on a U.S. bank in U.S. funds.

- [ ] Purchase order #: __________ attached.
  Please issue invoice.

**FOUR WAYS TO REGISTER**

- [ ] ONLINE
  [www.ashp.org/summermeetings](http://www.ashp.org/summermeetings)
  (It’s the quick and easy way to go!)

- [ ] CALL TOLL-FREE 1-866-279-0881, Mon.–Fri. 8 a.m.–6 p.m. EST
  International: 001-301-684-5700

- [ ] FAX registration form to 1-301-657-1251

- [ ] MAIL registration form with check or money order payable to ASHP.
  Checks must be drawn on a U.S. bank in U.S. funds.

**CANCELLATION POLICY**

To receive a full-meeting registration refund, confirmed registrations must be cancelled in writing and mailed or faxed on or before May 21, 2015 (postmark or fax date). Written cancellations postmarked or faxed May 22 through June 5 will be subject to a $50 handling charge. Refunds will be issued only for cancellations postmarked or faxed before June 6. }

Please Note: Payments to ASHP are not deductible as charitable contributions for federal income tax purposes. However, they may be deductible under other provisions of the Internal Revenue Code. Only additional donations to the ASHP Research and Education Foundation are tax deductible.
Meeting Registration Form
June 6-10, 2015
Colorado Convention Center
Denver, Colorado

SUMMER MEETING FEES
Registration includes all education sessions from any meeting (ACC, MSC, I2, P3); exhibit program; Grand Opening Reception; lunch on Monday/Tuesday; and ConnectLive!

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<tr>
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CHOOSE YOUR PRIMARY MEETING
Please select one of our four concurrent meetings to be your primary boutique. All attendees will still have complete and total access to all sessions and events happening at any of the four meetings.

- Medication Safety Collaborative
- I2: Informatics Institute
- P3: Pharmacy, Practice, and Policy
- AC2: Ambulatory Care Conference

*BONUS MEMBERSHIP FOR NON-MEMBERS
All full non-member meeting registrants and residents with a U.S. address are eligible to become members of ASHP for 6 months!
Membership includes ASHP*, Transsections, NewsLink, Section membership, CE discounts on future meetings, pharmacy publications and software, and much more!

Please check here if you would like to take advantage of this offer: An email confirmation for your 6-month membership will be sent following your completed meeting registration.
Upon receiving this email you can complete your membership enrollment, including selecting your Sections.

E-mail (required for enrollment):

SPECIAL OFFER
SPECIAL OFFER: If you are a full registrant director/manager, you are eligible to bring one staff member at a heavily discounted rate to the meeting.
Registrations must be received by ASHP on or before May 21, 2015.
To participate, please fill out the "Director registration form" that can be found at www.ashp.org/summermeetings/register. Or call customer service at 866-279-0681.

SPECIAL EVENTS
- Harvey A.K. Whitney Lecture Award and Dinner $120 x tickets $ 
- Additional Grand Opening Reception (included in all registration fees except one-day) $35 x tickets $ 
- Additional Lunch Ticket (per day) $45 x tickets $ 
- Additional tax-deductible donation to the ASHP Research and Education Foundation $ 

ONE-DAY REGISTRATION FEES
Please indicate which day(s) you will be attending (includes meeting sessions and exhibits only).
- Monday [ ] Tuesday [ ] Wednesday [ ]
- ON One Day, Member $320/day
- ON One Day, Non-member $450/day

TOTAL FEES $ 

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