Welcome to the ASHP 2017 Summer Meetings in Minneapolis

It is wonderful to see all of you here in Minneapolis for the 2017 ASHP Summer Meetings! I am so glad you could join us for a week of interactive learning and networking.

The ASHP Summer Meetings have a special connection to Minneapolis. Four years ago, we launched the first of the Summer Meetings boutiques in Minneapolis to rave reviews. During my inaugural address last year, I encouraged everyone to find their professional “True North.” Attending this year’s meeting in Minnesota—aka the North Star State—is a great opportunity for you to embrace the opportunities to learn, make new connections, and renew friendships.

While you are in the City of Lakes, you’ll have the chance to choose from four concurrent specialized meetings: the Ambulatory Care Conference, the Informatics Institute, Medication Safety Collaborative, and Pharmacy, Practice & Policy. Each of the boutique conferences has a wealth of information and programs that you’ll be able to implement in your practice. You’ll hear from experts, explore topics relevant to your profession, and establish meaningful connections with your peers. And no matter what conference you’ve selected, you’ll also have unrestricted access to all of the sessions and events taking place at the other meetings.

This program book, along with the ASHP LIVE! app, is your guide for everything happening this week, including leading-edge research presented during the Poster Sessions, the latest product offerings in the Exhibit Hall, and our innovative information exchange, ConnectLIVE!

I invite you to attend the meetings of the ASHP House of Delegates, which is the major policymaking body of ASHP. The House will be in session on Sunday and Tuesday, and you can witness history in the making as your colleagues determine ASHP’s professional policies. ASHP members worked very hard to develop these policies, which set the foundation for ASHP’s efforts to expand your role on the care team and improve patient care.

I have been blessed to call the Minneapolis/St. Paul area my home for over 20 years! In addition to attending the ASHP Summer Meetings, I encourage you to explore some of the things I love about this area—outstanding restaurants, beautiful lakes, and excellent art galleries, theater, and comedy clubs. I know that you will enjoy them, too!

We are determined to exceed your expectations at this year’s Summer Meetings. Please let us know how we are doing by sharing your thoughts with the ASHP board and staff members here in Minneapolis. Or send me an e-mail at president@ashp.org.

Sincerely,

Lisa M. Gersema, Pharm.D., M.H.A., BCPS, FASHP
ASHP President
FOUR MEETINGS | ONE PURPOSE

Participate in one of four boutique meetings happening concurrently at the ASHP 2017 Summer Meetings & Exhibition. Make meaningful connections while you focus and participate in education and networking events with like-minded peers across the healthcare spectrum. It’s the best of both worlds—targeted, focused education and networking in your specialization with the ability to sample other areas of interest.

FOLLOW #ASHPSM17

Join us this June in Minneapolis for the ASHP 2017 Summer Meetings and Exhibition.

- Earn over 18 hours of CPE credit
- CE offered for nurses and physicians who attend the Medication Safety Collaborative sessions

Content-targeted Conferences
- Medication Safety Collaborative (MSC)
- Ambulatory Care Conference (AC2)
- Informatics Institute (I2)
- Pharmacy, Practice & Policy (P)

Included with Registration
- Complete access to all sessions held at MSC, AC2, I2, and P
- Grand opening reception
- Lunch buffets
- ConnectLIVE! (an interactive networking event to engage and inspire immediate implementation)

Pre-meeting Opportunities
- Ambulatory Care Pharmacy Review and Recertification Course
- Critical Care Pharmacy Review and Recertification Course
- Pediatric Pharmacy Review and Recertification Course
- Pharmacotherapy Review and Recertification Course

Registrants will select the Basic, Premium, or Recertification package. For more information, visit http://www.ashp.org/boardreview2017.

Other Highlights
- Student programming
- Joint Commission update
- House of Delegates activities
- Legislative updates

NEWLY UPDATED ASHP LIVE! Mobile App

- Access the complete agenda, speaker details, and session materials right at your fingertips
- Expand your personal network
- Download and save session materials to your device before the meeting (paper handouts will not be printable onsite)

Note:
- If you’ve used the ASHP LIVE app in the past, you must delete it and download the new app.
General Information

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

Meeting Location
ASHP is excited to bring the 2017 Summer Meetings and Exhibition to a contemporary city enveloped by the great outdoors—Minneapolis, a true “City by Nature.” The city offers something for everyone. It is a place where critically-acclaimed shows, restaurant, and museums mesh with the natural beauty of lakes, trails and parks.

All ASHP sessions, House of Delegate activities, and exhibits will be held in the Minneapolis Convention Center, unless otherwise noted.

Registration
Register on or before May 29, 2017, for lower rates. Onsite registration will be available. ASHP discounted member rates also apply to members of collaborating organizations* and of the Canadian Society of Hospital Pharmacists (CSHP). Register online at www.ashp.org/summermeetings or call 1-866-279-0681. For rates and registration options, see the Registration Form on page 747.

*For more information on becoming a collaborating organization, contact David Gershman at 301-664-8691, or dgershman@ashp.org.

Confirmations
Upon receipt of your registration and payment, ASHP will send you a meeting confirmation. Please check your confirmation to verify all of the activities for which you have registered.

Cancellation and Meeting Policies
All meeting cancellations are subject to a $75 handling charge. NO REFUNDS will be issued after May 25, 2017 (postmark or fax date). Registration with any meeting or event associated with the 2017 ASHP Summer Meetings and Exhibition implies consent and understanding of ASHP’s Code of Conduct Policy and Photo Waiver. To read these documents, visit the REGISTER tab on the Summer Meetings websites.

Special Registration Promotions
Save 20% on your 2017 Summer Meetings registration if you participate in one of the ASHP Live BPS Review and Recertification Courses. If you register for any live BPS Review or Recertification Course (Ambulatory Care Pharmacy, Critical Care Pharmacy, Pediatric Pharmacy, or Pharmacotherapy), you are eligible to receive 20% off your full Summer Meetings registration. Upon registration for a live course, you will receive an email confirmation with a unique discount code and instructions to use when you register online for the Summer Meetings. Or you may call Customer Service at 866-279-0681.

Registration is located in the Minneapolis Convention Center, Mezzanine Lobby, Mezzanine Level.

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

Satellite Registration located at the Hilton Minneapolis, Lobby Level. Pre-registered attendees only.
Saturday 7:30 a.m.–6:00 p.m.
Sunday 7:00 a.m.–5:00 p.m.

International Attendees: Please pickup your certificates of attendance at the Customer Relations Desk.
Customer Relations
If you would like to check on a recent order or update your profile, stop by Customer Relations located in the Registration area.

Exhibitor Registration and Customer Relations Hours:
Saturday 7:30 a.m.–5:30 p.m.
Sunday 7:00 a.m.–7:00 p.m.
Monday 7:00 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. daily to avoid any last-minute rush.

Badges
Badges should be worn at all times. Your badge is your admission pass for all meeting sessions and exhibits. The QR code 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 your badge. If you lose your badge, check Meeting Info or Attendee Registration. Lost badges can be replaced at Registration for a $41 fee. Badge ribbons are available from the Membership 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.
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 its sponsorship of the meeting lanyards.

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

ASHP Connect is a private online community linking you directly to pharmacists with similar backgrounds, practice settings, and interests. You can participate in active discussions on trending pharmacy topics that impact your practice and profession. Best of all, ASHP Connect 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 once you log in.
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. Set up subscriptions. Under My Profile, select My Account to determine how frequently you receive e-mail notifications.

For more information, or to view short video tutorials and FAQs, visit http://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 Minneapolis 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 with ASHP for use and distribution (both now and in the future) of the registrant or attendee's image or voice in photographs, video, electronic reproductions, and audio 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**

Take time to meet new peers, connect with your colleagues, and share your meetings experiences online:

**Follow #ASHPSM17** — The official hashtag is #ASHPSM17. Tag your tweets, photos, and videos so others can follow your experiences on Twitter, Facebook, and Instagram.

**Tweet Your Takeaway and Win Daily Prizes** — What are the most important nuggets of information you discover at meeting sessions? Share your newfound knowledge on Twitter—remember to tag your tweets #ASHPSM17—and gain a chance to win a prize.

**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 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.

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**Complimentary Wi-Fi**

Complimentary Wi-Fi is available in all ASHP meeting rooms and public areas within the Minneapolis Convention Center. Complimentary Wi-Fi is not available inside Exhibit Hall B.

Select the network ASHP on your device and use password Minn2017.

As a reminder, the meeting is paper-lite and we encourage you to use the ASHP LIVE! App for all scheduling, updates and session materials.
General Meeting Locations

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

**ASHP Headquarters Office**
**Room 205 A, Level 2**
Contact ASHP staff and make general meeting inquiries.

**ASHP Store**
**Lobby B, Level 1**
See What’s New at the ASHP Store!
Explore the latest products from ASHP to meet your practice needs. At the ASHP Store, you can not only browse print publications, but you can also purchase and learn more about ebooks, apps, and online subscriptions and professional development programs.

At the store, you can view a demo and speak to a representative for more details on Specialty Certification Preparation and Recertification programs, as well as ASHP’s new Professional Certificate Programs which are available for individual and institutional use through ASHP’s eLearning platform.

This year, take advantage of free shipping on all products, available only onsite at the ASHP Store.

Be sure to stock up on important new and upcoming publications, including the following:

- Letters from Rising Pharmacy Stars
- The Effective Pharmacy Preceptor
- The Medication Safety Certificate Program
- Smart Infusion Pumps, Second Edition
- The Chapter <800> Answer Book
- Basic Skills in Interpreting Laboratory Data, Sixth Edition
- Clinical Pharmacokinetics, Sixth Edition
- Concepts in Pharmacogenomics, Second Edition
- Extended Stability for Parenteral Drugs, Sixth Edition
- Introduction to Acute and Ambulatory Care Pharmacy Practice, Second Edition
- Learning and Mastering Pharmaceutical Calculations
- Compounding Sterile Preparations, Fourth Edition

Need to renew your membership? You can do that within seconds at checkout, and you can make a donation to the ASHP Research and Education Foundation, too. You can also get your ribbons and have your membership benefit questions answered, right at the store.

Join us for two book signings. On Monday, June 5, Patti Kienle will be available from 11:30 a.m. to 12:30 p.m. to sign copies of The Chapter <800> Answer Book. From 12:30 p.m. to 1:30 p.m., Sara White, along with several contributors to the book, will be signing copies of Letters from Rising Pharmacy Stars. Books are available to buy and sign onsite, or you can bring your copy to the meeting if you have already purchased.

**Hours:**
- Saturday 7:30 a.m.–5:30 p.m.
- Sunday 7:00 a.m.–7:00 p.m.
- Monday 7:00 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**
**Lobby B, Level 1**
The Convention Center offers a full service business center, The UPS Store, providing onsite printing, shipping, workstations, office supplies, and more.

**Hours:**
- Saturday 10:00 a.m.–3:00 p.m.
- Sunday 8:00 a.m.–4:00 p.m.
- Monday–Wednesday 8:00 a.m.–5:00 p.m.

**CE Information Center**
**Lobby B, Level 1**
Get answers to your questions about CE processing.

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

**Coat & Baggage Check**
Not available in the Convention Center; please check bags at your hotel bell desk.
General Meeting Locations

Summer Meetings & Exhibition 2017

Exhibit Program
Exhibit Hall B, Level 1

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.

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

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 registration fee and the corresponding one-day registration fee (Sunday, Monday, or Tuesday). Tickets are valid on the day of the event only and are required to receive meal service; lunch is based on availability after 12:30 p.m.

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

First Aid Station
Lobby C, Level 1

A permanent First Aid Station is staffed with medical services personnel.

In the event of an emergency:
Call the Guest and Security Services Department at extension 2013 from any beige house phone (there is a placard above each of these phones with the number on it). From a cell phone, call 612-335-6040 or dial 6040 from any in-house extension.
Request medical assistance and state your location.

Food and Beverage Outlets

A variety of food and beverage outlets are located throughout the Convention Center for your convenience.

NOTE: Hours are subject to change.

The Craft Bar and Lounge, located in the Main Lobby, Level 1 offers casual seating in an intimate atmosphere, and features Minnesota craft beers along with full beverage service and a menu of small plates that reflect food trends of Minneapolis.
Open hours are Sunday and Wednesday from 11:00 a.m. to 6:00 p.m.

Dunn Brothers Coffee, located in the Main Lobby, Level 1, is open daily from 7:00 a.m. to 5:00 p.m. Dunn Brothers has offerings for all guests, from your favorite coffee drink to homemade pastries and sandwiches. All coffee is roasted fresh on premise.

Mill City Market, located in Lobby B, Level 1. The Mill City Market offers a variety of tempting and healthy food menus designed to enhance your food and beverage experiences. Open hours are Sunday from 10:30 a.m. to 3:00 p.m.

Future Meetings
Mezzanine Level

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

2017 National Pharmacy Preceptors Conference
Washington, D.C.
August 16–18, 2017

22nd ASHP Conference for Pharmacy Leaders
Chicago, Ill.
October 16–17, 2017

52nd Midyear Clinical Meeting & Exhibition
Orlando, Fla.
December 3–7, 2017

2018 Summer Meetings & Exhibition
Denver, Colo.
June 2–6, 2018
General Meeting Locations

**Housing Information (Orchid Event Solutions)**

**Mezzanine Level**

A representative from Orchid Event Solutions, ASHP’s only official housing company, will be available at the Summer Meetings during the following hours to assist with hotel-related matters. You may also call Orchid Event Solutions directly at 877-505-0675. Agents will be available to assist Monday through Friday from 9:00 a.m. to 8:00 p.m. ET.

**Hours:**
- Saturday: 7:30 a.m.–5:30 p.m.
- Sunday: 7:00 a.m.–2:00 p.m.
- Monday: 7:00 a.m.–9:30 a.m.
- Tuesday: 7:30 a.m.–9:30 a.m.

*ASHP would like to thank Fresenius Kabi USA for its sponsorship of the hotel keys.*

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**Lost and Found**

**Room 205 A, Level 2**

Contact ASHP Headquarters during official meeting days and hours. Following the meeting, contact the Convention Center Security Office at 612-335-6040.

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**Meet Minneapolis Restaurant & Information Booth and Visitor Information Center**

**Level 1**

The Minneapolis area offers a variety of restaurants—from casual to classy—with prices and cuisine to match. Stop by and let a trained, professional restaurant information specialists assist you with your dining needs. Once you select your restaurant choice, the Meet Minneapolis staff will make your dining reservation—and provide you with an acknowledgement to present to the restaurant for special convention attention. You can also stop by the Visitor Information Center to learn about Minneapolis, its museums, shopping, attractions, nightlife, and much more.

**Visitor Information Center, Level 1**

Saturday–Tuesday 8:00 a.m.–5:00 p.m.

**Meet Minneapolis Restaurant & Information Booth**

**Hours: (subject to change)** **Lobby B, Level 1**

Saturday–Tuesday 10:00 a.m.–5:00 p.m.

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**Meeting Information Center**

**Lobby B, Level 1**

Get answers to your questions about the ASHP 2017 Summer Meetings & Exhibition.

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

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**Membership Information Center**

**Lobby B, Level 1**

The Membership Information Center is now part of the ASHP Store. Get all your member needs in one place. Stop in to renew your membership, update your member profile with an additional membership section, or designate a new primary section. Learn how to make the most of your membership by discovering more unique opportunities for networking, career growth, and continuing education, all to help you advance professionally. Member ribbons will also be available for pick-up at this location.

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

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**Mother’s Lounge**

**Level 2**

There are two nursing mother’s rooms in the Convention Center and both are located on Level 2. Stop by the ASHP Headquarters Office in Room 205 A, Level 2 to receive the access code and exact location.

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**Networking Lounges & Recharging Zones**

The Networking Lounges & Recharging Zones, conveniently located throughout the Convention Center, are the ideal locations to relax, recharge your devices, and network with colleagues.

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**Press Office**

**Room 204 A, Level 2**

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Promotional Theaters

Promotional Theaters provide an opportunity for commercial organizations to present information about their products, services, or therapeutic areas to pharmacists attending the ASHP 2017 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 sponsored programs held in conjunction with the 2017 Summer Meetings and Exhibition and are not part of the official ASHP programming. Any questions related to these programs should be directed to the company or 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 5
12:00 p.m.–2:00 p.m.  Exhibit Hall B, Level 1


Satellite Symposia

The following listing is provided to you by ASHP as a courtesy; symposia are commercially-supported programs held in conjunction with the ASHP 2017 Summer Meetings and Exhibition and are not part of the official ASHP Summer Meetings programming. Any questions related to these programs should be directed to the company or 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. We encourage you to check the meeting mobile app and/or the hotel reader board for room location.

Tuesday, June 6
5:45 a.m.–7:45 a.m.

Update on Sterile Compounding in Health Systems: Opportunities and Challenges (live webinar), Supported by PharMEDium Services, LLC. Contact Gail Townley, ProCE, Inc.; gtownley@proce.com CE Provider: ProCE, Inc. Hilton Minneapolis

Speaker Preview Room
Room 203 B, Level 2

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

Hours:
Saturday 7:30 a.m.–5:00 p.m.
Sunday 7:00 a.m.–5:00 p.m.
Monday 7:00 a.m.–5:00 p.m.
Tuesday 7:00 a.m.–5:00 p.m.
Wednesday 7:00 a.m.–10:30 a.m.
Official Hotel Map

June 3–7, 2017
Minneapolis Convention Center
Minneapolis, Minnesota

General Meeting Locations

Hotels/Rates

1. **DoubleTree Suites by Hilton** 1101 LaSalle Ave.
   - $180.00 single/double

2. **Hilton Garden Inn Minneapolis Downtown** 1101 4th Ave. S.
   - $184.00 single/double

3. **Hilton Minneapolis** 1100 Marquette Ave. S.
   - $184.00 single/double

4. **Holiday Inn Express Hotel and Suites Downtown** 125 S. 11th St.
   - $186.00 single/double

5. **Hyatt Regency** 1300 Nicollet Mall
   - $190.00 single/double

6. **Millennium Hotel** 1313 Nicollet Mall
   - $175.00 single/double

7. **Minneapolis Marriott City Center** 30 S. 7th St.
   - $189.00 single/double

- All ASHP room rates include free in-room internet if booked through Orchid Event Solutions, ASHP’s official housing company.
- Room rates noted do not include tax currently 13.4% (subject to change).
- All hotels are within walking distance of the Convention Center.
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 2017 ASHP Summer Meetings & Exhibition.

Pharmacy Technicians

Educational sessions at the 2017 Summer Meetings may satisfy the requirement for certified pharmacy technicians. Sessions for technicians are designated with a "T" following the ACPE number.

For further information, contact PTCB at 800-363-8012 or contact@ptcb.org.

Physicians (Medication Safety Collaborative only)

Sessions in the 2017 Medication Safety Collaborative are approved for continuing medical and continuing nursing education. See each individual activity for credit hours approved.

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 this live activity 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 (Medication Safety Collaborative only)

Educational Review Systems is an approved provider of continuing education in nursing by ASNA, an accredited provider by the ANCC/Commission on Accreditation. Provider # 5-115. This program is approved for 18.75 hours of continuing nursing education.

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

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 Materials

Materials are now at your fingertips via the ASHP LIVE! mobile app. No more printing onsite and carrying materials to sessions. Follow along with the speakers on your mobile device. If you prefer printed materials, please print at home from your computer at www.ashp.org/summermeetings before the meeting.**

**Paper materials will not be printable onsite.

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 attendees 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; assessment and mechanisms for feedback to attendees are part of every CE session.

Activity Types

CE learning activities at the 2017 Summer Meetings sessions are knowledge-based and application-based. Knowledge-based sessions are designed primarily for acquiring factual knowledge; application-based sessions primarily apply the information learned in the time allotted.

Topic Designations

ACPE universal activity number topic designations are used by boards of pharmacy if specific types of continuing education are required for re-licensure.

01 Disease state management/drug therapy
02 AIDS therapy
03 Law
04 General pharmacy
05 Patient safety
Evaluations

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

Noncommercialism and the ACCME Standards for Commercial Support

ACPE has adopted the ACCME Standards for Commercial Support. These standards require complete separation of continuing education from commercial support. Instructional materials for CE activities, including presentation slides, undergo an intensive review process at ASHP to ensure compliance with the Standards for Commercial Support. Disclosures of relevant financial interest by faculty are announced in the sessions. Disclosures of relevant financial relationships by ASHP staff and other planners are available on request. In accordance with these standards, any actual conflicts of interest have been resolved prior to the CE activity taking place.

Continuing Professional Development (CPD)

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

1. Login to the ASHP eLearning Portal at elearning.ashp.org with the email address and password that you used when registering for the Summer Meetings. The system validates your meeting registration to grant you access to claim credit.

2. Click Process CE for the Summer Meetings and Exhibition.

3. Enter the Attendance Codes that were announced during the sessions, and click Submit.

4. Click Claim for any session.

5. Complete the Evaluation.

6. Once all requirements are complete, click Claim Credit. 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).
   - If you don’t see your profession, or don’t have an NABP ID (international, students, etc.), select ASHP Statement of Completion.

For symposia offered by other CE providers, or BPS Specialty Review Courses, please follow the directions given with the program materials. If you have any questions, contact the program coordinator.

To be sure your CE is accepted inside of ACPE’s 60 day window, plan to process your CE before August 1, 2017!

Are You an Exhibitor?

Exhibitors should complete the steps below first. If you encounter any issues with the process, visit the Meeting Info Desk onsite or email EducServ@ashp.org.

1. Login to www.ashp.org/ExhibitorCE with your ASHP username and password.

2. Click the Get Started button.

3. From the drop-down menu, select the 2017 Summer Meetings and Exhibition.

4. From the list of exhibitors, select your exhibiting company. Your screen will change, and you will then be logged into the ASHP eLearning Portal.

5. Follow the instructions in the section above this, starting with Step 2.

Questions: Contact EducServ@ashp.org.
# Schedule-at-a-Glance

## Saturday, June 3

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 a.m.–5:30 p.m.</td>
<td>House of Delegates Registration ★ Mezzanine Lobby, Mezzanine Level</td>
<td></td>
</tr>
<tr>
<td>7:30 a.m.–6:00 p.m.</td>
<td>Ambulatory Care Review and Recertification Course★</td>
<td>Minneapolis Grand Ballroom C, Second Floor, Hilton Minneapolis</td>
</tr>
<tr>
<td>7:30 a.m.–6:00 p.m.</td>
<td>Pharmacotherapy Review and Recertification Course★</td>
<td>Minneapolis Grand Ballroom D, Second Floor, Hilton Minneapolis</td>
</tr>
<tr>
<td>7:30 a.m.–6:00 p.m.</td>
<td>Pediatric Pharmacy Specialty Examination Review Course★</td>
<td>Minneapolis Grand Ballroom B, Second Floor, Hilton Minneapolis</td>
</tr>
<tr>
<td>7:30 a.m.–6:00 p.m.</td>
<td>Critical Care Pharmacy Specialty Examination Review Course★</td>
<td>Minneapolis Grand Ballroom F, Second Floor, Hilton Minneapolis</td>
</tr>
<tr>
<td>8:00 a.m.–4:30 p.m.</td>
<td>340B University★ Marquette Ballroom, Second Floor, Hilton Minneapolis</td>
<td></td>
</tr>
<tr>
<td>12:30 p.m.–2:15 p.m.</td>
<td>State Affiliate Volunteer Great Ideas Networking Forum ★ Room M100 J, Mezzanine Level</td>
<td></td>
</tr>
<tr>
<td>2:30 p.m.–4:30 p.m.</td>
<td>House of Delegates Open Forum for Members ★ Room M100 F, Mezzanine Level</td>
<td></td>
</tr>
<tr>
<td>4:30 p.m.–5:30 p.m.</td>
<td>Delegate Primer on HOD Processes ★ Room M100 J, Mezzanine Level</td>
<td></td>
</tr>
<tr>
<td>4:30 p.m.–5:30 p.m.</td>
<td>Networking Session: Women in Pharmacy Leadership ★ Room L100 F, Lower Level</td>
<td></td>
</tr>
</tbody>
</table>

## Sunday, June 4

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 a.m.–11:30 a.m.</td>
<td>House of Delegates Registration ★ Mezzanine Lobby, Mezzanine Level</td>
<td></td>
</tr>
<tr>
<td>7:30 a.m.–8:30 a.m.</td>
<td>Federal Pharmacists Caucus ★ Room M100 H, Mezzanine Level</td>
<td></td>
</tr>
<tr>
<td>7:30 a.m.–6:00 p.m.</td>
<td>Ambulatory Care Review and Recertification Course★</td>
<td>Minneapolis Grand Ballroom C, Second Floor, Hilton Minneapolis</td>
</tr>
<tr>
<td>7:30 a.m.–6:00 p.m.</td>
<td>Pharmacotherapy Review and Recertification Course★</td>
<td>Minneapolis Grand Ballroom D, Second Floor, Hilton Minneapolis</td>
</tr>
<tr>
<td>7:30 a.m.–6:00 p.m.</td>
<td>Pediatric Pharmacy Specialty Examination Review Course★</td>
<td>Minneapolis Grand Ballroom B, Second Floor, Hilton Minneapolis</td>
</tr>
<tr>
<td>7:30 a.m.–6:00 p.m.</td>
<td>Critical Care Pharmacy Specialty Examination Review Course★</td>
<td>Minneapolis Grand Ballroom F, Second Floor, Hilton Minneapolis</td>
</tr>
<tr>
<td>8:00 a.m.–9:30 a.m.</td>
<td>Meet and Greet with Pharmacy Leaders ★ Room M100 J, Mezzanine Level (Student Programming)</td>
<td></td>
</tr>
<tr>
<td>8:00 a.m.–9:30 a.m.</td>
<td>The Joint Commission Update—Summer 2017 (CE-PNP)</td>
<td>Room 200 D, Level 2</td>
</tr>
<tr>
<td>8:00 a.m.–9:30 a.m.</td>
<td>RxNorm: Why Should Pharmacists Care? (CE)</td>
<td>Room L100 F, Lower Level</td>
</tr>
<tr>
<td>8:00 a.m.–9:30 a.m.</td>
<td>The Joint Commission Update—Summer 2017 (CE-PNP)</td>
<td>Room 200 D, Level 2</td>
</tr>
<tr>
<td>8:00 a.m.–9:30 a.m.</td>
<td>Is Pharmacy Sinking in Its Own Terminology Soup? (CE)</td>
<td>Room L100 H, Lower Level</td>
</tr>
<tr>
<td>8:30 a.m.–9:30 a.m.</td>
<td>Small and Rural Hospital Caucus ★ Room M100 H, Mezzanine Level</td>
<td></td>
</tr>
<tr>
<td>9:30 a.m.–11:30 a.m.</td>
<td>Caucuses Facilitated by the Chair of the House ★ Room M100 F, Mezzanine Level</td>
<td></td>
</tr>
<tr>
<td>9:30 a.m.–12:30 p.m.</td>
<td>Strategies for Personal and Professional Success Workshop ★ Room M100 J, Mezzanine Level (Student Programming)</td>
<td></td>
</tr>
</tbody>
</table>

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

All rooms are located in the [Minneapolis Convention Center](#) unless otherwise noted.
### Schedule-at-a-Glance

#### Summer Meetings & Exhibition 2017

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:45 a.m.–10:45 a.m.</td>
<td>Medication Safety &amp; Technology: Transitions, Challenges, and Strategies (CE-PNP)</td>
<td>Room 200 D, Level 2</td>
</tr>
<tr>
<td></td>
<td>Medication Safety &amp; Technology: Transitions, Challenges, and Strategies (CE-PNP)</td>
<td>Room 200 D, Level 2</td>
</tr>
<tr>
<td></td>
<td>(9:45 a.m.–11:45 a.m.)</td>
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<tr>
<td></td>
<td>Joseph A. Oddis Colloquium: Ethical Dimensions of the Opioid Crisis (CE)</td>
<td>Room 101 J, Level 1</td>
</tr>
<tr>
<td>11:00 a.m.–12:30 p.m.</td>
<td>ISMP’s Top Medication Safety Issues for 2017—Improving Your Error Reporting Program (CE-PNP)</td>
<td>Room 200 D, Level 2</td>
</tr>
<tr>
<td></td>
<td>ISMP’s Top Medication Safety Issues for 2017—Improving Your Error Reporting Program (CE-PNP)</td>
<td>Room 200 D, Level 2</td>
</tr>
<tr>
<td></td>
<td>(11:00 a.m.–12:30 p.m.)</td>
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<tr>
<td></td>
<td>Cybersecurity: Best Practices for Pharmacy (CE)</td>
<td>Room 101 J, Level 1</td>
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<tr>
<td></td>
<td>Room 101 J, Level 1</td>
<td></td>
</tr>
<tr>
<td>12:45 p.m.–1:45 p.m.</td>
<td>ISMP’s Top Medication Safety Issues for 2017—Improving Your Error Reporting Program (CE-PNP)</td>
<td>Room 200 D, Level 2</td>
</tr>
<tr>
<td></td>
<td>ISMP’s Top Medication Safety Issues for 2017—Improving Your Error Reporting Program (CE-PNP)</td>
<td>Room 200 D, Level 2</td>
</tr>
<tr>
<td></td>
<td>(1:30 p.m.–2:30 p.m.)</td>
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<tr>
<td></td>
<td>New Drugs in Primary Care 2017 (CE)</td>
<td>Room 101 J, Level 1</td>
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<tr>
<td></td>
<td>Room 101 J, Level 1</td>
<td></td>
</tr>
<tr>
<td>1:00 p.m.–5:00 p.m.</td>
<td>Student Advocacy Workshop ♦ Room M100 J, Mezzanine Level (Student Programming)</td>
<td>Room M100 J, Mezzanine Level (Student Programming)</td>
</tr>
<tr>
<td>1:30 p.m.–2:30 p.m.</td>
<td>First House of Delegates Meeting ♦ Exhibit Hall A, Lower Level</td>
<td></td>
</tr>
<tr>
<td>2:45 p.m.–3:45 p.m.</td>
<td>Applying Advanced Clinical Decision Support: Lessons Learned from Pharmacogenomics (CE)</td>
<td>Room L100 F, Lower Level</td>
</tr>
<tr>
<td></td>
<td>Healthcare IT Leadership: Where We’ve Been and Where We’re Going (CE)</td>
<td>Room L100 F, Lower Level</td>
</tr>
<tr>
<td>3:00 p.m.–3:30 p.m.</td>
<td>Meeting the Candidates ♦ Room M100 F, Mezzanine Level</td>
<td></td>
</tr>
<tr>
<td>5:00 p.m.–7:00 p.m.</td>
<td>Grand Opening Reception in the Exhibit Hall ♦ Exhibit Hall B, Level 1</td>
<td></td>
</tr>
</tbody>
</table>

**Monday, June 5**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 a.m.–9:15 a.m.</td>
<td>Summer Meetings Opening Session ♦ Exhibit Hall A, Lower Level</td>
<td></td>
</tr>
<tr>
<td>9:30 a.m.–11:00 a.m.</td>
<td>ConnectLIVE 2017 ♦ Exhibit Hall B, Level 1 (CE-PNP)</td>
<td></td>
</tr>
<tr>
<td>11:00 a.m.–2:00 p.m.</td>
<td>Exhibit Program and Lunch Hosted by ASHP (Lunch served 11:30 a.m.–12:30 p.m.) ♦ Exhibit Hall B, Level 1</td>
<td></td>
</tr>
<tr>
<td>11:30 a.m.–12:30 p.m.</td>
<td>ASHP-PAC Donors Luncheon ♦ Room 101 G, Level 1</td>
<td></td>
</tr>
<tr>
<td>12:00 p.m.–2:00 p.m.</td>
<td>(Promotional Theater) Effective Deployment of Medication Management Supporting Technologies: An Enterprise Driven Approach ♦ Exhibit Hall B, Level 1 (No CE is provided.)</td>
<td></td>
</tr>
<tr>
<td>12:15 p.m.–1:30 p.m.</td>
<td>Posters ♦ Exhibit Hall B, Level 1</td>
<td></td>
</tr>
<tr>
<td>12:15 p.m.–1:45 p.m.</td>
<td>Meet the Candidates ♦ Room M100 F, Mezzanine Level</td>
<td></td>
</tr>
<tr>
<td>12:30 p.m.–1:30 p.m.</td>
<td>Networking Session: Practice Opportunities for Opioid Management in Ambulatory Clinics ♦ Room L100 H, Lower Level</td>
<td></td>
</tr>
<tr>
<td>12:45 p.m.–1:45 p.m.</td>
<td>Student Advocacy Workshop ♦ Room M100 J, Mezzanine Level (Student Programming)</td>
<td></td>
</tr>
<tr>
<td>Time</td>
<td>Session</td>
<td>Room</td>
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</tr>
<tr>
<td>2:00 p.m.–3:30 p.m.</td>
<td>Pharmacists Are the Key: Improving Patient Safety Behaviors in the Digital Age (CE-PNP)</td>
<td>Room 200 D, Level 2</td>
</tr>
<tr>
<td></td>
<td>(2:00 p.m.–5:15 p.m.) Microsoft Excel for the Pharmacy Informaticist (CE)</td>
<td></td>
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<tr>
<td></td>
<td>Getting the Best Out of People: Deepening Team Engagement and Resilience (Advanced Leadership Series, Part 1) (CE)</td>
<td>Room 101 J, Level 1</td>
</tr>
<tr>
<td></td>
<td>Financial Sustainability Strategies for Today and Tomorrow (CE)</td>
<td>Room L100 H, Lower Level</td>
</tr>
<tr>
<td>3:45 p.m.–5:15 p.m.</td>
<td>2nd Annual Great Safety Debates (CE-PNP)</td>
<td>Room 200 D, Level 2</td>
</tr>
<tr>
<td></td>
<td>Getting the Best Out of People: Deepening Team Engagement and Resilience (Advanced Leadership Series, Part 2) (CE)</td>
<td>Room 101 J, Level 1</td>
</tr>
<tr>
<td></td>
<td>Shared Medical Appointments: Improving Access, Outcomes, and Patient Satisfaction (CE)</td>
<td>Room L100 H, Lower Level</td>
</tr>
<tr>
<td>5:30 p.m.–6:30 p.m.</td>
<td>Delegate Reception ♦ Grand Ballroom C, Third Floor, Hilton Minneapolis</td>
<td></td>
</tr>
<tr>
<td>Tuesday, June 6</td>
<td>(Satellite Symposia) Update on Sterile Compounding in Health Systems: Opportunities and Challenges ♦ Hilton Minneapolis</td>
<td></td>
</tr>
<tr>
<td>8:00 a.m.–10:00 a.m.</td>
<td>Medication Safety Stories of Practical Practice Improvement (CE-PNP)</td>
<td>Room 200 D, Level 2</td>
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<tr>
<td></td>
<td>IT Team Analysis: Are you Agile Enough to Work Effectively? (CE)</td>
<td>Room L100 F, Lower Level</td>
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<tr>
<td></td>
<td>How Do I Do an Assessment of Risk? (CE)</td>
<td>Room 101 J, Level 1</td>
</tr>
<tr>
<td></td>
<td>Choosing Resilience: The Key to Thriving Through Change (CE)</td>
<td>Room L100 H, Lower Level</td>
</tr>
<tr>
<td>10:15 a.m.–11:00 a.m.</td>
<td>The Inaugural and Awards ♦ Exhibit Hall A, Lower Level</td>
<td></td>
</tr>
<tr>
<td>11:00 a.m.–2:00 p.m.</td>
<td>Exhibit Program and Lunch Hosted by ASHP (Lunch served 11:30 a.m.–12:30 p.m.) ♦ Exhibit Hall B, Level 1</td>
<td></td>
</tr>
<tr>
<td>12:15 p.m.–1:30 p.m.</td>
<td>Posters ♦ Exhibit Hall B, Level 1</td>
<td></td>
</tr>
<tr>
<td>12:15 p.m.–2:00 p.m.</td>
<td>Caucuses Facilitated by the Chair of the House ♦ M100 F, Mezzanine Level</td>
<td></td>
</tr>
<tr>
<td>12:30 p.m.–1:30 p.m.</td>
<td>Networking Session: ASHP Section of Clinical Specialists and Scientists ♦ Room L100 F, Lower Level</td>
<td></td>
</tr>
<tr>
<td>2:00 p.m.–3:30 p.m.</td>
<td>Moving to Real-Time Patient Safety with Health IT: Creating Value with Improved Safety and Reduced Cost (CE-PNP)</td>
<td>Room 200 D, Level 2</td>
</tr>
<tr>
<td></td>
<td>Moving to Real-Time Patient Safety with Health IT: Creating Value with Improved Safety and Reduced Cost (CE-PNP)</td>
<td>Room 200 D, Level 2</td>
</tr>
<tr>
<td></td>
<td>New Administration, New Congress: An Examination of Key Policy Issues for Health-System Pharmacy (CE)</td>
<td>Room 101 J, Level 1</td>
</tr>
<tr>
<td></td>
<td>Population Health: Using Data Wisely to Enhance Your Ambulatory Care Practice (CE)</td>
<td>Room L100 H, Lower Level</td>
</tr>
<tr>
<td>3:45 p.m.–5:00 p.m.</td>
<td>Re-Inventing the HAMST-R Wheel: Development of an Objective High-Alert Medication Identification Tool (CE-PNP)</td>
<td>Room 200 D, Level 2</td>
</tr>
<tr>
<td></td>
<td>Building a Better Prescription Renewal Protocol through Knowledge Engineering (CE)</td>
<td>Room L100 F, Lower Level</td>
</tr>
<tr>
<td></td>
<td>The ABC’s of Opioid Stewardship Programs (CE)</td>
<td>Room 101 J, Level 1</td>
</tr>
<tr>
<td>4:00 p.m.–6:00 p.m.</td>
<td>Second House of Delegates Meeting ♦ Exhibit Hall A, Lower Level</td>
<td></td>
</tr>
<tr>
<td>7:00 p.m.–10:00 p.m.</td>
<td>Harvey A. K. Whitney Lecture Award Reception and Dinner (ticket required) ♦ Grand Ballroom D, Third Floor, Hilton Minneapolis</td>
<td></td>
</tr>
</tbody>
</table>
Designed for practitioners who are interested in becoming pharmacy preceptors or educators. Our program will develop the knowledge and skills of pharmacists who will be involved with teaching through online, high-quality, and practical professional development.

Highlights of the Teaching Certificate for Pharmacists include the following:

- Helps meet one of the residency preceptor requirement categories
- Learn in manageable segments
- Complete the modules and claim 16+ hours of CE
- Upload practice-based components to earn an ASHP Professional Certificate
- 40 modules presented in 3 tracks Core: Academic Teaching, and Experiential Teaching

www.ashp.org/certificate-programs
BPS Specialty Review and Recertification Courses

Saturday, June 3–Sunday, June 4
7:30 a.m.–6:00 p.m.
Hilton Minneapolis, Grand Ballrooms B, C, D, F

ASHP offers a practical way to prepare for certification exams through 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 looking for a practical, hands-on, and real-life approach to learning that can be immediately implemented into their practice. ASHP’s review course attendees follow patients in real-life scenarios, from initial presentation, medical history, risk factors, and complications throughout their treatments and outcomes. Attendees 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 the ASHP review and recertification courses include:

- Interesting, application-based approach using complex, scenario-based, interactive learning for high-level practitioners and specialists. Practice questions are incorporated throughout all presentations.
- Practice exams with 100+ practice questions with explained answers and links to recommended readings for further self-study.
- Two days of engaging specialty education saving you time away from work and drastically reducing travel expenses.

This year, attendees will select from one of three registration options:

- **Basic Review Course:** includes live course with educational materials (PDF) and practice exam
- **Premium Review Package BEST VALUE:** includes live course with educational materials (PDF), online course, core therapeutic module package**, and practice exam
- **Recertification Package:** includes live course with educational materials (PDF), online course, and recertification assessment (for those seeking BPS recertification credit only)

A separate registration fee is required for the live courses. You do not have to be registered for the 2017 Summer Meetings to attend; however, review and recertification course attendees will receive a 20% discount on a full Summer Meetings registration.

For more information, agenda, faculty list, and to register, go to: [http://www.ashp.org/boardreview2017](http://www.ashp.org/boardreview2017).

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

** Core Therapeutic Modules provide a review of pertinent topics, practice of required skills, and references to helpful study resources. These activities will assist you in identifying areas needed for in-depth review.
Live Review and Recertification Courses at the Summer Meetings

Experience a different way to prepare for the Ambulatory Care Pharmacy, Critical Care Pharmacy, Pediatric Pharmacy, and Pharmacotherapy examinations with ASHP’s application-based approach. Our two-day format will save you time and money without compromising on quality exam preparation.

ASHP/APhA Ambulatory Care Pharmacy Specialty Review and Recertification Course topics:
- Cardiovascular disorders
- Respiratory disorders
- Gastrointestinal disorders
- Neurologic disorders
- Renal disorders
- Psychiatric disorders
- Endocrinologic disorders
- Bone and joint disorders
- Hematologic disorders
- Infectious diseases
- Gynecologic and obstetric disorders
- Urologic disorders
- Nutritional disorders
- Disorders of the eyes, ears, nose, and throat
- Common pediatric disorders
- Other miscellaneous ambulatory care topics

Additional course details include:
- Coverage of practice models, policy, and public health issue topics, which account for 20% of the BCACP exam.
- Inclusion of educational materials that can be downloaded and printed in advance, and a practice test containing 100+ practice questions with explained answers and links to recommended readings for further self-study.

Critical Care Pharmacy Specialty Review and Recertification Course topics:
- Cardiovascular disorders
- Endocrinologic disorders
- Gastrointestinal disorders
- Hematologic disorders
- Infectious diseases
- Neurologic disorders
- Nutrition and nutritional disorders
- Oncologic emergencies
- Renal disorders
- Respiratory disorders
- Toxicology
- Other miscellaneous critical care pharmacy topics

Additional course details include:
- Coverage of practice administration and development topics, which accounts for 15% of the BCCCP exam.
- Inclusion of educational materials that can be downloaded and printed in advance, and a practice test containing 100+ practice questions with explained answers and links to recommended readings for further self-study.

Pediatric Pharmacy Specialty Review and Recertification Course topics:
- Cardiovascular disorders
- Critical care in pediatric patients
- Endocrinologic disorders
- Dermatologic disorders
- Gastrointestinal disorders
- Hematologic disorders
- Infectious diseases
- Neonatal conditions
- Neurologic disorders
- Nutrition and nutritional disorders
- Oncologic disorders
- Psychiatric disorders
- Renal disorders
- Respiratory disorders
- Other miscellaneous pediatric pharmacy topics

Additional course details include:
- Coverage of practice management, public health, and advocacy topics, which account for 24% of the BCPPS exam.
- Inclusion of educational materials that can be downloaded and printed in advance, and a practice test containing 100+ practice questions with explained answers and links recommended readings for further self-study.

Pharmacotherapy Specialty Review and Recertification Course topics:
- Cardiovascular disorders
- Respiratory disorders
- Gastrointestinal disorders
- Renal disorders
- Psychiatric disorders
- Endocrinologic disorders
- Immunologic disorders
- Bone and joint disorders
- Hematologic disorders
- Infectious diseases
- Oncologic disorders
- Nutritional disorders
- Other miscellaneous pharmacotherapy topics

Additional course details include:
- Coverage of system-based standards and population-based pharmacotherapy topics, which account for 20% of the updated BCPS exam.
- Coverage of public health and patient advocacy information in every topic area.
- Inclusion of educational materials that can be downloaded and printed in advance, and a practice test containing 100+ practice questions with explained answers and links recommended readings for further self-study.
Special Events & Activities

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

Saturday, June 3
12:30 p.m.–2:15 p.m. Room M100 J, Mezzanine Level
State Affiliate Volunteer Great Ideas Networking Forum

All state affiliate volunteer leaders (officers, board members, staff, committee chairs, committee members, etc.) are invited to participate. This year’s Great Ideas Networking Forum is designed to provide an opportunity for state affiliate organizations to share their successful ideas and practices with one another. This year’s forum will focus on affiliates that have identified and implemented creative ideas in their state organization and will provide a format to discuss and share those practices.

Acknowledgment of the 2017 Harvey A. K. Whitney Lecture Award Recipient

Max L. (Mick) Hunt, Jr., M.S., M.B.A., FASHP
See page 696 for biography.

Dr. Mae C. Jemison
Keynote Speaker

Find Where the Wind Goes
Dr. Mae C. Jemison, the first woman of color to go into space, served six years as a NASA astronaut. She flew aboard the Space Shuttle Endeavour, STS-47 Spacelab (Japan), mission in September 1992. Dr. Jemison was NASA’s first Science Mission Specialist, performing experiments in material science, life science, and human adaptation to weightlessness. Since leaving NASA, she founded the technology consulting firm The Jemison Group, Inc., which explores and develops standalone science and technology programs and companies. A strong, committed global voice for science literacy, Jemison founded the international science camp The Earth We Share™ for students around the world aged 12 to 16. She also founded and chairs the Dorothy Jemison Foundation for Excellence.

As an Environmental Studies Professor at Dartmouth College, Jemison taught sustainable development and technology design, and ran The Jemison Institute for Advancing Technologies in Developing Countries.

Dr. Jemison is currently leading the 100 Year Starship (100YSS) initiative funded by the Defense Advanced Research Project Agency (DARPA) to ensure that the capability for human interstellar space travel to another star is possible within the next 100 years. The Jemison Group also focuses on the impact of sociocultural issues when designing and implementing technologies, such as using satellite technology for healthcare delivery in West Africa.

Sunday, June 4
5:00 p.m.–7:00 p.m. Exhibit Hall B, Level 1
Grand Opening Reception in the Exhibit Hall

Join colleagues and friends at the Grand Opening Reception of the ASHP 2017 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 $39 and are nonrefundable.

Monday, June 5
8:00 a.m.–9:15 a.m. Exhibit Hall A, Lower Level
Summer Meetings Opening Session

Presidential Address

ASHP President Lisa M. Gersema, Pharm.D., M.H.A., BCPS, FASHP, Director of Pharmacy and Residency Program Director at United Hospital in St. Paul, Minn.
and solar dish Stirling engines for electricity generation in developing countries.

Dr. Jemison is an inductee of the National Women’s Hall of Fame, the National Medical Association Hall of Fame, and the Texas Science Hall of Fame. Among her many honors, awards, and honorary degrees, she has received the National Organization for Women’s Intrepid Award and the Kilby Science Award.

Prior to joining NASA, Jemison was the Area Peace Corps Medical Officer for Sierra Leone and Liberia for two-and-a-half years. In her Peace Corps role, she was responsible for overseeing the healthcare system for the Peace Corps (and the State Department in Sierra Leone). Jemison has worked internationally in a Cambodian refugee camp and with the Flying Doctors of East Africa. Jemison earned a B.S. degree in chemical engineering and completed the requirements for an A.B. degree in African and Afro-American Studies at Stanford University. She earned her M.D. from Cornell University.

Dr. Jemison is a highly sought after speaker on healthcare, social responsibility, technology, and motivation. She has provided commentary for the BBC, “The McNeil-Lehrer Report,” ABC’s “Nightline,” NPR, and CNN. In *Find Where the Wind Goes*, she writes for teenagers about growing up on the South Side of Chicago, her aspiration to be a scientist, her experiences as a medical student in Africa, and her history-making journey into space. She has appeared on an episode of “Star Trek: The Next Generation,” hosted the Discovery Channel’s series “World of Wonder,” and was chosen one of *People* magazine’s “World’s 50 Most Beautiful People” in 1993. Dr. Jemison resides in Houston and loves cats.

**Tuesday, June 6**

**10:15 a.m.–11:00 a.m.**

Exhibit Hall A, Lower Level

**The Inaugural and Awards**

**Welcoming Remarks**

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

**Presentation of the 2017 ASHP Practitioner Recognition Awards**

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

Christine M. Antczak, Pharm.D., FCSHP
Snehal H. Bhatt, Pharm.D., BCPS
Donald L. Branam, Pharm.D., BCPS
Melanie A. Dodd, Pharm.D., Ph.C., BCPS
Christine M. Formea, Pharm.D., BCPS, FCCP
Patrick D. Fuller, Pharm.D., BCPS
Michael Ganio, Pharm.D., M.S., BCPS, CPHIMS
Nadia Z. Haque, Pharm.D., M.H.S.A., BCPS
Justin T. Hare, Pharm.D.
Bryan D. Hayes, Pharm.D., DABAT, FAACT
Erin C. Hendrick, Pharm.D., M.S., BCPS
Kim M. Jones, Pharm.D., BCPS
Jan M. Keresztes, Pharm.D.
Robert J. Kuhn, Pharm.D.
Bonnie Levin, Pharm.D., M.B.A.
Nancy C. MacDonald, Pharm.D., BCPS
Rickey C. Miller, Pharm.D., BCOP, BCPS
Todd W. Nesbit, Pharm.D., M.B.A.
Antonia Pasvantis (Zapantis), Pharm.D., M.S., BCPS
Jennifer A. Phillips, Pharm.D.
The Award of Excellence recognizes a recent, singular, nationally significant achievement or contribution that has advanced the ability of pharmacists to serve the needs of patients.

Erin R. Fox, Pharm.D., BCPS, FASHP and Scott J. Knoer, Pharm.D., M.S., FASHP have worked individually and collectively to raise awareness of policymakers and the public about drug price increases.

Dr. Fox is a respected authority on rising drug costs. Her efforts have been paramount in initiating a national debate on skyrocketing drug pricing and its detrimental effects on patient access and overall care. Through her relentless activism and congressional influence, Dr. Fox has been instrumental in helping deter manufacturers from raising drug prices excessively.

Dr. Knoer is a leading national advocate for increased transparency and reform related to escalating drug prices. He has represented the voice of hospitals and health systems on numerous occasions through the media and congressional interaction, and he can be credited with consistently bringing the profession of pharmacy to the forefront of the discussion on drug pricing. His ability to effectively communicate the impact these rising costs have on the entire healthcare continuum further underscores the vital role pharmacists play in patient care.

Together and individually, Drs. Fox and Knoer have brought much-needed attention to the issue of rising drug costs. Rising drug costs jeopardize patients’ ability to obtain medications, which, in turn, jeopardizes the profession’s ability to achieve positive patient outcomes. By generating and maintaining a national dialogue on this critical issue, these exemplary pharmacists have not only increased awareness of the problem, but have also prompted legislative action to address these increases and ensure greater availability of affordable medication.

Incoming ASHP President Inaugural Address

Paul W. Bush, Pharm.D., M.B.A., BCPS, FASHP

Paul W. Bush is Chief Pharmacy Officer and Health System Pharmacy Administration/MS Residency Program Director at Duke University Hospital, Durham, N.C. Previously, he served as Director of Pharmacy at Medical University of South Carolina (MUSC), St. John Hospital and Medical Center (Detroit), and Detroit Osteopathic Hospital. Dr. Bush holds faculty appointments at University of North Carolina (UNC) Eshelman School of Pharmacy and Campbell University College of Pharmacy, Buies Creek, N.C. Additionally, he has held appointments at MUSC and Wayne State University, Detroit, Mich.

Dr. Bush has focused his career on improving the scope and quality of patient-centered pharmacy services, implementing and expanding residency programs, and mentoring staff, residents, and students.

He earned his B.S. in Pharmacy at the University of Michigan and his Pharm.D. and his M.B.A. at Wayne State University.

Dr. Bush’s ASHP service includes Board of Directors, Commission on Credentialing, Commission on Goals, and the Pharmacy Practice Model Initiative Committee.
7:00 p.m.–10:00 p.m.
Grand Ballroom D, Third Floor, Hilton Minneapolis

**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, Max L. (Mick) Hunt, Jr., M.S., M.B.A., FASHP.

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 (online or on the registration form) or during the meeting at the Ticket Sales counter in the Registration area. Coupon(s) must be purchased by 2:00 p.m. on Monday, June 5. The cost is $130 and is 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 5, at the Ticket Sales counter in the Registration area.

**Max L. (Mick) Hunt, Jr., M.S., M.B.A., FASHP**

Max L. (Mick) Hunt Jr. is a pharmacy leader with a long career in pharmacy administration and education who is noted for his role in the adoption of key advancements in pharmacy practice, commitment to developing future generations of pharmacy leaders, and active service to the profession.

From 2011–2014, Hunt was associate professor and vice chair of Pharmacy Administration at the Northeastern Ohio Medical University College of Pharmacy (NEOMED). While at NEOMED, he developed a two-year combined M.S./residency program in health system pharmacy administration in the College of Graduate Studies in conjunction with the Cleveland Clinic and Akron General Medical Center. Upon his retirement in 2014, the University Board of Trustees granted Hunt the status of associate professor emeritus, the first such designation by the College of Pharmacy.

Before moving full time to academics, Hunt held the position of vice president of pharmacy at Novation, the supply chain management company for VHA and the University Hospital Consortium, working with 1,400 hospitals across the country.

Hunt began his career in 1971 as the Assistant Director of Pharmacy at St. Marys Hospital in Rochester, Minn. He subsequently led the pharmacy departments at Lutheran General Hospital in Park Ridge, Ill., and the University of Kentucky Hospital in Lexington.

He received B.S. and M.S. degrees in pharmacy from the Ohio State University College of Pharmacy and completed a residency in hospital pharmacy at Grant Hospital in Columbus. He also holds an M.B.A. degree from the Lake Forest Graduate School of Management.

A longtime member of ASHP, Hunt has served on several councils and committees and as a Kentucky representative to the ASHP House of Delegates. In 1994, he was elected to a three-year term on the ASHP Board of Directors and, in 1999, was elected as ASHP President. He served two terms as chair of the ASHP Research and Education Foundation Board of Directors from 2001–2003. Hunt has also served in leadership roles with ASHP state affiliates in Minnesota, Illinois, Kentucky, and Texas.

Hunt is the recipient of several awards, including the Illinois and Kentucky Hospital Pharmacist of the Year Award, the Latiolais Award, and the Ohio State University College of Pharmacy Distinguished Alumni Award. He is a Fellow in ASHP and an honorary member of the Texas Society of Health-System Pharmacists.
The Basics

Who: ALL attendees from any of the four meetings
What: An interactive problem-solving session designed for peer sharing
When: Monday, June 5 9:30am–11:00am
Where: Exhibit Hall B, Level 1
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:

• 5min Welcome and Instruction

Rotation #1:

• 5min to find your Community and topic
• 30min 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:

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

Rotation #2:

• 30min 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.
ASHP House of Delegates

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

The House of Delegates is the major policymaking body of ASHP. The 69th Annual Session of the ASHP House of Delegates will convene at the Minneapolis Convention Center during the Summer Meetings. Meetings are scheduled so that all attendees may observe the House in action. The Open Forum on Saturday is your opportunity to share your views with ASHP officers, Board members, and Policy Committee chairs about ASHP activities and services issues, or other matters of professional concern to practitioners.

House of Delegates Registration
Mezzanine Lobby, Mezzanine Level
- Saturday 7:30 a.m.–5:30 p.m.
- Sunday 7:00 a.m.–11:30 a.m.

After Sunday, delegates can register in the Executive Office.

Saturday, June 3
2:30 p.m.–4:30 p.m.
Room M100 F, Mezzanine 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 M100 J, Mezzanine Level
Delegate Primer on HOD Processes
(For all delegates and alternate delegates)
Open to new and current delegates, this session is designed to familiarize members of the House of Delegates with parliamentary procedures used during the meetings.

Sunday, June 4
7:30 a.m.–8:30 a.m.
Room M100 H, Mezzanine Level
Federal Pharmacists Caucus
8:30 a.m.–9:30 a.m.
Room M100 H, Mezzanine Level
Small and Rural Hospital Caucus
9:30 a.m.–11:30 a.m.
Room M100 F, Mezzanine Level
First House of Delegates Caucus
1:00 p.m.–5:00 p.m.
Exhibit Hall A, Lower Level
First House of Delegates Meeting

Monday, June 5
12:15 p.m.–1:45 p.m.
Room M100 F, Mezzanine Level
Meet the Candidates
Hear what each nominee for ASHP President and Board of Directors 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 2018–19 ASHP President and 2018–21 members of the Board of Directors will occur during the annual balloting in July. An audio recording of the “Meet the Candidates” session will be available from the ASHP website in time for the annual balloting.

5:30 p.m.–6:30 p.m.
Grand Ballroom C, Third Floor, Hilton Minneapolis
Delegate Reception
(Open to delegates and alternate delegates)

Tuesday, June 6
12:15 p.m.–2:00 p.m.
M100 F, Mezzanine Level
Second House of Delegates Caucus
4:00 p.m.–6:00 p.m.
Exhibit Hall A, Lower Level
Second House of Delegates Meeting
ASHP House of Delegates Agenda

Presiding—Amber J. Lucas, Chair, House of Delegates

FIRST MEETING

Minneapolis Convention Center
Sunday, June 4
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. Joint Council Task Force on Medical Aid in Dying
   B. Council on Education and Workforce Development
      Todd A. Karpinski, Board Liaison
   C. Council on Pharmacy Management
      Timothy R. Brown, Board Liaison
   D. Council on Pharmacy Practice
      Jennifer M. Schultz, Board Liaison
   E. Council on Public Policy
      Ranee M. Runnebaum, Board Liaison
   F. Council on Therapeutics
      Donald E. Letendre, Board Liaison
6. Report of Treasurer
7. Recommendations of Delegates
8. Announcements
9. Adjournment of First Meeting

SECOND MEETING

Minneapolis Convention Center
Tuesday, June 6
4:00 p.m.–6:00 p.m.

1. Call to Order
2. Quorum Call
3. Committees of the House
   A. Report of Committee on Resolutions
4. Reports of Officers
   A. President and Chair of the Board
      Lisa M. Gersema
   B. Chief Executive Officer
      Paul W. Abramowitz
5. Unfinished and New Business
6. Recommendations of Delegates
7. Installation of Officers and Directors
8. Announcements
9. Adjournment of Second Meeting
Pharmacy Practice Sections Networking Sessions

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

**Saturday, June 3**

4:30 p.m.–5:30 p.m.  Room L100 F, Lower Level

Networking Session: Women in Pharmacy Leadership

**Facilitators:**
Sharon Murphy Enright, B.S.Pharm., M.B.A., Envision-Change, LLC, Atlanta, Ga.
Sara J. White, M.S., FASHP, Mountain View, Calif.

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

**Sunday, June 4**

4:00 p.m.–5:00 p.m.  Room 101 J, Level 1

Networking Session: Patient Stratification Tools—Optimizing Outcomes and Workload Management

**Hosted by the ASHP Section of Pharmacy Practice Managers**

**Facilitator:** Erik Sokn, Pharm.D., M.S., BCPS, Assistant Director of Pharmacy, Cleveland Clinic, Cleveland, Ohio

**Discussion Topics:**
- Use of stratification tools to guide pharmacist workflow
- Critical elements included to build effective stratification tools
- Processes to optimize implementation and adoption

4:00 p.m.–5:00 p.m.  Room L100 F, Lower Level

Networking Session: Tenth Anniversary of the Section of Pharmacy Informatics and Technology

**Hosted by the ASHP Section of Pharmacy Informatics and Technology**

**Facilitator:** Joseph Lassiter, Pharm.D., M.S., BCPS, CPHIMS, Clinical Pharmacy Officer and Senior Consultant, The Robertson Group, Lake Oswego, Ore.

**Discussion Topics:**
- What the Section means to you and the difference it has made in your career
- Section progress over the last 10 years
- Section vision in the next 10 years

4:00 p.m.–5:00 p.m.  Room 200 D, Level 2

Networking Session: Medication Safety: Focus on Pressing Practice Issues

**Hosted by the ASHP Section of Inpatient Care Practitioners**

**Facilitator:** Michael C. Dejos, Pharm.D., BCPS, Medication Safety Officer, Nemours/Alfred I. duPont Hospital for Children, Wilmington, Del.

**Discussion Topics:**
- Eliminating syringe pull back
- Availability of antidotes
- Proactive risk-reduction strategies
- Implementation of USP Chapter <800>
- Preventing controlled substances diversion

**Monday, June 5**

12:30 p.m.–1:30 p.m.  Room L100 H, Lower Level

Networking Session: Practice Opportunities for Opioid Management in Ambulatory Clinics

**Hosted by the ASHP Section of Ambulatory Care Practitioners**

**Facilitator:** Virginia (Ginnie) Ghafoor, Pharm.D., Pain Specialist, University of Minnesota Health, Minneapolis, Minn.

**Discussion Topics:**
- Opioid safety in patients with substance abuse
- Deprescribing opioids in palliative care
- Medication therapy management opioid care packages for pharmacists

**Tuesday, June 6**

12:30 p.m.–1:30 p.m.  Room L100 F, Lower Level

Networking Session: ASHP Section of Clinical Specialists and Scientists

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

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

**Discussion Topics:**
- Clinical metrics to demonstrate pharmacist value
- Outcomes to measure success of a pharmacy service
- Technologies to document pharmacist activity within organizations
- Education, skills, and competencies used to credential and privilege pharmacists
Student Programming

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

**SUNDAY, JUNE 4**

8:00 a.m.–9:30 a.m.  Room M100 J, Mezzanine Level
Meet and Greet with Pharmacy Leaders
Planned in cooperation with the ASHP Pharmacy Student Forum
Facilitated by Sara J. White, this meet and greet allows students 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, Calif.

**Facilitators:**
Roger W. Anderson, Dr.P.H., M.S., (Ret.) Head, Division of Pharmacy, MD Anderson Cancer Center, Houston, Texas

Dan Ashby, M.S., FASHP, Chief Pharmacy Officer, Pharmacy Administration, The Johns Hopkins Health System, Baltimore, Md.

Rebecca Finley, Pharm.D., M.S., Founding Dean and Professor, Jefferson College of Pharmacy, Thomas Jefferson University, Philadelphia, Pa.

Lisa M. Gersema, Pharm.D., BCPS, FASHP, Director of Pharmacy, United Hospital, St. Paul, Minn.

Diane Ginsburg, Ph.D., M.S., FASHP, Clinical Professor/Assistant Dean for Student Affairs, College of Pharmacy, The University of Texas at Austin, Austin, Texas

Harold N. Godwin, M.S., FAPhA, FASHP, Professor Emeritus of Pharmacy Practice, University of Kansas School of Pharmacy, Kansas City, Kan.

Marianne Ivey, Pharm.D., M.P.H., FASHP, Professor Emerita, University of Cincinnati, Pharmacy Practice and Administrative Sciences, Cincinnati, Ohio

Christene Jolowsky, M.S., FASHP, Executive Director, Applied and Experiential Education, University of Minnesota, College of Pharmacy, Minneapolis, Minn.

Kathleen Pawlicki, M.S., FASHP, Chief Pharmacy Officer, Beaumont Hospital-Royal Oak, Beaumont Health, Royal Oak, Minn.

Bruce Scott, M.S., FASHP, President, Envision Pharmacies, North Canton, Ohio

Kelly Smith, Pharm.D., FASHP, FCCP, Associate Dean and Professor, Academic and Student Affairs, University of Kentucky, College of Pharmacy, Lexington, Ky.

Jennifer E. Tryon, Pharm.D., M.S., Associate Vice President, Chief Pharmacy Officer, Wake Forest Baptist Medical Center, Winston-Salem, N.C.

Billy Woodward, R.Ph., B.S., Renaissance Pharmacy Services LLC., Clinical Associate Professor, University of Texas, College of Pharmacy, Austin, Texas

David Zilz, M.S., (Ret.) Director of Pharmacy, Respiratory Care and Policy/Program Development, University of Wisconsin Hospital and Clinics, Madison, Wis.

9:30 a.m.–12:30 p.m.  Room M100 J, Mezzanine Level
Strategies for Personal and Professional Success Workshop
Planned in cooperation with the ASHP Pharmacy Student Forum
Be inspired and motivated to take action in achieving your personal and professional career goals. Panelists of pharmacy leaders will provide examples of how to successfully learn and incorporate skills including work-life integration, emotional intelligence, self-assessment, and mentor-coach-sponsor relationships.

**Speakers:**
Stephen J. Davis, Pharm.D., M.S., Pharmacy Manager, Texas Children's Hospital, Houston, Texas

Katherine A. Miller, Pharm.D., M.H.A., Pharmacy Director—System Inpatient Clinical Services, PGY1 Pharmacy Residency Program Director. The University of Kansas Health System, Kansas City, Kan.

**MONDAY, JUNE 5**

12:45 p.m.–1:45 p.m.  Room M100 J, Mezzanine Level
Student Advocacy Workshop
The session will provide an overview of the components of political advocacy as well as background on key issues affecting pharmacy students. You'll get details on current provider status legislation and the Pharmacy and Medically Underserved Areas Enhancement Act, and you'll learn what you and your SSHP can do to build support for the bills and help ensure that pharmacists are recognized as providers.

**Speaker:**
Janet Lee, Pharm.D., M.P.A., M.B.A., Operations Manager, Ambulatory and Care Transitions, Department of Pharmacy—The Johns Hopkins Hospital, Baltimore, Md.
AMBULATORY CARE CONFERENCE
Advancing Ambulatory Care Practice Through Education
Ambulatory Care Conference

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

The Ambulatory Care Conference (AC2) provides the best opportunity to participate in a community focused on creating a foundation for advancing ambulatory care practice. Attendees 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 use research that aims to further validate the clinical and economic outcomes of pharmacists’ contributions to patient care in ambulatory settings and to provide a system for prioritizing patients in need of higher-level drug therapy management.

Who Should Attend?
- Pharmacists at all levels of practice
- Consultants
- Vendor representatives

Four Meetings. One Unifying Event.

Attendees who choose AC2 as their primary meeting will have complete and total access to all of the sessions and events happening at the Medication Safety Collaborative (MSC), the Informatics Institute (I2), and Pharmacy, Practice & Policy. Customize your experience—stay in your boutique conference or attend any individual sessions of interest across the four meetings.

Daily Schedule

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

**SATURDAY JUNE 3**

7:30 a.m.–6:00 p.m. Hilton Minneapolis
Grand Ballrooms B, C, D, F

BPS Specialty Review and Recertification Courses
For more information, see page 691.

8:00 a.m.–4:30 p.m. Marquette Ballroom
Second Floor, Hilton Minneapolis

340B University™

Breakfast and lunch are included. Summer Meetings registration is not required. **Limit: 200 attendees.**

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

For more information and to register, visit https://www.eiseverywhere.com/ehome/231159.

4:30 p.m.–5:30 p.m. Room L100 F, Lower Level Networking Session: Women in Pharmacy Leadership
For more information, see page 700.

**SUNDAY, JUNE 4**

7:30 a.m.–6:00 p.m. Hilton Minneapolis
Grand Ballrooms B, C, D, F

BPS Specialty Review and Recertification Courses
For more information, see page 691.

8:00 a.m.–9:30 a.m. Room L100 H, Lower Level
Is Pharmacy Sinking in Its Own Terminology Soup?
Activity#: 0204-0000-17-133-L04-P
1.50 Contact Hours | Application-based

**Program Chair/Moderator:** Mary A. Kliethermes, Pharm.D., B.S., Vice Chair, Professor, Chicago College of Pharmacy, Downers Grove, Ill.

Brewing externally as well as internally within the pharmacy profession is discomfort and confusion over pharmacy’s choices of terminology to describe the patient care services pharmacists provide. Within the past year, several commentaries have been written for the profession to bring clarity, accuracy, and consistent meaning to terms pharmacist health-care providers use to describe their patient care services. The time has perhaps never been more critical for healthcare providers to understand and demonstrate clearly the value they bring to the healthcare enterprise in the fast-evolving, value-based payment models. The heterogeneity of terminology has hindered pharmacy in building a universal and evidence-based infrastructure to ensure pharmacist patient care servic-
es exist in the future models of healthcare in our country. This session will discuss the background of how pharmacists find themselves in this situation; encourage a discussion of potential solutions and consensus terminology structure that meets the comprehensiveness, clarity, and consistency desired; and finally, recommend critical elements for reporting on research and patient care experiences in the literature.

**Learning Objectives:**
- Recognize how current terminology describing pharmacist patient care services creates confusion among ourselves as pharmacists and our customers: patients, other healthcare providers, administrators, and payers.
- Justify potential solutions and consensus terminology structure to address the need for clear, accurate, and consistent meaning of the words used to describe pharmacist patient care services.
- Distinguish critical elements to report regarding pharmacist patient care services when reporting practice-based research and experience in healthcare literature.

**Presenters:**
Anne Burns, B.S.Pharm., Vice President, Professional Affairs, American Pharmacists Association, Washington, DC.
Mary A. Kliekermes, Pharm.D., B.S.
Troy Trygstad, Pharm.D., Ph.D., M.B.A., Vice President Pharmacy Programs, Community Care of North Carolina, Chapel Hill, N.C.

**9:45 a.m.–11:45 a.m. Room L100 H, Lower Level**

**Show Me the Money: Billing Principles in Ambulatory Care**

Activity#: 0204-0000-17-134-L04-P
2.00 Contact Hours | Application-based

**Program Chair/Moderator:** Jessica Skelley, Pharm.D., BCACP
Assistant Professor of Pharmacy Practice, Samford University, Birmingham, Ala.

Pharmacists need to have a thorough comprehension of billing, including the language, intent, and mechanics of evaluation and management. Current procedural terminology (CPT), and the Healthcare Common Procedure Coding System (HCPCS) and apply this content at their own clinical practices. Attendees will learn about the rules and regulations regarding billing in different settings (e.g., hospital outpatient clinics vs. private practice) to determine what types of services can be billed at their specific organizations. Using a series of application exercises and patient case scenarios, this session will provide attendees the opportunity to become familiar with common billing concepts and related provider responsibilities such as the process of incident-to billing, how to determine the level of the visit, and how to code and bill at the completion of a visit.

**Learning Objectives:**
- Apply codes and billing methods appropriately.
- Interpret the requirements for pharmacists’ use of incident-to billing.
- Recommend the evaluation and management requirements to be able to bill at each level of visit.

**Presenters:**
Jamie Cavanaugh, Pharm.D., BCPS, CPP, Assistant Professor, University of North Carolina at Chapel Hill, Chapel Hill, N.C.
Jessica Skelley, Pharm.D., BCACP
Zachary Weber, Pharm.D., BCACP, BCPS, CDE, Clinical Associate Professor, Purdue University, Indianapolis, Ind.

**1:30 p.m.–3:30 p.m. Room L100 H, Lower Level**

**Storytelling to Build Teams and Create Urgency for Meaningful Change**

Activity#: 0204-0000-17-135-L04-P
2.00 Contact Hours | Application-based

**Program Chair/Moderator:** Todd D. Sorensen, Pharm.D., Professor, College of Pharmacy, University of Minnesota, Minneapolis, Minn.

Although data is typically thought to be the most powerful tool in gathering support, changing opinion, or lobbying for a new initiative, it is frequently overlooked that a decision to act is often highly influenced by an emotional response to a captivating situation or scenario. One tactic to create emotional engagement to a new idea is storytelling. Compelling stories coupled with objective data and clear purpose can create an environment that rallies staff and decision-makers around an idea, thereby potentially increasing the likelihood of administrative approval for new initiatives of positions. This session will highlight the principles of an effective narrative, which can serve as a model for attendees to frame their own stories. To make the principles more applicable to pharmacy, the presenters will also model effective storytelling for attendees from a healthcare standpoint. The session will also discuss storytelling in the larger context of a narrative, which highlights how this leadership skill can be strategically used to advance an initiative. Attendees will leave this session able to apply the basic tenants of a well-developed story as well as where and when it can be used in team-building and change initiatives.

**Learning Objectives:**
- Recognize evidence that supports the impact of public narrative in producing change in organizations.
- Develop a personal story using the challenge-choice-outcome storytelling structure.
- Apply a story (or narrative) to a personal situation as an effective strategy to create influence.
- Apply basic tenants of storytelling to effect change and support team-building.
**Presenters:**
Andrew Morris-Singer, M.D., President & Founder, Primary Care Progress, Cambridge, Mass.
Todd D. Sorensen, Pharm.D.
Kyle Turner, Pharm.D., Assistant Professor (Clinical), University of Utah, Salt Lake City, Utah

4:00 p.m.–5:00 p.m.  Room 101 J, Level 1
Networking Session: Patient Stratification Tools—Optimizing Outcomes and Workload Management
For more information, see page 700.

4:00 p.m.–5:00 p.m.  Room L100 F, Lower Level
Networking Session: Tenth Anniversary of the Section of Pharmacy Informatics and Technology
For more information, see page 700.

4:00 p.m.–5:00 p.m.  Room 200 D, Level 2
Networking Session: Medication Safety: Focus on Pressing Practice Issues
For more information, see page 700.

5:00 p.m.–7:00 p.m.  Exhibit Hall B, Level 1
Grand Opening Reception in the Exhibit Hall
Ticket required. For more information, see page 693.

**Monday, June 5**

8:00 a.m.–9:15 a.m.  Exhibit Hall A, Lower Level
Summer Meetings Opening Session
For more information, see page 693.

9:30 a.m.–11:00 a.m.  Exhibit Hall B, Level 1
**ConnectLIVE! 2017**
Activity#: 0204-0000-17-142-L04-P
               0204-0000-17-142-L04-T
1.00 Contact Hours | Knowledge-based

A revolutionary event to change the way you connect. See page 697 for more information.

**Learning Objectives:**
• State one problem, obstacle, or challenge in pharmacy practice that affects the delivery of patient care or pharmacy operations.
• Given a specific problem, obstacle, or challenge, describe the impact on the delivery of patient care or pharmacy operations.
• Given a specific problem, obstacle, or challenge, discuss potential solutions.
• Evaluate potential solutions to a specific problem, obstacle, or challenge, and explain applicability to your practice.

11:00 a.m.–2:00 p.m.  Exhibit Hall B, Level 1
**Exhibit Program and Lunch Hosted by ASHP**
Lunch served 11:30 a.m. to 12:30 p.m. Ticket required.
For more information, see page 679.

11:30 a.m.–12:30 p.m.  Room 101 G, Level 1
**ASHP-PAC Donors Luncheon**

12:15 p.m.–1:30 p.m.  Exhibit Hall B, Level 1
**Posters**
For complete listing, see page 734.

No CE is provided.

### 12:30 p.m.–1:30 p.m.
Room L100 H, Lower Level Networking Session: Practice Opportunities for Opioid Management in Ambulatory Clinics

For more information, see page 700.

### 2:00 p.m.–3:30 p.m.
Room L100 H, Lower Level

**Financial Sustainability Strategies for Today and Tomorrow**

*Activity#: 0204-0000-17-136-L04-P*

1.50 Contact Hours | Application-based

**Program Chair/Moderator:** Gloria Sachdev, Pharm.D., B.S.Pharm., FASHP, Clinical Assistant Professor, Purdue University, Indianapolis, Ind.

Centers for Medicare & Medicaid Services (CMS), employers, and health plans aim to pay for value as healthcare transitions to a value-based model of reimbursement. Healthcare payors all have pricing data and are working on getting more robust quality data (not only process measures, but also patient outcome measures). A strategy for developing sustainable reimbursement of pharmacist services is to begin by conducting needs assessment, identifying gaps in care, determining which gaps can be closed by pharmacist services, and understanding that payment is for achieving quality and value. Billing is part of the overall sustainability plan of aligning with health-system financial incentives. Attendees will be introduced to each ambulatory care service offered, including information on how long each has been in place and a high-level description of each service provided. This session will describe business strategies regarding justifications in getting staffing resources approved. The session will also highlight strategies in getting business plans approved by senior executives. Challenges encountered along the way in establishing billing services, how they were addressed, and plans for the future will also be described and discussed.

**Learning Objectives:**
- Implement strategies for developing sustainable ambulatory care pharmacist services.
- Develop strategies for expanding ambulatory care pharmacy services using clinical and financial data.
- Assess challenges in building, maintaining, and growing robust core ambulatory pharmacy services including effective pharmacist billing strategies.

**Presenters:**
- Justin W. Bouw, Pharm.D., BCACP, CDE, Ambulatory Care Clinical Pharmacy Manager, UC San Diego Health, San Diego, Calif.
- Emily Papineau, Pharm.D., BCPS, Executive Director of Ambulatory Pharmacy Services, Community Health Network, Indianapolis, Ind.
- Gloria Sachdev, Pharm.D., B.S.Pharm., FASHP

### 3:45 p.m.–5:15 p.m.
Room L100 H, Lower Level

**Shared Medical Appointments: Improving Access, Outcomes, and Patient Satisfaction**

*Activity#: 0204-0000-17-137-L04-P*

1.50 Contact Hours | Application-based

**Program Chair/Moderator:** Pamela L. Stamm, Pharm.D., BCACP, RCPS, CDE, FASHP, Associate Professor of Pharmacy Practice, Auburn University, Auburn, Ala.

The shared medical appointment (SMA) is a relatively new and evolving model of care involving a multidisciplinary team providing care to a group of similar patients in a 1.5- to 2-hour time frame. SMAs offer practitioners the ability to obtain improved access to multiple disciplines, modify behaviors, develop problem-solving skills, teach goal-setting, empower patients, achieve outcomes, and improve patient satisfaction.

As pharmacists’ ambulatory care roles expand, many are discovering rewarding opportunities within SMAs as medication adjusters, educators, and behavioral facilitators. Presenters in this session will include administrators and practitioners who will share pearls and best practices during a thought-provoking discussion of infrastructure, workload, roles, responsibilities, group structure, and sustainability of SMAs. Attendees will be guided through the steps necessary to address common challenges faced by the SMA team, identifying eligible patients, setting the visit agendas, billing practices, and discharging patients as well as the steps necessary to establish SMAs across diverse ambulatory care settings.

**Learning Objectives:**
- Establish a shared medical appointment (SMA) agenda and role for assigned staff members during the SMA appointment.
- Develop a timeline and strategy for implementation of a new SMA in a simulated ambulatory care clinic.
- Recruit appropriate staff members to serve on an SMA team.
- Select acceptable billing strategies for various SMA staffing models.
- Propose alternatives consistent with the SMA philosophy for managing challenging situations.

**Presenters:**
- Binita Patel, Pharm.D., M.S., B.S., Senior Director, Lash Group, Charlotte, N.C.
- Pamela L. Stamm, Pharm.D., BCACP, BCPS, CDE, FASHP
Summer Meetings & Exhibition 2017

Tuesday, June 6
8:00 a.m.–10:00 a.m. Room L100 H, Lower Level
Choosing Resilience: The Key to Thriving Through Change
Activity#: 0204-0000-17-138-L04-P
2.00 Contact Hours | Application-based
Moderator: Mollie Scott, Pharm.D., BCACP, CPP, FASHP, Regional Associate Dean, UNC Eschelman School of Pharmacy, Chapel Hill, N.C.

Every healthcare system today faces unrelenting change, and mismanaged change fatigue is leading to an epidemic of costly burnout across health professions. In this session, attendees will be provided with the antidote to this epidemic. Evidence-based tactics and strategies for managing the psychological underbelly of coping with change and deepening resilience will help show the way through hard times and help attendees emerge stronger for having had the experience. Attendees will learn how to deepen their collegiality and foster individual and team resilience. This session will also share findings from cutting-edge, peer-reviewed research on burnout across health professions. In this session, attendees will learn how to deepen their collegiality and foster individual and team resilience. This session will also share findings from cutting-edge, peer-reviewed research on burnout, career satisfaction, and work-life balance among health-care professionals.

Learning Objectives:
• Discuss the four factors that differentiate “good work.”
• Evaluate the relationship between provider resilience and patient outcomes.
• Analyze team dynamics in light of keys from motivational psychology.
• Outline the four phases of team development.
• Create strategies to boost both individual and team resilience.

Presenter: Wayne M. Sotile, Ph.D., Founder, Sotile Center for Resilience—Center for Physician Resilience, Davidson, N.C.

10:15 a.m.–11:00 a.m. Exhibit Hall A, Lower Level
The Inaugural and Awards
For more information, see page 694.

11:00 a.m.–2:00 p.m. Exhibit Hall B, Level 1
Exhibit Program and Lunch Hosted by ASHP
Lunch served 11:30 a.m. to 12:30 p.m. Ticket required.
For more information, see page 679.

2:00 p.m.–3:30 p.m. Room L100 H, Lower Level
Population Health: Using Data Wisely to Enhance Your Ambulatory Care Practice
Planned in cooperation with the ASHP Section of Ambulatory Care Practitioners and the ASHP Section of Pharmacy Informatics and Technology
Activity#: 0204-0000-17-118-L04-P
1.50 Contact Hours | Application-based
Program Chair/Moderator: Martin Bishop, Pharm.D., M.S., BCACP, Clinical Pharmacy Specialist in Ambulatory Care and Population Health, The Johns Hopkins Hospital, Baltimore, Md.

With the convergence of access to patient data, health IT development, and healthcare payment reform, pharmacists have the opportunity and responsibility to transform medication use for entire populations of patients. Although these changes affect pharmacists operating in acute care or transitions of care, ambulatory care pharmacists should lead this transformation in their health systems by leveraging health IT access to improve patient care. Attendees will review relevant definitions of population health and, more specifically, population health management. They will learn about incentives for health systems to improve the health of populations they serve, which often guide priorities and data elements collected. They will also discuss data access, including barriers and obstacles to overcome, along with tools to collect and visualize data and identify patients for interventions. The session will provide attendees the opportunity to discuss these concepts during a series of case studies, and to develop a response to various requests and issues in improving ambulatory care and population health management. This will enable attendees to apply these concepts at their own clinical practice or health system.

Learning Objectives:
• Define population health.
• Outline incentives for developing a population health program.
• Differentiate the data elements required and potential barriers to data access.
• Evaluate tools for data visualization and risk stratification used to identify targets.
• Predict best use of pharmacy resources to target chronic disease management or other drug therapy management targets.

Presenters:
Martin Bishop, Pharm.D., M.S., BCACP
Jacob Smith, Pharm.D., M.B.A., Assistant Director of Pharmacy, Quality Improvement and Regulatory Affairs, The Johns Hopkins Health System, Baltimore, Md.

For more information, see page 679.

12:15 p.m.–1:30 p.m. Exhibit Hall B, Level 1
Posters
For complete listing, see page 734.

12:30 p.m.–1:30 p.m. Room L100 F, Lower Level
Networking Session: ASHP Section of Clinical Specialists and Scientists
For more information, see page 700.
Ambulatory Care Pearls 2017

Planned in cooperation with the ASHP Section of Ambulatory Care Practitioners

Activity#: 0204-0000-17-139-L04-P
1.25 Contact Hours | Knowledge-based

Program Chair/Moderator: Michelle L. Hilaire, Pharm.D., BCACP, BCPS, CDE, CPhA, Clinical Professor, University of Connecticut School of Pharmacy, Farmington, Conn.

Ambulatory Care Pearls offers timely and relevant five-minute presentations that provide important and immediate takeaways for ambulatory care pharmacists and their practices. Subjects are diverse in nature and show the ambulatory care pharmacist new ideas and what works in the real world.

Learning Objectives:
- Identify novel clinical practice options for patient care in the ambulatory setting.
- Compare and contrast opportunities to improve ambulatory care services.
- Describe effective medication management strategies for ambulatory care practice.
- Outline teaching and learning activities that may add benefit to your practice.

Presenters:
Andy Carrington, Pharm.D., CPP, PGY2 Ambulatory Care/Pharmacy Practice Resident, MAHEC/UNC Eshelman School of Pharmacy, Asheville, N.C.

Lindsay D. Crawford, Pharm.D., BCPS, PGY2 Ambulatory Care Pharmacy Practice Resident, Boise VA Medical Center, Boise, Idaho

Brian Cryder, Pharm.D., BCACP, BCPS, CDE, FAPhA, Associate Professor, Midwestern University—Chicago College of Pharmacy, Downers Grove, Ill.

Karen Gunning, Pharm.D., BCACP, BCPS, FCCP, Professor & Interim Chair of Pharmacotherapy, University of Utah, Salt Lake City, Utah

Felicity Homsted, Pharm.D., BCPS, Chief Pharmacy Officer, Penobscot Community Health Care, Bangor, Maine

Anne Misher, Pharm.D., CDE, Clinical Assistant Professor, University of Georgia, Savannah, Ga.

Haley Phillippe, Pharm.D., BCPS, Associate Clinical Professor, Auburn University, Huntsville, Ala.

Ashley N. Pokallus, Pharm.D., CPP, PGY2 Ambulatory Care with an Emphasis in Academia, Mountain Area Health Education Center (MAHEC), Asheville, N.C.

Katie L. Taylor, Pharm.D., BC-ADM, BCACP, Assistant Professor (Clinical), University of Utah College of Pharmacy, Salt Lake City, Utah

7:00 p.m.–10:00 p.m. Grand Ballroom D, Third Floor Hilton Minneapolis

Harvey A.K. Whitney Lecture Award Reception and Dinner

Ticket required. For more information, see page 696.

WEDNESDAY, JUNE 7

8:00 a.m.–10:45 a.m. Room L100 H, Lower Level

Principles of Project Management for Healthcare Settings

Activity#: 0204-0000-17-111-L04-P
0204-0000-17-111-L04-T
2.75 Contact Hours | Application-based

Presenter: Mark Waldof, MSEE, BEE, Owner, Mark Waldof Consulting LLC, Rosemount, Minn.

In this first of a two-part session given in conjunction with University of Minnesota project management experts and ASHP team leaders, attendees will learn the basic principles of project management. Discussion of these principles will be followed by a specifically designed workshop that will allow attendees to apply the newly learned skills so they can then take them back to their practices.

Learning Objectives:
- Discuss the benefits of management in a healthcare setting.
- Compare and contrast projects and operations.
- Distinguish among projects, programs, and portfolios.
- Describe differences between functional and matrixed organizations.
- State the major tasks of each phase of a project.
- Examine the concept of triple constraints (scope, time, cost).
- Evaluate how other knowledge areas may influence a project’s success.

10:45 a.m.–11:15 a.m. Lobby B, Level 1

Networking Energy Break

11:15 a.m.–12:30 p.m. Room L100 H, Lower Level

Project Management: Applications for Ambulatory Care Practitioners

Activity#: 0204-0000-17-141-L04-P
1.25 Contact Hours | Application-based

Presenter: Mark Waldof, MSEE, BEE, Owner, Mark Waldof Consulting LLC, Rosemount, Minn.

In this portion of the project management workshop, attendees will have an opportunity to apply project management techniques to a realistic scenario in ambulatory care and work in teams to develop appropriate strategies.

Learning Objectives:
- Describe at least five components of the project management process.
- Implement three project components using principles discussed in the presentation.
- Formulate plans to address at least three possible limitations of pharmacy projects.
Medication Safety Collaborative

The Medication Safety Collaborative (MSC) is for interprofessional teams of clinicians and administrators who focus on quality and patient safety.

MSC offers four days of education and invaluable networking that will equip and inspire attendees to immediately implement their newfound knowledge into their practices. The content focuses on innovative practices and solutions to optimize safety and quality outcomes. A faculty of distinguished patient-safety experts will lead engaging and interactive sessions where attendees can earn more than 18 hours of CPE, CME, or Nursing CE.

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

Focus on the top safety issues, get timely updates 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.

Four Meetings. One Unifying Event.
Attendees who choose MSC as their primary meeting will have complete and total access to all of the sessions and events happening at the Informatics Institute (I2), the Ambulatory Care Conference (AC2), and Pharmacy, Practice & Policy. Customize your experience—stay in your boutique conference or attend any individual sessions of interest across the four meetings.

Daily Schedule

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

NOTE: All educational sessions within the Medication Safety Collaborative are approved for pharmacy, physician, and nursing education credits, unless otherwise noted.

Saturday June 3
7:30 a.m.–6:00 p.m.  Hilton Minneapolis
Grand Ballrooms B, C, D, F
BPS Specialty Review and Recertification Courses
For more information, see page 691.

8:00 a.m.–4:30 p.m.  Marquette Ballroom, Second Floor
Hilton Minneapolis
340B University™
Breakfast and lunch are included. Summer Meetings registration is not required. Limit: 200 attendees.

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

For more information and to register, visit https://www.eiseverywhere.com/ehome/231159.

4:30 p.m.–5:30 p.m.  Room L100 F, Lower Level
Networking Session: Women in Pharmacy Leadership
For more information, see page 700.

Sunday, June 4
7:30 a.m.–6:00 p.m.  Hilton Minneapolis
Grand Ballrooms B, C, D, F
BPS Specialty Review and Recertification Courses
For more information, see page 700.

8:00 a.m.–9:30 a.m.  Room 200 D, Level 2
The Joint Commission Update—Summer 2017
Activity#: 0204-0000-17-101-L03-P
0204-0000-17-101-L03-T
1.50 Contact Hours | Knowledge-based
Presenter: Jeannell Mansur, Pharm.D., FASHP, Practice Leader, Medication Management and Safety, Joint Commission Resources, Oak Brook, Ill.

Hear up-to-the-minute information on changes to medication management standards from an internationally recognized expert in the field. More importantly, anticipated future changes will be discussed, and attendees will garner critical information about how to prepare for (and survive!) a pharmacy tracer event.

Learning Objectives:
- Identify at least one key issue found on survey relating to the top four challenging medication management standards and state strategies to ensure compliance with those top challenging standards.
- Describe impending changes to standards in the medication management chapter for 2017 and 2018.
- Describe changes anticipated pertaining to standards relating to opioid prescribing and pain management in 2017.
- List three strategies for preparing for a tracer in the pharmacy.

9:45 a.m.–10:45 a.m. Room 200 D, Level 2
Medication Safety & Technology: Transitions, Challenges, and Strategies
Planned in cooperation with the ASHP Section of Pharmacy Informatics and Technology
Activity#: 0204-0000-17-102-L05-P
0204-0000-17-102-L05-T
1.00 Contact Hours | Knowledge-based

Moderator: Kristin Tuiskula, Pharm.D., Medication Safety Clinical Coordinator, Massachusetts General Hospital, Boston, Mass.

Healthcare IT consultant Dr. Karen Zimmer, M.D., will highlight and instruct attendees on some practical ways to prevent unintentional harm as technology improvements cause shock waves in the medical record.

Learning Objectives:
- Discuss the challenge of transitioning from paper to technology in medication safety.
- Describe a medication safety model.
- Explain the newer challenges in the medication process breakdown.
- Describe tools to help address the process breakdowns.


11:00 a.m.–12:30 p.m. Room 200 D, Level 2
ISMP’s Top Medication Safety Issues for 2017—Improving Your Error Reporting Program
Activity#: 0204-0000-17-103-L05-P
0204-0000-17-103-L05-T
1.50 Contact Hours | Application-based


Hear from Institute for Safe Medication Practices (ISMP) experts about the most important medication safety issues they have been following for the last 12 months. Attendees will review strategies for error reduction and, most importantly, will have an opportunity to take home practical information about methods to improve the value of their own medication error reporting program.

Learning Objectives:
- Summarize the top five most important medication safety issues reported to ISMP in the past 12 months.
- Apply at least three effective strategies for reducing medication errors related to these issues.
- Outline three techniques to improve the value of your medication error reporting program.

Presenters:
Darryl S. Rich, Pharm.D., M.B.A., FASHP

1:30 p.m.–2:30 p.m. Room 200 D, Level 2
Learning Lab: Quality Improvement Tools to Reduce Patient Harm
Planned in cooperation with the ASHP Research & Education Foundation
Activity#: 0204-0000-17-104-L05-P
1.00 Contact Hours | Application-based

Program Chair/Moderator: Barbara Nussbaum, B.S.Pharm., Ph.D., Vice President, ASHP Foundation, Bethesda, Md.
Cincinnati Children's Hospital Medical Center is the Recipient of the ASHP Foundation & Cardinal Health Foundation Award for Excellence in Medication Safety

Expert faculty from Cincinnati Children's, recipient of the 2016 Award for Excellence in Medication Safety, will facilitate this hands-on session. Attendees will apply a systematic approach to process improvement to two real-life patient safety cases: (1) stat turnaround times and (2) insulin administration and hypo- and hyperglycemia.

Learning Objectives:
- Discuss a stepwise approach to quality improvement.
- Apply the Institute for Healthcare Improvement Model, a systematic approach and tools, to case studies to reduce patient harm and optimize care.

Presenters:
Joshua D. Courter, Pharm.D., Pharmacy Clinical Specialist—Antimicrobial Stewardship, Cincinnati Children's Hospital Medical Center, Cincinnati, Ohio
Maria Sellas, Pharm.D., PGY2 Medication Safety Resident, Cincinnati Children's Hospital Medical Center, Cincinnati, Ohio
2:45 p.m.–3:45 p.m. 
Room 200 D, Level 2
Know Your Risks: Measuring and Identifying Using the RIGHT Data
Activity#: 0204-0000-17-105-L05-P
1.00 Contact Hours | Application-based
Program Chair/Moderator: Natasha Nicol, Pharm.D., FASHP, Director of Global Patient Safety Affairs, Cardinal Health, Pawleys Island, S.C.

The current system of error detection is commonly limited to self-reporting, which greatly underestimates the true level of harm. Practitioners are severely limited in their ability to detect and interpret data, primarily because data are limited in scope. This session will explore methods of measuring medication safety beyond self-reporting as a sole indicator. It will enable the attendee to detect vulnerabilities within their medication use system, as well as the severity and level of incidence of issues.

Learning Objectives:
• Review the challenges of relying solely on medication error reports to measure medication safety in your organization.
• Describe the types of measures that should be tracked if you want to improve medication safety.
• Evaluate process, structure, and outcome measures related to medication safety.
• Compare examples of process and outcome measures for high-alert medications.


4:00 p.m.–5:00 p.m. 
Room 101 J, Level 1
Networking Session: Patient Stratification Tools—Optimizing Outcomes and Workload Management
For more information, see page 700.

4:00 p.m.–5:00 p.m. 
Room L100 F, Lower Level
Networking Session: Tenth Anniversary of the Section of Pharmacy Informatics and Technology
For more information, see page 700.

4:00 p.m.–5:00 p.m. 
Room 200 D, Level 2
Networking Session: Medication Safety: Focus on Pressing Practice Issues
For more information, see page 700.

5:00 p.m.–7:00 p.m. 
Exhibit Hall B, Level 1
Grand Opening Reception in the Exhibit Hall
Ticket required. For more information, see page 693.

Monday, June 5

8:00 a.m.–9:15 a.m. 
Exhibit Hall A, Lower Level
Summer Meetings Opening Session
For more information, see page 693.

9:30 a.m.–11:00 a.m. 
Exhibit Hall B, Level 1
ConnectLIVE! 2017

Activity#: 0204-0000-17-142-L04-P
0204-0000-17-142-L04-T
1.00 Contact Hours | Knowledge-based

A revolutionary event to change the way you connect. See page 697 for more information.

Learning Objectives:
• State one problem, obstacle, or challenge in pharmacy practice that affects the delivery of patient care or pharmacy operations.
• Given a specific problem, obstacle, or challenge, describe the impact on the delivery of patient care or pharmacy operations.
• Given a specific problem, obstacle, or challenge, discuss potential solutions.
• Evaluate potential solutions to a specific problem, obstacle, or challenge, and explain applicability to your practice.

11:00 a.m.–2:00 p.m. 
Exhibit Hall B, Level 1
Exhibit Program and Lunch Hosted by ASHP
Lunch served 11:30 a.m. to 12:30 p.m. Ticket required.
For more information, see page 679.

11:30 a.m.–12:30 p.m. 
Room 101 G, Level 1
ASHP-PAC Donors Luncheon

12:15 p.m.–1:30 p.m. 
Exhibit Hall B, Level 1
Posters
For complete listing, see page 734.
12:00 p.m.–2:00 p.m.  
Promotional Theater


No CE is provided.

12:30 p.m.–1:30 p.m.  
Room L100 H, Lower Level
Networking Session: Practice Opportunities for Opioid Management in Ambulatory Clinics

For more information, see page 700.

2:00 p.m.–3:30 p.m.  
Room 200 D, Level 2
Pharmacists Are the Key: Improving Patient Safety Behaviors in the Digital Age
Planned in cooperation with the ASHP Section of Pharmacy Informatics and Technology
Activity#: 0204-0000-17-106-L05-P
1.50 Contact Hours | Application-based

Moderator: Michael O’Connor, Pharm. D., M.S., FISMP, Medication Safety Specialist, Intermountain Healthcare, Taylorsville, Utah

Join our expert presenter for a highly interactive program examining where pharmacists are joining interdisciplinary dream teams and enhancing patient safety. Case scenarios for inpatient, outpatient, and virtual applications will be explored. Attendees will be able to participate in a live question-and-answer portion at the conclusion of the session.

Learning Objectives:
• Discuss future trends in healthcare where pharmacists will be able to enhance patient safety as part of interdisciplinary care teams.
• Evaluate an inpatient case scenario where team care enhances safety outcomes.
• Demonstrate leadership capabilities for improving safety in an outpatient case scenario.
• Examine a model where pharmacists enhance patient safety experiences in digital healthcare applications.

Presenter: Rajiv Shah, M.D., Founder and Chief Executive Officer, My-Meds, Minneapolis, Minn.

3:45 p.m.–5:15 p.m.  
Room 200 D, Level 2
2nd Annual Great Safety Debates

Facilitator: Rajiv Shah, M.D., Founder and Chief Executive Officer, My-Meds, Minneapolis, Minn.

Join the debate on controversial topics that affect the medication-use process. This year the debate will focus on medical marijuana, the IV push dilution dilemma, and labeling of high-alert medications. Take this opportunity to learn about the advantages and disadvantages of these practices from content experts, and find out how these perspectives can be integrated into various clinical settings. Attendees will be an important part of the process. Come ready to participate.

Learning Objectives:
• Determine the risks and benefits of medical marijuana.
• Compare and contrast the advantages and disadvantages of diluting IV push medications.
• Assess the strengths and limitations of labeling high-alert medications.

Panelists:
Dyane Bunnell, MSN, APRN-BC, AOCNS, CPON, Clinical Nurse Specialist, Nemours/Alfred I. duPont Hospital for Children, Wilmington, Del.


Maureen Burger, MSN, CPHQ, CPPS, FACHE, Chief Nursing Officer, Visante, Inc., St. Paul, Minn.

Katayoon Kathy Ghomeshi, Pharm.D., M.B.A., BCPS, Medication Safety Specialist, UCSF Medical Center, Department of Pharmaceutical Services, San Francisco, Calif.

Christopher M. Patty, DNP, RN, CPPS, Medication Safety Coordinator, Kaweah Delta Health Care District, Visalia, Calif.

Sarah Stephens, Pharm.D., BCPS, Medication Safety Coordinator, Kaweah Delta Health Care District, Visalia, Calif.

Tuesday, June 6

8:00 a.m.–10:00 a.m.  
Room 200 D, Level 2
Medication Safety Stories of Practical Practice Improvement
Planned in cooperation with the Medication Safety Officers Society
Activity#: 0204-0000-17-108-L05-P
2.00 Contact Hours | Application-based


Moderator: Steven Meisel, Pharm.D., CPPS, Director of Patient Safety, Fairview Health Services, Minneapolis, Minn.

This advanced-level session, planned in cooperation with the Medication Safety Officers Society (MSOS), is designed to present an interactive discussion on three avant-garde, successful medication safety practices in current use in healthcare systems. Attendees will learn about these practices and how they can implement them in their own organizations.
Learning Objectives:
• Formulate a blueprint for a program to improve medication safety with opioids.
• Design methods for reducing medication errors related to transitions of care between two different healthcare settings, specifically in high-risk patients after discharge.
• Choose techniques to test and to overcome barriers and improve the medication safety with a computerized prescriber order entry (CPOE) and electronic health records (EHRs).

Presenters:
Amanda Brummel, Pharm.D., BCACP, Director, Clinical Ambulatory Services, Fairview Pharmacy Services, Minneapolis, Minn.
Alycia M. Hartmann, Pharm.D., Supervisor of Pharmacy Applications, Lancaster General Health/Penn Medicine, Lancaster, Pa.
Nancy Love, Pharm.D., BCPS, Clinical Pharmacist, Conemaugh Memorial Medical Center, Johnstown, Pa.

10:15 a.m.–11:00 a.m. Exhibit Hall A, Lower Level The Inaugural and Awards
For more information, see page 694.

11:00 a.m.–2:00 p.m. Exhibit Hall B, Level 1 Exhibit Program and Lunch Hosted by ASHP
Lunch served 11:30 a.m. to 12:30 p.m. Ticket required.
For more information, see page 679.

12:15 p.m.–1:30 p.m. Exhibit Hall B, Level 1 Posters
For complete listing, see page 734.

12:30 p.m.–1:30 p.m. Room L100 F, Lower Level Networking Session: ASHP Section of Clinical Specialists and Scientists
For more information, see page 700.

2:00 p.m.–3:30 p.m. Room 200 D, Level 2 Moving to Real-Time Patient Safety with Health IT: Creating Value with Improved Safety and Reduced Cost
Activity#: 0204-0000-17-109-L05-P
0204-0000-17-109-L05-T
1.50 Contact Hours | Application-based
Program Chair/Moderator: Natasha Nicol, Pharm.D., FASHP, Director of Global Patient Safety Affairs, Cardinal Health, Pawleys Island, S.C.

Making real-time safety improvements has been a challenge that has limited our ability to move the bar on patient safety in a positive direction. This session will show how it is now possible to improve patient safety in real time using Health IT, allowing for detection of problems as they are occurring so we may act immediately to mitigate, and even prevent, harm.

Learning Objectives:
• Evaluate the moment to real-time patient safety and all-cause harm detection leveraging Health IT.
• Demonstrate the value created by real-time detection of all-cause harm toward improving safety and reducing cost.

Presenter: David Classen, M.D., M.S., Chief Medical Information Officer, Pascal Metrics, Salt Lake City, Utah

3:45 p.m.–5:00 p.m. Room 200 D, Level 2 Re-Inventing the HAMST-R Wheel: Development of an Objective High-Alert Medication Identification Tool Planned in cooperation with the ASHP Section of Inpatient Care Practitioners
Activity#: 0204-0000-17-110-L05-P
1.25 Contact Hours | Application-based
Program Chair/Moderator: Todd A. Walroth, Pharm.D., BCCCP, BCPs, Pharmacy Manager—Clinical Services, Eskenazi Health, Indianapolis, Ind.

In this highly interactive presentation, attendees will follow the innovative development of a high-alert medication identification tool from inception to implementation. The program includes small group work to use the tool in a real-world application.

Learning Objectives:
• Discuss how high-alert medications are currently identified by healthcare organizations.
• Classify high-alert medications using HAMST-R, an objective identification tool.
• Design a plan to ensure ongoing quality review and assessment of high-alert medications.

Presenters:
Todd A. Walroth, Pharm.D., BCCCP, BCPS
Natalie C. Washburn, Pharm.D., PGY2 Critical Care Pharmacy Resident, Eskenazi Health, Indianapolis, Ind.

7:00 p.m.–10:00 p.m. Grand Ballroom D, Third Floor Hilton Minneapolis
Harvey A.K. Whitney Lecture Award Reception and Dinner
Ticket required. For more information, see page 696.
**Wednesday, June 7**

8:00 a.m.–10:45 a.m.  
**Room 200 D, Level 2**  
**Principles of Project Management for Healthcare Settings**  
Activity#: 0204-0000-17-111-L04-P  
0204-0000-17-111-L04-T  
2.75 Contact Hours  
Application-based  

**Presenter:** John Kaman, M.A., BSME, PMP, President and Principal Instructor, Whitewater Coaching & Consulting, Minneapolis, Minn.

In this first of a two-part session given in conjunction with University of Minnesota project management experts and ASHP team leaders, attendees will learn the basic principles of project management. Discussion of these principles will be followed by a specifically designed workshop that will allow attendees to apply the newly learned skills so they can then take them back to their practices.

**Learning Objectives:**
- Discuss the benefits of management in a healthcare setting.
- Compare and contrast projects and operations.
- Distinguish among projects, programs, and portfolios.
- Describe differences between functional and matrixed organizations.
- State the major tasks of each phase of a project.
- Examine the concept of triple constraints (scope, time, cost).
- Evaluate how other knowledge areas may influence a project’s success.

10:45 a.m.–11:15 a.m.  
**Lobby B, Level 1**  
**Networking Energy Break**

11:15 a.m.–12:30 p.m.  
**Room 200 D, Level 2**  
**Project Management: Applications for Medication Safety**  
Activity#: 0204-0000-17-112-L04-P  
0204-0000-17-112-L04-T  
1.25 Contact Hours  
Application-based  

**Presenter:** John Kaman, M.A., BSME, PMP, President and Principal Instructor, Whitewater Coaching & Consulting, Minneapolis, Minn.

In this portion of the project management workshop, attendees will have an opportunity to apply project management techniques to a realistic scenario in medication safety and work in teams to develop appropriate strategies.

**Learning Objectives:**
- Evaluate ways to incorporate project management concepts and theory into medication safety project planning and management.
- Demonstrate core competencies and skill sets for managing medication safety projects.
Informatics Institute

The Informatics Institute (I2) will provide high-quality, advanced programming designed for informaticists to innovate and improve the use of information technology in all patient care settings.

ASHP is pleased to once again offer an outstanding lineup of innovative educational programming, networking opportunities, and expert speakers. Join us for four days of interactive learning that you can immediately incorporate and implement into your pharmacy practice.

Who Should Attend?
- Pharmacists
- Pharmacy technicians
- Health information technology professionals
- Systems developers
- Policymakers
- Consultants
- Vendor representatives
- Other professionals involved in the collection and dissemination of health information

Four Meetings. One Unifying Event.

Attendees who choose I2 as their primary meeting will have complete and total access to all of the sessions and events happening at the Medication Safety Collaborative (MSC), the Ambulatory Care Conference (AC2), and Pharmacy, Practice & Policy. Customize your experience—stay in your boutique conference or attend any individual sessions of interest across the four meetings.

Daily Schedule

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

NOTE: This program has been submitted for review and approval of continuing education (CE) hours for use in fulfilling the continuing education requirements of the Certified Professional in Healthcare Information and Management Systems (CPHIMS).

SATURDAY, JUNE 3

7:30 a.m.–6:00 p.m. Hilton Minneapolis
Grand Ballrooms B, C, D, F

BPS Specialty Review and Recertification Courses
For more information, see page 691.

8:00 a.m.–4:30 p.m. Marquette Ballroom, Second Floor
Hilton Minneapolis

340B University™

Breakfast and lunch are included. Summer Meetings registration is not required. Limit: 200 attendees.

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

For more information and to register, visit https://www.eiseverywhere.com/ehome/231159.

4:30 p.m.–5:30 p.m. Room L100 F, Lower Level
Networking Session: Women in Pharmacy Leadership
For more information, see page 700.

SUNDAY, JUNE 4

7:30 a.m.–6:00 p.m. Hilton Minneapolis
Grand Ballrooms B, C, D, F

BPS Specialty Review and Recertification Courses
For more information, see page 691.

8:00 a.m.–9:30 a.m. Room L100 F, Lower Level
RxNorm: Why Should Pharmacists Care?
Activity#: 0204-0000-17-113-L04-P
0204-0000-17-113-L04-T
1.50 Contact Hours | Knowledge-based

Moderator: Joseph Lassiter, Pharm.D., M.S., BCPS, President & Managing Advisor, The Robertson Group (TRG), Portland, Ore.

RxNorm is a standardized nomenclature for medications produced and maintained by the U.S. National Library of Medicine (NLM) since 2005 in cooperation with compendia. It integrates vocabulary from the main clinical terminologies and drug knowledge bases used in the U.S. and is the main U.S. standard for health information exchange about medications. This presentation will provide basic information about
RxNorm and demonstrate how to access RxNorm in practice. Dr. Olivier Bodenreider will also discuss companion resources linked to RxNorm, including drug classification systems, drug-drug interactions, and the NLM pill image database. Dr. Bodenreider will showcase the role of RxNorm in action by examining issues in the analysis of observational prescription datasets, where drugs are usually identified with NDCs. Attendees will have an opportunity to participate in an interactive question-and-answer session at the conclusion of the program to address specific issues.

**Learning Objectives:**
- Explain the key elements, benefits, and limitations of RxNorm.
- Practice accessing RxNorm.
- Identify issues with analyzing drugs in observational datasets.

**Presenter:** Olivier Bodenreider, M.D., Ph.D., Senior Scientist, National Library of Medicine, Bethesda, Md.

9:45 a.m.–10:45 a.m. Room 200 D, Level 2

**Medication Safety & Technology: Transitions, Challenges, and Strategies**
Planned in cooperation with the ASHP Section of Pharmacy Informatics and Technology

**Activity #:** 0204-0000-17-114-L04-P
  0204-0000-17-114-L04-T

1.50 Contact Hours | Application-based

**Moderator:** Kristin Tuiskula, Pharm.D., Medication Safety Clinical Coordinator, Massachusetts General Hospital, Boston, Mass.

Healthcare IT consultant Dr. Karen Zimmer, M.D., will highlight and instruct attendees on some practical ways to prevent unintentional harm as technology improvements cause shock waves in the medical record.

**Learning Objectives:**
- Outline the challenges for healthcare organizations related to cybersecurity in the digital environment.
- Describe the process for recovery from a data breach, and select action steps to ensure security of patient care information.
- Given a set of pharmacy automation data, recommend a process to maintain security of healthcare information.

**Presenters:**
- Dennison Lim, Pharm.D., Informatics Pharmacist, Mayo Clinic, Rochester, Minn.
1:30 p.m.–2:30 p.m. Room L100 F, Lower Level
Healthcare IT Leadership: Where We’ve Been and Where We’re Going
Planned in cooperation with the ASHP Section of Pharmacy Informatics and Technology
Activity#: 0204-0000-17-122-L04-P
1.00 Contact Hours | Knowledge-based

Program Chair/Moderator: Barbara L. Giacomelli, Pharm.D., M.B.A., FASHP, Area Vice President Pharmacy Practice Consulting, McKesson, Vineland, N.J.

Lisa Stump has been named as one of the most influential women in Healthcare IT—and Lisa is proud to be a pharmacist and member of ASHP. Come hear her wisdom and guidance, and celebrate the tenth anniversary of the Section of Informatics and Technology.

Learning Objectives:
• Describe technology advancements with potential for advancing health and optimal medication use outcomes and the role of pharmacy informatics leaders in driving their adoption.
• Outline the requirements for a healthcare IT leader to be successful in today’s complex healthcare environment.
• Explain the role of a healthcare IT leader in population health management initiatives.

Presenter: Lisa Stump, R.Ph., M.S., FASHP, Senior Vice President and Chief Information Officer, Yale New Haven Health, New Haven, Conn.

2:45 p.m.–3:45 p.m. Room L100 F, Lower Level
Applying Advanced Clinical Decision Support: Lessons Learned from Pharmacogenomics
Planned in cooperation with the ASHP Section of Pharmacy Informatics and Technology
Activity#: 0204-0000-17-115-L04-P
1.00 Contact Hours | Application-based

Program Chair/Moderator: James M. Hoffman, Pharm.D., M.S., BCPS, Chief Patient Safety Officer, St. Jude Children’s Research Hospital, Memphis, Tenn.

In this dynamic and interactive session, attendees will have an opportunity to evaluate the challenges of incorporating genomic data into the electronic health record. The strategies to improve clinical workflows in this cutting-edge sector can apply to many types of complex clinical decision support.

Learning Objectives:
• Describe the challenges of incorporating genomics within the electronic health record and the essential role of clinical decision support to enable pharmacogenomics.
• Demonstrate the key steps for successful integration of pharmacogenomics into the electronic health record.
• Evaluate strategic and tactical decisions that must be made to implement and maintain complex clinical decision support.
• Solve technical and logistical challenges of incorporating customized clinical decision into complex clinical workflows to improve patient care.

Presenter: Henry M. Dunnenberger, Pharm.D., BCPS, Program Director—Pharmacogenomics, NorthShore University HealthSystem, Evanston, Ill.

4:00 p.m.–5:00 p.m. Room 101 J, Level 1
Networking Session: Patient Stratification Tools—Optimizing Outcomes and Workload Management
For more information, see page 700.

4:00 p.m.–5:00 p.m. Room L100 F, Lower Level
Networking Session: Tenth Anniversary of the Section of Pharmacy Informatics and Technology
For more information, see page 700.

4:00 p.m.–5:00 p.m. Room 200 D, Level 2
Networking Session: Medication Safety: Focus on Pressing Practice Issues
For more information, see page 700.

5:00 p.m.–7:00 p.m. Exhibit Hall B, Level 1
Grand Opening Reception in the Exhibit Hall
Ticket required. For more information, see page 693.
**Monday, June 5**

8:00 a.m.–9:15 a.m.   Exhibit Hall A, Lower Level
**Summer Meetings Opening Session**
For more information, see page 693.

9:30 a.m.–11:00 a.m.   Exhibit Hall B, Level 1
**ConnectLIVE! 2017**

Activity#: 0204-0000-17-142-L04-P
0204-0000-17-142-L04-T
1.00 Contact Hours | Knowledge-based

A revolutionary event to change the way you connect. See page 697 for more information.

**Learning Objectives:**
- State one problem, obstacle, or challenge in pharmacy practice that affects the delivery of patient care or pharmacy operations.
- Given a specific problem, obstacle, or challenge, describe the impact on the delivery of patient care or pharmacy operations.
- Given a specific problem, obstacle, or challenge, discuss potential solutions.
- Evaluate potential solutions to a specific problem, obstacle, or challenge, and explain applicability to your practice.

11:00 a.m.–2:00 p.m.   Exhibit Hall B, Level 1
**Exhibit Program and Lunch Hosted by ASHP**
Lunch served 11:30 a.m. to 12:30 p.m. **Ticket required.**
For more information, see page 679.

11:30 a.m.–12:30 p.m.   Room 101 G, Level 1
**ASHP-PAC Donors Luncheon**

12:00 p.m.–2:00 p.m.   Exhibit Hall B, Level 1
**Promotional Theater**


No CE is provided.

12:15 p.m.–1:30 p.m.   Exhibit Hall B, Level 1
**Posters**
For complete listing, see page 734.

12:30 p.m.–1:30 p.m.   Room L100 H, Lower Level
**Networking Session: Practice Opportunities for Opioid Management in Ambulatory Clinics**
For more information, see page 700.

2:00 p.m.–5:15 p.m.   Room L100 F, Lower Level
**Microsoft Excel for the Pharmacy Informaticist**
Planned in cooperation with the ASHP Section of Pharmacy Informatics and Technology

Activity#: 0204-0000-17-116-L04-P
0204-0000-17-116-L04-T
3.25 Contact Hours | Application-based

**Moderator:** Maritza Lew, Pharm.D., PMP, CPHIMS, Manager, Core Clinical Systems/IT Project Manager, El Camino Hospital, Mountain View, Calif.

NOTE: To fully participate in this interactive session, attendees must bring their own laptops with Microsoft Excel installed.

**Learning Objectives:**
- Interpret pharmacy-related pivot tables and pivot charts for tracking drug use by clinical service line and provider.
- Use the VLOOKUP and HLOOKUP techniques for reconciling medication orders with provider identities.
- Use Excel to determine date and time of first and last dosage for prescribed medication protocols.
- Analyze data from external data sources using Power Pivot and Power Chart techniques.
- Effectively use Data Consolidation, What-If Analysis, Data Grouping, and Subtotalling techniques for tracking data by enterprise, entity, service line, provider, or payor.
- Use multiple formulae for counting and summarizing data, including COUNT, COUNTIF, COUNTIFS, DCOUNT, SUM, SUMIF; and other useful techniques.
- Develop macros to import, analyze, and visualize inbound data from external data sources.
- Demonstrate data validation techniques for improving quality and usefulness of information.
- Prepare multiple worksheets for summarizing and analyzing statistical data across multiple entities.
- List the basics of file security and password techniques to data maintained in Excel.

**Presenter:** Michael Gera, Managing Partner, HealthCare PC Training, Clifton, N.J.
Tuesday, June 6

8:00 a.m.–10:00 a.m.  Room L100 F, Lower Level
IT Team Analysis: Are You Agile Enough to Work Effectively?
Activity#:  0204-0000-17-117-L04-P
            0204-0000-17-117-L04-T
2.00 Contact Hours | Application-based
Moderator: Sylvia Belford, Pharm.D., M.S., CPHIMS, Director, Continuum of Care, Mayo Clinic, Cannon Falls, Minn.

What are agile methods, and how can they make you and your team more productive and happier in your work? The best way to discover this is through experience. In this hands-on workshop, attendees will get an overview and firsthand experience of the benefits of agile methods.

**Learning Objectives:**
- Explain the what and why of agile methods such as scrum.
- Use agile methodologies to support a project designed for healthcare problem-solving.
- Compare and contrast the benefit of agile requirements gathering vs. traditional requirements gathering.
- Select ways to incorporate agile learning into real work scenarios in IT healthcare settings.

**Presenter:** Cathy Simpson, B.A., CSM, CSP, CSPO, PMP, Agile Coach and Scrum Trainer, Agile Learning Labs, San Mateo, Calif.

10:15 a.m.–11:00 a.m.  Exhibit Hall A, Lower Level
The Inaugural and Awards
For more information, see page 694.

11:00 a.m.–2:00 p.m.  Exhibit Hall B, Level 1
Exhibit Program and Lunch Hosted by ASHP
Lunch served 11:30 a.m. to 12:30 p.m.  **Ticket required.**
For more information, see page 679.

12:15 p.m.–1:30 p.m.  Exhibit Hall B, Level 1
Posters
For complete listing, see page 734.

12:30 p.m.–1:30 p.m.  Room L100 F, Lower Level
Networking Session: ASHP Section of Clinical Specialists and Scientists
For more information, see page 700.

2:00 p.m.–3:30 p.m.  Room 200 D, Level 2
Moving to Real-Time Patient Safety with Health IT: Creating Value with Improved Safety and Reduced Cost
Activity#:  0204-0000-17-109-L05-P
            0204-0000-17-109-L05-T
1.50 Contact Hours | Application-based
Program Chair/Moderator: Natasha Nicol, Pharm.D., FASHP, Director of Global Patient Safety Affairs, Cardinal Health, Pawleys Island, S.C.

Making real-time safety improvements has been a challenge that has limited our ability to move the bar on patient safety in a positive direction. This session will show how it is now possible to improve patient safety in real time using Health IT, allowing for detection of problems as they are occurring so we may act immediately to mitigate, and even prevent, harm.

**Learning Objectives:**
- Evaluate the moment to real-time patient safety and all-cause harm detection leveraging Health IT.
- Demonstrate the value created by real-time detection of all-cause harm toward improving safety and reducing cost.

**Presenter:** David Classen, M.D., M.S., Chief Medical Information Officer, Pascal Metrics, Salt Lake City, Utah

3:45 p.m.–5:00 p.m.  Room L100 F, Lower Level
Building a Better Prescription Renewal Protocol Through Knowledge Engineering
Activity#:  0204-0000-17-119-L04-P
            0204-0000-17-119-L04-T
1.25 Contact Hours | Application-based
Program Chair/Moderator: Scott D. Nelson, Pharm.D., M.S., Assistant Professor, Biomedical Informatics, Vanderbilt University Medical Center, Nashville, Tenn.

Attendees will hear from two top informatics experts who will clarify the best ways to incorporate knowledge assets in a modular fashion to customize clinical decision support (CDS).

**Learning Objectives:**
- Define knowledge management and knowledge engineering.
- Detect downstream dependencies of clinical decision support (CDS) knowledge assets.
- Develop a modular approach for creating and maintaining CDS knowledge assets.
- Justify the benefits of a modular approach to building prescription renewal protocols.

**Presenters:**
Janos L. Mathe, Ph.D., Principal Knowledge Engineer, Vanderbilt University Medical Center, Nashville, Tenn.
Scott D. Nelson, Pharm.D., M.S.

7:00 p.m.–10:00 p.m.  Grand Ballroom D, Third Floor
Harvey A.K. Whitney Lecture Award Reception and Dinner
Ticket required. For more information, see page 696.
**Wednesday, June 7**

8:00 a.m.–10:45 a.m.  Room L100 F, Lower Level

**Principles of Project Management for Healthcare Settings**

Activity#: 0204-0000-17-111-L04-P  
0204-0000-17-111-L04-T  
2.75 Contact Hours | Application-based

**Presenter: Christopher Bucksa**, Senior Project Manager, University of Minnesota-Twin Cities, St. Paul, Minn.

In this first of a two-part session given in conjunction with University of Minnesota project management experts and ASHP team leaders, attendees will learn the basic principles of project management. Discussion of these principles will be followed by a specifically designed workshop that will allow attendees to apply the newly learned skills so they can then take them back to their practices.

**Learning Objectives:**
- Discuss the benefits of management in a healthcare setting.
- Compare and contrast projects and operations.
- Distinguish among projects, programs, and portfolios.
- Describe differences between functional and matrixed organizations.
- State the major tasks of each phase of a project.
- Examine the concept of triple constraints (scope, time, cost).
- Evaluate how other knowledge areas may influence a project’s success.

10:45 a.m.–11:15 a.m.  Lobby B, Level 1

**Networking Energy Break**

11:15 a.m.–12:30 p.m.  Room L100 F, Lower Level

**Project Management: Applications for Informatics**

Activity#: 0204-0000-17-121-L04-P  
0204-0000-17-121-L04-T  
1.25 Contact Hours | Application-based

**Presenter: Christopher Bucksa**, Senior Project Manager, University of Minnesota-Twin Cities, St. Paul, Minn.

In this portion of the project management workshop, attendees will have an opportunity to apply project management techniques to a realistic scenario in informatics and work in teams to develop appropriate strategies.

**Learning Objectives:**
- Apply the foundations of project management to health-system pharmacy informatics.
- Demonstrate project management methodology, framework, artifacts, and tools with a realistic scenario of an informatics implementation of an inventory management system.
Pharmacy, Practice & Policy

Pharmacy, Practice & Policy is an event for directors, managers, and thought leaders in contemporary practice. Attendees will gain practical perspectives on the following topics:

- Leadership
- Operations Management
- Clinical Practice
- Policy and Compliance

Attendees will learn not only how to be productive leaders amid a perpetually changing pharmacy landscape, but also how to properly identify opportunities and challenges. Throughout the meeting, you will network with profession stakeholders to exchange ideas and analyze the latest practice advancements.

Who Should Attend?
- Pharmacists at all levels of practice
- Policymakers
- Consultants
- Vendor representatives
- Other professionals interested in current healthcare trends

Pharmacy, Practice & Policy offers four days of interactive education and invaluable peer-to-peer problem-solving that tackle the most current healthcare trends as well as emerging issues. You will leave equipped and inspired to immediately implement your new knowledge into your practice.

Four Meetings. One Unifying Event.

Attendees who choose Pharmacy, Practice & Policy as their primary meeting will have complete and total access to all of the sessions and events happening at the Informatics Institute (I2), the Ambulatory Care Conference (AC2), and the Medication Safety Collaborative (MSC). Customize your experience—stay in your boutique conference or attend any individual sessions of interest across the four meetings.

Daily Schedule

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

**SATURDAY JUNE 3**

7:30 a.m.–5:30 p.m.  Mezzanine Lobby  Mezzanine Level
House of Delegates Registration

7:30 a.m.–6:00 p.m.  Hilton Minneapolis  Grand Ballrooms B, C, D, F
BPS Specialty Review and Recertification Courses
For more information, see page 691.

8:00 a.m.–4:30 p.m.  Marquette Ballroom, Second Floor  Hilton Minneapolis
340B University™

Breakfast and lunch are included. Summer Meetings registration is not required. Limit: 200 attendees.

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

For more information and to register, visit https://www.eiseverywhere.com/ehome/231159.

12:30 p.m.–2:15 p.m.  Room M100 J, Mezzanine Level
State Affiliate Volunteer Great Ideas Networking Forum
For more information, see page 693.

2:30 p.m.–4:30 p.m.  Room M100 F, Mezzanine Level
Open Forum for Members
For more information, see page 698.

4:30 p.m.–5:30 p.m.  Room M100 J, Mezzanine Level
Delegate Primer on HOD Processes
For more information, see page 698.

4:30 p.m.–5:30 p.m.  Room L100 F, Lower Level
Networking Session: Women in Pharmacy Leadership
For more information, see page 700.
SUNDAY, JUNE 4
7:00 a.m.–11:30 a.m. Mezzanine Lobby, Mezzanine Level House of Delegates Registration

7:30 a.m.–8:30 a.m. Room M100 H, Mezzanine Level Federal Pharmacists Caucus

7:30 a.m.–6:00 p.m. Hilton Minneapolis Grand Ballrooms B, C, D, F
BPS Specialty Review and Recertification Courses
For more information, see page 691.

8:00 a.m.–9:30 a.m. Room M100 J, Mezzanine Level Meet and Greet with Pharmacy Leaders
For more information, see page 701.

8:00 a.m.–9:30 a.m. Room 200 D, Level 2
The Joint Commission Update—Summer 2017
Activity#: 0204-0000-17-101-L03-P
0204-0000-17-101-L03-T
1.50 Contact Hours | Knowledge-based

Presenter: Jeannell Mansur, Pharm.D., FASHP, Practice Leader, Medication Management and Safety, Joint Commission Resources, Oak Brook, Ill.
Hear up-to-the-minute information on changes to medication management standards from an internationally recognized expert in the field. More importantly, anticipated future changes will be discussed, and attendees will garner critical information about how to prepare for (and survive!) a pharmacy tracer event.

Learning Objectives:
• Identify at least one key issue found on a survey relating to the top four challenging medication management standards and state strategies to ensure compliance with those top challenging standards.
• Describe impending changes to standards in the medication management chapter for 2017 and 2018.
• Describe changes anticipated pertaining to standards relating to opioid prescribing and pain management in 2017.
• List three strategies for preparing for a tracer in the pharmacy.

8:30 a.m.–9:30 a.m. Room M100 H, Mezzanine Level Small and Rural Hospital Caucus

9:30 a.m.–11:30 a.m. Room M100 F, Mezzanine Level Caucuses Facilitated by the Chair of the House
For more information, see page 698.

9:30 a.m.–12:30 p.m. Room M100 J, Mezzanine Level Strategies for Personal and Professional Success Workshop
For more information, see page 701.

9:45 a.m.–11:45 a.m. Room 101 J, Level 1
Joseph A. Oddis Colloquium: Ethical Dimensions of the Opioid Crisis
Activity#: 0204-0000-17-123-L04-P
0204-0000-17-123-L04-T
2.00 Contact Hours | Application-based

Program Chair/Moderator: William A. Zellmer, B.S.Pharm., M.P.H., President, Pharmacy Foresight Consulting, Bethesda, Md.
This session draws on the experience of pharmacy faculty members in teaching ethics and in dealing with the opioid crisis in their states. In reviewing the broad dimensions of the abuse and misuse of opioids, the faculty will cover contributing factors related to pharmaceutical marketing, drug-wholesaler practices, regulatory oversight, pain control advocacy and practices, health professional prejudice against persons addicted to opioids, and access to naloxone. An approach to solving ethical dilemmas will be presented, and session attendees will practice applying that approach through small-group discussion of two cases in pharmacy practice involving apparent abuse or misuse of opioids. Audience engagement will be achieved through case discussion and polling responses to questions.

Learning Objectives:
• Discuss, from public-health and pharmacy-practice perspectives, four or more ethical dimensions of the nationwide epidemic of opioid abuse and misuse.
• Propose steps for solving ethical dilemmas in pharmacy.
• Apply the framework for resolving ethical dilemmas in two patient-care cases involving the interface between pharmacy practice and the abuse or misuse of opioids.

Presenters:
Heather L. Blue, Pharm.D., BCPS, BCGP, Assistant Professor, University of Minnesota College of Pharmacy, Duluth, Minn.
Laura Claire Palombi, Pharm.D., AE-C, MAT, MPH, Assistant Professor, University of Minnesota—College of Pharmacy, Duluth, Minn.
Mark E. Schneiderhan, Pharm.D., BCPP, Associate Professor, University of Minnesota, Duluth, Minn.
Tim Stratton, Ph.D., BCPS, FAPhA, Professor of Pharmacy Practice, University of Minnesota College of Pharmacy, Duluth, Minn.

1:00 p.m.–5:00 p.m. Exhibit Hall A, Lower Level
First House of Delegates Meeting
For more information, see page 699.
1:30 p.m.–3:30 p.m.  Room 101 J, Level 1
New Drugs in Primary Care 2017
Activity#: 0204-0000-17-125-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, Ark.

Always a highlight of the Summer Meetings, this session reviews new medications 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 new trends in drug development.
• Discuss indications, pharmacology, adverse effects, and dosing of new products.
• Determine the role these products will play in the attendees’ practices.
• Evaluate the economic implications of these choices.
• Examine products in the short-term pipeline that will be important to the practice of the attendee.

4:00 p.m.–5:00 p.m.  Room 101 J, Level 1
Networking Session: Patient Stratification Tools—Optimizing Outcomes and Workload Management
For more information, see page 700.

4:00 p.m.–5:00 p.m.  Room L100 F, Lower Level
Networking Session: Tenth Anniversary of the Section of Pharmacy Informatics and Technology
For more information, see page 700.

4:00 p.m.–5:00 p.m.  Room 200 D, Level 2
Networking Session: Medication Safety: Focus on Pressing Practice Issues
For more information, see page 700.

5:00 p.m.–7:00 p.m.  Exhibit Hall B, Level 1
Grand Opening Reception in the Exhibit Hall
Ticket required. For more information, see page 693.

Monday, June 5

8:00 a.m.–9:15 a.m.  Exhibit Hall A, Lower Level
Summer Meetings Opening Session
For more information, see page 693.

9:30 a.m.–11:00 a.m.  Exhibit Hall B, Level 1
ConnectLIVE! 2017

Activity#: 0204-0000-17-142-L04-P
0204-0000-17-142-L04-T
1.00 Contact Hours | Knowledge-based

A revolutionary event to change the way you connect. See page 697 for more information.

Learning Objectives:
• State one problem, obstacle, or challenge in pharmacy practice that affects the delivery of patient care or pharmacy operations.
• Given a specific problem, obstacle, or challenge, describe the impact on the delivery of patient care or pharmacy operations.
• Given a specific problem, obstacle, or challenge, discuss potential solutions.
• Evaluate potential solutions to a specific problem, obstacle, or challenge, and explain applicability to your practice.

11:00 a.m.–2:00 p.m.  Exhibit Hall B, Level 1
Exhibit Program and Lunch Hosted by ASHP
Lunch served 11:30 a.m. to 12:30 p.m. Ticket required.
For more information, see page 679.

11:30 a.m.–12:30 p.m.  Room 101 G, Level 1
ASHP-PAC Donors Luncheon

12:00 p.m.–2:00 p.m.  Exhibit Hall B, Level 1
Promotional Theater

No CE is provided.
12:15 p.m.–1:30 p.m. Exhibit Hall B, Level 1
Posters
For complete listing, see page 734.

12:15 p.m.–1:45 p.m. Room M100 F, Mezzanine Level
Meet the Candidates
For more information, see page 698.

12:30 p.m.–1:30 p.m. Room L100 H, Lower Level
Networking Session: Practice Opportunities for Opioid Management in Ambulatory Clinics
For more information, see page 700.

12:45 p.m.–1:45 p.m. Room M100 J, Mezzanine Level
Student Advocacy Workshop
For more information, see page 701.

2:00 p.m.–3:30 p.m. Room 101 J, Level 1
Getting the Best Out of People: Deepening Team Engagement and Resilience Advanced Leadership Series, Part I
Activity#: 0204-0000-17-126-L04-P
1.50 Contact Hours | Application-based
Moderator: Samuel V. Calabrese, B.S.Pharm., MBA, FASHP, Associate Chief Pharmacy Officer, Cleveland Clinic, Ohio
In Part I of this series, attendees will learn that one of the most daunting mandates for healthcare leaders today is the requirement for accountability in diverse groups while helping each other get beyond psychological barriers that interfere with engagement in meaningful work. Attendees will learn practical applications from broad fields of motivational psychology, performance management, and leadership resilience, while enjoying themselves in the process. A toolkit of skills for better understanding and motivation will be provided by the instructor.
Learning Objectives:
• Create techniques to shape positive workplace behaviors.
• Demonstrate advanced leadership competencies.
• Devise three strategies for driving accountability and professionalism in your workplace.
Presenter: Wayne M. Sotile, Ph.D., Founder, Sotile Center for Resilience—Center for Physician Resilience, Davidson, N.C.

3:45 p.m.–5:15 p.m. Room 101 J, Level 1
Getting the Best Out of People: Deepening Team Engagement and Resilience Advanced Leadership Series, Part II
Activity#: 0204-0000-17-127-L04-P
1.50 Contact Hours | Application-based
Moderator: Erick Sokn, Pharm.D., M.S., BCPS, Assistant Director of Pharmacy, Cleveland Clinic, Cleveland, Ohio
Part II is a continuation of the concepts learned in Part I, through application and examples of deepening your team engagement and resilience. Attendees will learn practical applications from broad fields of motivational psychology, performance management, and leadership resilience, while enjoying themselves in the process. A toolkit of skills for better understanding and motivation will be provided by the instructor.
Learning Objectives:
• Create techniques to shape positive workplace behaviors.
• Demonstrate advanced leadership competencies.
• Devise three strategies for driving accountability and professionalism in your workplace.
Presenter: Wayne M. Sotile, Ph.D., Founder, Sotile Center for Resilience—Center for Physician Resilience, Davidson, N.C.

5:30 p.m.–6:30 p.m. Grand Ballroom C, Third Floor, Hilton Minneapolis
Delegate Reception
For more information, see page 698.
Tuesday, June 6

8:00 a.m.–10:00 a.m.  Room 101 J, Level 1
How Do I Do an Assessment of Risk?
Activity#: 0204-0000-17-128-L04-P
2024-0000-17-128-L04-T
2.00 Contact Hours | Knowledge-based

Presenter: Patricia C. Kienle, B.S.Pharm., M.P.A., FASHP,
Director, Accreditation and Medication Safety, Cardinal
Health, Laflin, Pa.

This activity will provide an overview of the elements of U.S.
Pharmacopeia (USP) and hazardous drug handling in health-
care settings, and will describe an approach to compliance.
Discussion topics will include how to assess the National Insti-
tute for Occupational Safety and Health (NIOSH) List of Haz-
ardous Drugs; what drugs, dosage forms, and packaging may
be considered for an assessment of risk; and how to determine
compliance with other elements of USP.

Learning Objectives:
• Cite the document that defines drugs that are hazardous
to personnel.
• Identify the drugs and dosage forms eligible for an
assessment of risk.
• Describe elements of an assessment of risk.
• List examples of alternative containment strategies
and work practices that could be incorporated into an
assessment of risk.

10:15 a.m.–11:00 a.m.  Exhibit Hall A, Lower Level
The Inaugural and Awards
For more information, see page 694.

11:00 a.m.–2:00 p.m.  Exhibit Hall B, Level 1
Exhibit Program and Lunch Hosted by ASHP
Lunch served 11:30 a.m. to 12:30 p.m. Ticket required.
For more information, see page 679.

12:15 p.m.–1:30 p.m.  Exhibit Hall B, Level 1
Posters
For complete listing, see page 734.

12:15 p.m.–2:00 p.m.  Room M100 F, Mezzanine Level
Caucuses Facilitated by the Chair of the House
For more information, see page 698.

12:30 p.m.–1:30 p.m.  Room L100 F, Lower Level
Networking Session: ASHP Section of Clinical Specialists
and Scientists
For more information, see page 700.

2:00 p.m.–3:30 p.m.  Room 101 J, Level 1
New Administration, New Congress: An Examination of
Key Policy Issues for Health-System Pharmacy
Activity#: 0204-0000-17-129-L03-P
0204-0000-17-129-L03-T
1.50 Contact Hours | Knowledge-based

Program Chair: Joseph Hill, M.A., Director, Government Relations
Division, ASHP, Bethesda, Md.

Moderator: Kasey Thompson, Pharm.D., M.S., M.B.A., Chief
Operating Officer and Senior Vice President, ASHP, Bethesda,
Md.

This session will describe the public policy priorities in the
new 115th Congress and the new administration. The discus-
sion will focus on those key issues facing hospitals and phar-
mary professionals at both the federal and state level.

Learning Objectives:
• Identify current federal regulatory and legislative issues
impacting health-system pharmacy in a variety of
settings.
• Discuss current regulatory and legislative issues in the
states that impact health-system pharmacy.
• Discuss key issues facing health-system pharmacy in
2017.

Presenters:
Nicholas Gentile, Director, State Grassroots Advocacy and
Political Action, ASHP, Bethesda, Md.

Joseph Hill, M.A.

Jillanne M. Schulte, J.D., Director, Federal Regulatory Affairs,
ASHP, Bethesda, Md.

Christopher Topoleski, B.A., Director, Federal Legislative Af-
fairs, ASHP, Bethesda, Md.

3:45 p.m.–5:00 p.m.  Room 101 J, Level 1
The ABC’s of Opioid Stewardship Programs
ACPE Activity#: 0204-0000-17-130-L04-P
1.25 Contact Hours | Application-based

Planned in cooperation with the ASHP Section of Clinical Spe-
cialists and Scientists

Program Chair: Melanie Kuester, Associate Healthcare Con-
suitant, Milliman, Indianapolis, Ind.

The purpose of this educational program is to familiarize the
audience with the current state of the opioid epidemic and of
opioid stewardship programs. The session will focus on cur-
rent trends across the U.S., recent regulatory changes that
impact prescribing of opioids, and potential opportunities for
pharmacists to optimize opioid use. The program will begin
with an overview of the current state of opioid use in the U.S.
Next, a review of recent regulatory changes and their impact
will occur. An expert panel will have an interactive session with
the audience, sharing their experiences with the pharmacist’s role in the management and implementation of opioid stew-
ardship programs. Lastly, the session will conclude with a gap analysis conducted for a specific organization to determine opportunities for implementation of a new—or improvement of a current—opioid stewardship program. By the conclusion of the session, the audience will have a tangible process to take back to their own organizations and health systems. Attendees can then perform their own gap analysis and start the process of improving or developing an opioid stewardship program.

Learning Objectives:
• Describe recent changes related to opioid prescribing and management.
• Examine current practices in opioid management and the pharmacist’s role.
• Perform a gap analysis for an organization or health system regarding opioid stewardship.

Presenters:
Suzanne A. Nesbit, Pharm.D., Clinical Pharmacy Specialist, Pain Management, The Johns Hopkins Hospital, Baltimore, Md.
Lee Kral, Pharm.D., Clinical Pharmacy Specialist, The University of Iowa Hospitals & Clinics, Iowa City, Iowa

4:00 p.m.–6:00 p.m. Exhibit Hall A, Lower Level Second House of Delegates Meeting
For more information, see page 698.

7:00 p.m.–10:00 p.m. Grand Ballroom D, Third Floor, Hilton Minneapolis
Harvey A.K. Whitney Lecture Award Reception and Dinner
Ticket required. For more information, see page 696.
Poster Presentations

2017 Summer Meetings Poster Presenter Listing by Category
Authors will be attending their posters during the poster presentation hours to answer questions.

Monday, June 5, Exhibit Hall B, Level 1
12:15 p.m.–1:30 p.m.

Categories: Administrative Practice/Financial Management/ Human Resources, Ambulatory Care, Automation/Informatics, Cardiology/Anticoagulation, Drug Information/Drug-Use Evaluation, General Clinical Practice, I.V. Therapy/Infusion Devices/Home Care, Infectious Diseases, Pharmacokinetics, Practice Research/Outcomes/Pharmacoeconomics, Quality Assurance/Medication

Administrative Practice/Financial Management/Human Resources
Board#/Day
1-M Implementation of a health-system based pharmacy technician training program: one year later, Mariel Pereda, David Goffman, JiEun Hong, Janet Kozakiewicz
2-M Evaluation of a pharmacy-led bedside medication delivery service at a comprehensive cancer center, Laura Stokes, Lori Bertrand, Anthony Colavecchia, Ryan Roux, Rajender Aparasu

Ambulatory Care
Board#/Day
3-M Prevalence of inappropriate antibiotic prescriptions among US ambulatory care visits, 2010-2011, El Rim Ahn
4-M Assessing pharmacist impact on pharmacogenomic testing implementation in a primary care setting, Tahani Almeleebia, Nicole Scovis, Sandra Leal
5-M Evaluating the impact of a bedside discharge pharmacist on economic, clinical and humanistic outcomes, Millina Hanna, Patricia Gray, Angela Velez
6-M Pharmacists’ impact on dose optimisation and detection of adverse drug events in patients with rheumatoid arthritis, Elena Lee, Archana Vasudevan, Ian Wee, Serene Yeow, Vinh Thuc Uyen Dinh
7-M Adherence to COPD guidelines in the ambulatory care patient population, Melissa Lipari, Pramodini Kale-Pradhan, Sheila Wilhelm

Automation/Informatics
Board#/Day
8-M Incorporating pharmacy informatics developed CDS screens into the EHR workflow to meet antimicrobial stewardship metrics and regulatory requirements, William Cooper, Risa Rahm, Connie Saltsman, Jennifer Harris, Kathleen Nolte
9-M TIRES study: multicenter study to evaluate the benefits of technology-assisted workflow on IV Room efficiency, costs and safety–medication errors analysis, Stephen Eckel, Jordyn Druga, Elizabeth Hess, Thomas Cerbone, Jennifer Civiello
10-M TIRES study: multicenter study to evaluate the benefits of technology-assisted workflow on IV Room efficiency, costs and safety–turn-around time analysis, Stephen Eckel, Jordyn Druga, Elizabeth Hess, Thomas Cerbone, Jennifer Civiello
11-M Improving provider order entry: identification of customizable medication regimens utilizing lean methodology, Corey Edwards, Heidi Chen, Daniel Boggie
12-M Peritoneal dialysis workflow analysis and enhancement with computerized provider order entry (CPOE) updates in a large academic medical center, Stacey English, Hamilton Wen, Jon Jackson

Cardiology/Anticoagulation
Board#/Day
13-M Diagnosis of stroke associated with overutilization of thrombophilia testing, Nicholas Cox, Kibum Kim, Daniel Witt
14-M Type of beta-blocker use by diabetes status and associated outcomes in older nursing home residents after acute myocardial infarction, Michelle Hersey, Andrew Zullo, Sadia Sharmin, Ruth Dapaah-Afriyie, Christine Berard-Collins
15-M Policy change for deep vein thrombosis treatment–moving from warfarin to novel oral anticoagulants: effect on length of stay and hospitalization costs, Adam Porath, Sharon Clodfelter, Terra Slaton, Brahim Bookhart, Chris Kozma

Drug Information/Drug-Use Evaluation
Board#/Day
16-M Real-world dosing patterns of FDA-approved medications for fibromyalgia, Hilary Armstrong, Hilary Armstrong, Jackie Kwong, Jeffrey Niemira
17-M Updated pneumococcal vaccination guidelines: a review of inpatients aged sixty-five (65) years and older at an acute rehabilitation hospital, Kevin Bunting, Peter Baudy, Idrees Hazzaa, Richard Pacitti, Lorela Priftanji
18-M Evaluation of clinical safety outcomes associated with conversion from brand to generic tacrolimus in transplant recipients at VA San Diego Healthcare System, Karen Cham, Nermeeen Madkour, Jan Hirsch, Joseph Nguyen, Brett Venker
19-M Study of drug-drug interactions associated with potential QT prolongation of ambulatory patients in Taiwan, Yuh Lih Chang, Ja Huei Chen, Yueh Ching Chou

20-M Icatibant: medication use evaluation, Jasmeet Chauhan

GENERAL CLINICAL PRACTICE
Board#/Day
21-M Evaluation of inpatient glycemic control in patients managed on concentrated insulin products, Kathleen Adams, Kristina Shvets, Ben Szymanski, Rachel Eyler

22-M Impact of plecanatide on quality of life for patients with chronic idiopathic constipation: analysis of PAC-SYM and PAC-QOL from two randomized phase III clinical trials, Joel Cavallo Cavallo, Marc Hixson

23-M BURDEN-CIC (Better Understanding and Recognition of the Disconnects, Experiences, and Needs of Patients with Chronic Idiopathic Constipation) Study: A Severity Analysis, John Horn, Lucinda Harris, Eamonn Quigley, Michele Kissous-Hunt, Joel Cavallo

24-M Impact of a pharmacy-based transitions of care clinic on the continuum of care following hospitalization: Bridging the inpatient-to-outpatient appointment gap, Sheila Hwe, Christine Cadiz, Diana Schultz

I.V. THERAPY/INFUSION DEVICES/HOME CARE
Board#/Day
25-M Every infusion counts: a more complete measure of infusion safety, Tim Hoh, Idal Beer

26-M Optimization of smart pump use in an ambulatory care oncology infusion center, Christina Palazzo, Delilà Katz

INFECTIOUS DISEASES
Board#/Day
27-M Azithromycin use in upper respiratory infection patients: A study of antibiotic prescribing trends at a federally qualified health center (FQHC) in southern Ohio, Charles Snyder, Douglas Anderson, Scarlet Lau, Ryley Uber, Sarah Winey

PHARMACOKINETICS
Board#/Day
28-M Comparative bioavailability of hydroxyprogesterone caproate administered via intramuscular injection or subcutaneous auto-injector in healthy postmenopausal women, Julie Krop, William Kramer

29-M Simultaneous LC-MS analysis of plasma concentrations of sildenafil, tadalafil, bosentan, ambrisentan and macitentan in patients with pulmonary arterial hypertension, Shimako Tanaka, Shinya Uchida, Hiroshi Watanabe, Noriyuki Namiki

PRACTICE RESEARCH/OUTCOMES/PHARMACOECONOMICS
Board#/Day
30-M Total and excess costs associated with bipolar I disorder in the United States in 2015, Martin Cloutier, Mallik Greene, Annie Guerin, Ma’s Touya, Eric Wu


32-M Trends in identification of medication-related problems and resolution by Medicare insurance type, Julienne Kowalski, Chanadda Chinthammit, Ann Taylor, Kevin Boesen, Terri Warholak

QUALITY ASSURANCE/MEDICATION SAFETY
Board#/Day
33-M Implementing a smart pump alert reduction program in a multi-hospital, academic, tertiary medical center, Terry Bosen, Diana Mulherin, Julie Pingel, Carli Smith

34-M Assessing conformance of healthcare system policies and procedures with ASHP best practice guidelines on preventing diversion of controlled substances, Frank Breve, Len Lewis

35-M Naloxone trigger project: evaluating and improving safety of inpatient opioid use, Lorrie Burns, Kelly Besco

36-M Adverse drug reactions (ADRs) in palliative care: a retrospective review, Jordan Patterson, Jayne Pawasauskas, Michelle Kelley

Tuesday, June 6, Exhibit Hall B, Level 1 12:15 p.m.–1:30 p.m.

AMBULATORY CARE
Board#/Day
1-T Supporting the prior authorization process for patients through specialty pharmacy services, Julie MacDougall, Joseph Aloi, Jocelyn VanOpdorp, Kathy Weekes-Plante, Amanda Kennedy

2-T Evaluate, develop, and implement medication safety measures using medication error reporting systems and medical records, Natohya Mallory, Karen Malcolm, Shameek Brooks, Linda Edwards

3-T Impact of pharmacy services on healthcare effectiveness data and information set and pay for performance core measures in a non-academic primary care setting, Nightingale Meyou, Jessica Gharbawy
4-T Enrollment in a pharmacist-managed hepatitis C virus clinic care delivery model and associated outcomes, Safiya Naidjate, Andrew Zullo, Michelle Hersey, Ruth Dapaah-Afriyie, Christine Berard-Collins

5-T Factors critical in forming collaborative physician-pharmacist relationships in the delivery of comprehensive medication management (CMM), Kyle Turner, Cory Nelson, Deborah Pestka, Todd Sorensen

**AUTOMATION/INFORMATICS**

Board/#/Day

6-T Assessing needs for development of an enterprise pharmacy informatics dashboard using a data warehouse, Erica Feinberg, Connie Saltsman, Kathleen Nolte, Jennifer Harris, Risa Rahm

7-T Implementation of smart infusion pump interoperability between the electronic medical record at a large academic medical center, Roy Joseph, James Fiebert, Sang-Weon Lee, Michelle McCarthy, Mark Chabot

8-T Implementation for order of use of PRN pain medications in a large health system, Kathleen Nolte, Connie Saltsman, Risa Rahm, Jennifer Harris, Will Cooper

9-T Pharmacist intervention documentation (iEvents) in an electronic medical record to improve medication safety, Allison Pollock, Ashley Thompson, Murooj Shukry, Candy Tsurououis, Jennifer Chow

10-T Utilizing the electronic medical record to optimize REMS program medical center compliance, Allison Pollock, Yolanda Cheng, Vincent Le, Victoria Serrano Adams

11-T KnockouT2: a mobile health application to help caregivers provide support to patients with type 2 diabetes mellitus, Joshua Rickard, Mieka Smart, Fazel Keshtkar, Safiya Yearwood, Nicole Cheung

**CARDIOLOGY/ANTICOAGULATION**

Board/#/Day

12-T Comparison of anti-Xa versus activated partial thromboplastin time (aPTT) monitoring of unfractionated heparin after vascular surgery: a single-center retrospective study, Elsie Rizk, Allison Wilson, David Putney, Michelle Murillo

13-T Evaluation of the SAMe-TT2R2 risk score to predict the quality of anticoagulation control in patients treated with oral vitamin K antagonists, Kunkun Wang, (Lucy) Yun Lu

**CLINICAL SERVICES MANAGEMENT**

Board/#/Day

14-T Vanguards of value: implementation of a chemotherapy and biotherapy stewardship program, Daniel Kapp, Mindy Waggoner, Emilie Aschenbrenner, Megan Holsoopple

15-T Use of a dashboard for monitoring clinical pharmacy services in a large medical center, Ed Rainville

**DRUG INFORMATION/DRUG-USE EVALUATION**

Board/#/Day

16-T Validity of a combination therapy of daclatasvir and asunaprevir in patients with chronic hepatitis C genotype 1b, Skeun Jung, Nayoong Kim, Boyeon Kim, Youn-joon Jung, Hyokeun Jeong

17-T Hypoglycemic effect of dapagliflozin and the validity of its prescription for outpatients with diabetes mellitus, YoonHa Kim, Na-young Kim, Boyeon Kim, Youn-joon Jung, Hyokeun Jeong

18-T Evaluation of the use of new oral anticoagulants (NOAC) in the outpatient setting, Hye won Moon, Minji Kim, Eunyong Chon, Jeongmee Kim, Youngmee Lee

19-T Optimization of oral vitamin K formulations within an academic medical center, Emily Prabhu, Surabhi Palkimas

**EMERGENCY MEDICINE/EMERGENCY DEPARTMENT/ EMERGENCY PREPAREDNESS**

Board/#/Day

20-T Reduced dosing strategy of four-factor prothrombin complex concentrate (4F-PCC) for the reversal of warfarin: an evaluation of efficacy, Jennifer Allen, Marybeth Boudreau, Kael Mikesell, Vikram Kumar, Renee Ford

21-T Conversion from the Alaska-1 disaster medical assistant team pharmacy cache to the Alaska assistant secretary for preparedness and response pharmacy cache, Ashley Schaber, Anne Marie Bott, Brittany Keener, Rovigel Gelviro

**GENERAL CLINICAL PRACTICE**

Board/#/Day

22-T Implementation of a Protocol for Naloxone Distribution to Hospital In-Patients at High Risk for Opioid Overdose, Jayne Pawasauskas, Brydie Thomason, Michelle Kelley

23-T Expanding pharmacy practice through advanced pharmacy certification at the Alaska Native Medical Center, Ashley Schaber, Anne Marie Bott

24-T Palatability of cocoa-flavored gummi drug of aripiprazole developed from commercially available tablets, Shinya Uchida, Shimako Tanaka, Akio Hakamata, Hiroshi Watanabe, Noriyuki Namiki

25-T Evaluation of statin therapy in stable liver disease population, Emily Van Klompenburg, Yamini Natarajan, Sonya Wilmer, Kathleen Morneau

**GERIATRICS**

Board/#/Day

26-T Prevalence of cognitive impairment in elderly patients upon hospital admission detected by Mini-Cog assessments performed by pharmacy students, Nghi Bui, Mobolaji Adeola, Rejena Azad, Joshua Swan, Kathryn Agarwal

Continued on page 738
27-T Aspirin prescribing practices for primary stroke prevention in elderly women following monthly population-based clinical pharmacist evaluation, Katie Traylor, Karen Gunning, Eman Biltaji, Alisyn Hansen, Timothy Farrell

PAIN MANAGEMENT

Board#/Day
28-T Opioid-induced nausea and vomiting is associated with suboptimal recovery and treatment satisfaction among patients with acute pain in the outpatient setting, Youbean Oak, Razmic Gregorian, Winghan Kwong, Alexander Kane, Elizabeth Marrett

PRACTICE RESEARCH/OUTCOMES/PHARMACOECONOMICS

Board#/Day
29-T Intravenous immunoglobulin (IVIG) to subcutaneous immunoglobulin (SCIG) switch in US patients with primary immunodeficiency: an economic and budget impact model, Rajiv Mallick, Kris McFalls, Michael Tortorici
30-T Outcomes measures to evaluate effectiveness of coordinated medication management model for home care older adults, Terhi Toivo, Juha Puustinen, Maarit Dimitrow, Eeva Savela, Marja Airaksinen
31-T The impact of switching from one-batch-per-day to three-batch-per-day schedule on IV medication waste due to expiration and IV medication recycling, Shunsuke Toyoda, Diane McCowan, Carmen Chang, Gabriel Briones, Amber Rangel

QUALITY ASSURANCE/MEDICATION SAFETY

Board#/Day
32-T Economic, clinical and humanistic outcomes of a pharmacist-led proton pump inhibitor discontinuation safety initiative, Jennifer Rafalski, Patricia Gray, Robert Batman, Ryan Chaput
33-T Basic infusion usage in integrated Alaris intravenous infusion pumps, Tyler Stone, Aysha Malik, Ijeoma Onyema, Inna Babayeva, Vittoria Wen
34-T Adding melatonin to an insomnia order set: Six month evaluation, Karyn Sullivan, Hao Nguyen, George Abraham
35-T Medication-use safety in the pediatric oncology setting: a survey of United States hospital pharmacy practices, Katherine Vicinanza, Amelia Chan, Raymond Muller

SMALL AND RURAL PHARMACY

Board#/Day
36-T The impact of downsizing on clinical pharmacy services in a small rural hospital, Ginger Bain, James Williamson

2017 Summer Meetings Poster Reviewers

ASHP would like to thank our reviewers who participated as peer reviewers of poster submissions.

Glen Albracht | Edward Lozano
Danial Baker | Layla Marefat
Kim Benner | Simone Minto-Pennant
James Bird | Robert Moura
Melissa Blair | Mojgan Nodoushani
Steven Crosby | Hannah Ofori
Andrew Donnelly | Hina Patel
Brian Faley | Jennifer Petrie
Abimbola Farinde | Barbara Petroff
Dorthy Hancock | Jennifer Phillips
Jessica Hill | Susan Skledar
Brian Host | Aaron Steffenhagen
Nga Huynh | Will Stewart
Lamis Karaoui | Whitney Thomas
Michael Kendrach | David Tomich
Seher Khan | Paul Walker
Robert Levin | Rony Zeenny

Minnehaha Falls, by Meet Minneapolis
ASHP Practitioner Recognition Program

The ASHP Practitioner Recognition Program recognizes excellence in pharmacy practice by granting recognition and promoting public awareness of pharmacists who have distinguished themselves within ASHP. Members who have achieved FASHP status have successfully demonstrated sustained practice excellence for at least 10 years, contributed to the total body of knowledge in pharmacy practice, demonstrated active involvement and leadership in ASHP, and have been actively involved in and committed to educating practitioners and others. The following are Fellows of ASHP through 2016:

A
Jennifer Cupo Abbott ('07)
Steven R. Abel ('95)
Paul W. Abramowitz ('96)
Ronald J. Abrahams ('11)
Martin H. Abramson ('93)
Robert T. Adamson ('13)
Stephen C. Adams ('12)
Jeffrey A. Bourret ('95)
C. A. Bond ('94)
Wayne S. Boheneck ('02)
Paula Laura Castor ('95)
Frank P. Castronovo ('94)
Harriett F. Catania ('00)
Marshall E. Gates ('03)
Martina A. Cato Hartley ('94)
Bruce W. Chaffee ('14)
Terry L. Albrecht ('04)
Linda Stevens Albrecht ('01)
Joseph Michael Alessandrini ('09)
Emily Alexander ('15)
Mary Lynne Alexander ('07)
Sandra L. Alfano ('96)
Nicole M. Allcock ('14)
David D. Allen ('04)
Jody Hicks Allen ('03)
Michelle E. Allen ('13)
Robert J. Allen ('97)
Stephen J. Allen ('93)
Peter J. Ambrose ('96)
Deepak Anand ('02)
Ernest R. Anderson, Jr. ('10)
Philip O. Anderson ('89)
R. David Anderson ('16)
Roger W. Anderson ('02)
Mary H. Andritz ('98)
David M. Angaran ('93)
Linda Cortese Annecchini ('98)
John A. Armitstead ('96)
Edward P. Armstrong ('93)
Daniel M. Ashby ('93)
Edward P. Armstrong ('93)
John A. Armitstead ('96)
Linda Cortese Annecchini (1998)
Deepak Anand ('02)
Ernest R. Anderson, Jr. ('10)
"The ASHP Practitioner Recognition Program recognizes excellence in pharmacy practice by granting recognition and promoting public awareness of pharmacists who have distinguished themselves within ASHP. Members who have achieved FASHP status have successfully demonstrated sustained practice excellence for at least 10 years, contributed to the total body of knowledge in pharmacy practice, demonstrated active involvement and leadership in ASHP, and have been actively involved in and committed to educating practitioners and others. The following are Fellows of ASHP through 2016:
Practitioner Recognition Program

Summer Meetings & Exhibition 2017
Summer Meetings & Exhibition 2017

PRACTITIONER RECOGNITION PROGRAM

AM J HEALTH-SYST PHARM | VOLUME 74 | NUMBER 10 | MAY 15, 2017

Summer Meetings & Exhibition 2017

PRACTITIONER RECOGNITION PROGRAM

Judy E. Jacobson ('02)
John P. Jameson ('93)
Sue Marie Janda ('96)
Charles W. Jastram, Jr. ('03)
Tara K. Jellison ('14)
Heath R. Jennings ('14)
Rita K. Jew ('07)
Martin J. Jinks ('95)
Martin L. Job ('92)
Cary E. Johnson ('06)
June Felice Johnson ('92)
Mary Wallace Johnson ('92)
Philip E. Johnson ('97)
Thomas James Johnson ('09)
Vivian Bradley Johnson ('99)
Christene M. Jolosky ('09)
William N. Jones ('08)
Frances M. Jordan ('99)
James A. Jorgenson ('97)
Frances M. Jordan ('99)
Vivian Bradley Johnson ('99)
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- OM One Day, Member $350/day
- ON One Day, Non-member $499/day

Registration with any meeting or event associated with the 2017 ASHP Summer Meetings and Exhibition implies consent and understanding of ASHP’s Code of Conduct Policy and Photo Waiver. To read these documents visit, www.ashp.org/asmregister

TOTAL FEES $________