Education Session Information

**APhA2016 Education Tracks**

APhA2016 education sessions are categorized into specific tracks designed to represent the practice area or general pharmacy content area.

**Advanced Training Programs:** Distinguish yourself and advance your career by participating in one of APhA’s certificate training programs, residency training programs, or Ambulatory Care Review and Recertification program (pre-registration required).

**Access to Care:** Information about federal programs, such as 340B, and the latest actions that impact practices serving the nation’s underserved, uninsured, and underinsured patients.

**Clinical Patient Care and Services:** Updates on the management of a variety of disorders, conditions, and therapies, and the services that support them.

**Educating the Educators:** Tools, best practices, and practical skills for our pharmacy educators.

**Health-System Pharmacy:** Clinical and administrative topics of particular interest to those in hospital, long-term care, and other clinic settings.

**Integrating Science into Practice:** The science that shapes the pharmacy profession.

**Nuclear Pharmacy:** Updates on products, practices, and policies within the area of nuclear pharmacy.

**Pharmacy Law and Regulations:** Laws, rules, regulations, and court cases affecting pharmacists and pharmacy practice.

**Pharmacy Management and Professional Leadership:** Topics to help manage the pharmacy, lead the team, and develop as an individual.

**Learning Levels**

To help you plan your time efficiently, education sessions are categorized into three levels of expertise.

**Level 1:** Baseline knowledge of the subject area is required. The information presented is a primer on the topic and appropriate for a wide range of pharmacists.

**Level 2:** Experience with the topic is recommended, but advanced expertise or specialty practice in the subject area is not necessary. These educational offerings focus on expanding the learner’s knowledge and application of the new and/or more complex information.

**Level 3:** Substantial knowledge and/or specialty experience with the subject area is necessary to achieve a full understanding of the information presented. These educational offerings focus on expanding current expertise.

**Activity Types**

Activity types are designed to give attendees an assessment of the intended outcome of a continuing pharmacy education (CPE) activity.

- **Knowledge-based activities** are designed to enhance or add to pharmacists’ or technicians’ knowledge of a topic, mostly through didactic sessions.

- **Application-based activities** provide pharmacists and technicians with opportunities to apply their knowledge, usually through case studies or other application activities.

- **Practice-based activities** are longer, more comprehensive activities of at least 1.5 hours that incorporate knowledge, skills, and performance. These activities are also known as certificate training programs.

For more information about the APhA2016 education program, visit the APhA Education Booth on Main Street or contact education@aphanet.org.
### THURSDAY, MARCH 3

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<tr>
<td>7:30 am–6:00 pm</td>
<td>Ambulatory Care Review and Recertification Course* (Continues on Friday)</td>
<td>33</td>
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<tbody>
<tr>
<td>7:30 am–12:00 pm</td>
<td>Pharmacy-Based Travel Health Services Advanced Competency Training*</td>
<td>33</td>
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<tr>
<td>7:30 am–5:00 pm</td>
<td>Pharmacy-Based Cardiovascular Disease Risk Management Certificate Training Program*</td>
<td>33</td>
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<td>See specific activity instructions.</td>
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<tr>
<td>7:30 am–5:00 pm</td>
<td>The Pharmacist and Patient-Centered Diabetes Care Certificate Training Program *</td>
<td>33</td>
<td>Level 1</td>
<td>Room 318/319/320</td>
<td>See specific activity instructions.</td>
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<tr>
<td>7:30 am–6:00 pm</td>
<td>Ambulatory Care Review and Recertification Course* (Continues from Thursday)</td>
<td>34</td>
<td>Level 3</td>
<td>Room 316</td>
<td>See specific activity instructions.</td>
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<tr>
<td>7:30 am–5:00 pm</td>
<td>Delivering Medication Therapy Management Services Certificate Training Program*</td>
<td>34</td>
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<td>See specific activity instructions.</td>
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<tr>
<td>7:30 am–6:00 pm</td>
<td>Pharmacy-Based Immunization Delivery Certificate Training Program*</td>
<td>34</td>
<td>Level 1</td>
<td>Room 314/315</td>
<td>See specific activity instructions.</td>
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<tr>
<td>8:00 am–9:30 am</td>
<td>ESAS Keynote: Specialty Medications: Implications for Pharmacy Practice, Patients and Research</td>
<td>34</td>
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<td>Room 327/328/329</td>
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<tr>
<td>8:00 am–4:00 pm</td>
<td>Systematic Curriculum Design and Implementation (SCDI) for Community-based Pharmacy Residency Education and Training*</td>
<td>34</td>
<td>Level 3</td>
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<td>See specific activity instructions.</td>
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<tr>
<td>9:00 am–10:00 pm</td>
<td>Federal Pharmacy Forum: Connected Therapy Management: Taking Medication Therapy Management into the Digital World</td>
<td>35</td>
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<tr>
<td>9:45 am–11:45 am</td>
<td>APhA-APRS ESAS Contributed Papers Podium Session I</td>
<td>35</td>
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<tr>
<td>10:00 am–11:00 am</td>
<td>APhA-APRS Basic/Clinical Sections Contributed Papers Podium Session</td>
<td>35</td>
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<tr>
<td>10:15 am–11:15 am</td>
<td>Federal Pharmacy Forum: Federal Pharmacy 2016: Senior Leaders’ Perspective</td>
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<td>11:15 am–12:15 pm</td>
<td>Federal Pharmacy Forum: USP Health Care Quality Standards: Supporting the National Quality Strategy</td>
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<td>12:15 pm–1:15 pm</td>
<td>APhA-APRS Professional Development Lunch</td>
<td>36</td>
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<td>12:30 pm–2:30 pm</td>
<td>3408 Drug Pricing Program: HRSA Audit Update and Satisfying Eligibility Requirements</td>
<td>36</td>
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<tr>
<td>12:30 pm–2:30 pm</td>
<td>Lead the Charge for Patient Care Services</td>
<td>36</td>
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<tr>
<td>12:30 pm–2:30 pm</td>
<td>Biosimilars: What Every Pharmacist Needs to Know</td>
<td>37</td>
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*Pre-registered attendees only. Meeting Highlights Video on Demand session.
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<tr>
<td>6:00 am–8:00 am</td>
<td>The Pharmacist’s Role in Prevention and Management of Opioid-Induced ...</td>
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<tr>
<td>6:00 am–8:00 am</td>
<td>Overcoming Patient Barriers in Glycemic Control: Clinical Advances in Combination GLP-1 and Insulin Therapy</td>
<td>39</td>
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<td>7:00 am–9:00 am</td>
<td>Meeting Your Patients’ Insulin Needs During Transitions of Care</td>
<td>39</td>
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<tr>
<td>7:00 am–9:00 am</td>
<td>APhA-APRS ESAS Research Roundtable Breakfast*</td>
<td>40</td>
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<td>7:00 am–9:00 am</td>
<td>Point/Counterpoint: Opioids, Overdoses, and Pain Management</td>
<td>40</td>
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<tr>
<td>7:00 am–9:00 am</td>
<td>Compounding Medication: Are You Liable?</td>
<td>40</td>
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<tr>
<td>7:00 am–9:00 am</td>
<td>Innovation in Heart Failure Treatment</td>
<td>40</td>
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<td>7:00 am–9:00 am</td>
<td>Let’s Talk Tech: Addressing Unmet Needs</td>
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<td>7:00 am–9:00 am</td>
<td>Immunization Update 2016</td>
<td>41</td>
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<tr>
<td>7:00 am–9:00 am</td>
<td>Updates on Radiopharmaceutical Compounding</td>
<td>41</td>
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<tr>
<td>7:30 am–2:00 pm</td>
<td>Meeting the Requirements for Accreditation of a PGY1 Community Pharmacy Residency Program: A Skills Workshop*</td>
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<td>Level 2</td>
<td>Room 317</td>
<td>See specific activity instructions.</td>
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<td>8:00 am–12:00 pm</td>
<td>Pharmacy-Based Cardiovascular Disease Risk Management Faculty Training*</td>
<td>41</td>
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<td>10:00 am–11:00 am</td>
<td>Keynote Presentation: Pharmacists Improve Care Through Team Collaboration</td>
<td>41</td>
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<tr>
<td>12:30 pm–2:30 pm</td>
<td>Meet the Researchers: APhA Contributed Papers Poster Session</td>
<td>41</td>
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<td>Exhibit Hall EFG</td>
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<td>1:00 pm–5:00 pm</td>
<td>The Pharmacist and Patient-Centered Diabetes Care Faculty Training*</td>
<td>42</td>
<td>Room 339</td>
<td>No CPE available.</td>
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<tr>
<td>3:00 pm–4:00 pm</td>
<td>Zika Outbreak: What Pharmacists Need to Know</td>
<td>42</td>
<td>Level 1</td>
<td>Room 314/315</td>
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<tr>
<td>3:00 pm–5:00 pm</td>
<td>Putting Knowledge Into Practice: Addressing Psychopathology in Relation to Pregnancy</td>
<td>42</td>
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<td>3:00 pm–5:00 pm</td>
<td>Colleagues in Research: Resisting Temptation: Can Abuse-Deterrent Formulations Curb Opioid Abuse?</td>
<td>42</td>
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<tr>
<td>3:00 pm–5:00 pm</td>
<td>Improving Care, Controlling Costs: Inside New CMS Quality Initiatives</td>
<td>42</td>
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<tr>
<td>3:00 pm–5:00 pm</td>
<td>What’s Next in Cardiovascular Imaging</td>
<td>43</td>
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<tr>
<td>3:00 pm–5:00 pm</td>
<td>Quick Read: Do Point-of-Care Tests Add Value?</td>
<td>43</td>
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<tr>
<td>3:00 pm–5:00 pm</td>
<td>340B Drug Pricing Program: Preventing Diversion</td>
<td>43</td>
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<tr>
<td>3:00 pm–5:00 pm</td>
<td>Beyond Statins: Unraveling the Cholesterol Controversy</td>
<td>43</td>
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<td>3:00 pm–5:00 pm</td>
<td>Legislative and Regulatory Update 2015</td>
<td>43</td>
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<tr>
<td>7:00 pm–9:00 pm</td>
<td>Understand Learning Styles, Improve Your Teaching</td>
<td>44</td>
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<tr>
<td>7:00 pm–9:00 pm</td>
<td>New Drugs 2015</td>
<td>44</td>
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<tr>
<td>6:00 am–8:00 am</td>
<td>Clinical Updates in Type 2 Diabetes: New Strategies for Insulin Replacement Therapy</td>
<td>44</td>
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<tr>
<td>6:00 am–8:00 am</td>
<td>Defining the Role of Pharmacists in Advanced Gout Management</td>
<td>44</td>
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<tr>
<td>7:00 am–9:00 am</td>
<td>Wide Awake: Managing Insomnia</td>
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<tr>
<td>7:00 am–9:00 am</td>
<td>The Art of Constructive Feedback</td>
<td>45</td>
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<td>7:00 am–9:00 am</td>
<td>Men’s Health Concerns: Widely Experienced, Widely Misunderstood</td>
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<tr>
<td>7:00 am–9:00 am</td>
<td>Rooting Out Errors in Your Pharmacy</td>
<td>45</td>
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<tr>
<td>7:00 am–9:00 am</td>
<td>Take Good Care: Managing Children’s Medications</td>
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<tr>
<td>7:00 am–9:00 am</td>
<td>Credentialing and Privileging Processes for Pharmacists: The What, How, and Where</td>
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<tr>
<td>7:00 am–9:00 am</td>
<td>Ask the Expert: When Are Triglycerides Too High?</td>
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<td>7:00 am–9:00 am</td>
<td>The Price of Pain Relief: Opioid-Induced Constipation</td>
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<tr>
<td>8:00 am–12:00 pm</td>
<td>Pharmacy-Based Immunization Faculty Training*</td>
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<td>10:00 am–11:00 am</td>
<td>Keynote Presentation: The Healing Power of Touch: The Embodiment of Health Care</td>
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<tr>
<td>1:00 pm–3:00 pm</td>
<td>Teaming Up for Safer Pain Management Strategies</td>
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<tr>
<td>1:00 pm–3:00 pm</td>
<td>A Stormy C: Challenges to Hepatitis C Management</td>
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## Education Schedule and CPE Attendance Code Tracking

### Monday, March 7

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<td>Beware: Clinically Significant Drug Interactions in the Treatment of HIV</td>
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<td>Roundtable: Inside the Specialty Drug Marketplace</td>
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<tr>
<td>7:30 am–9:30 am</td>
<td>DEA Update 2015</td>
<td>51</td>
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<tr>
<td>7:30 am–9:30 am</td>
<td>Community Pharmacies: Thriving in a Pay-for-Performance World</td>
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<td>Managing Joint and Bone Diseases: Insights from Complex Cases</td>
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<td>Obesity Is a Chronic Disease: Let’s Treat It That Way</td>
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<td>Pharmacy Practice Experiences: Addressing the Needs of Challenging Learning Situations</td>
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**Meeting Highlights Video on Demand session.** *Pre-registered attendees only.*
### MONDAY, MARCH 7

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<td>7:30 am–9:30 am</td>
<td>Understanding the Radiopharmaceutical Drug Supply Problem: Session I</td>
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<td>8:00 am–12:00 pm</td>
<td>Heartsaver CPR*</td>
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<td>10:00 am–12:00 pm</td>
<td>Complex Cases in Neurology: The Essentials You Need to Know</td>
<td>52</td>
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<td>10:00 am–12:00 pm</td>
<td>Diabetes Update 2016</td>
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<td>10:00 am–12:00 pm</td>
<td>More Breast Cancer Treatments Call for Better Management</td>
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<td>10:00 am–12:00 pm</td>
<td>Penicillin Allergy: A Rare Case Demanding Special Attention</td>
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<td>Understanding the Radiopharmaceutical Drug Supply Problem: Session II</td>
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<td>Clearing the Air on E-Cigarettes</td>
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<td>Going Green: What the Legalization of Marijuana Means for Pharmacists</td>
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<td>10:00 am–12:00 pm</td>
<td>Make Your Case: Integrating Pharmacists Into New Care Delivery Models</td>
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<tr>
<td>10:00 am–12:00 pm</td>
<td>Preventing and Managing Allergic Rhinitis: A Primer</td>
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<td>1:00 pm–2:00 pm</td>
<td>OSHA Training Course</td>
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<td>Individualizing Medication Therapy for Elderly Patients: Weighing the Evidence Versus Best Practice</td>
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<td>Level 2</td>
<td>Room 317</td>
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</tr>
<tr>
<td>1:00 pm–3:00 pm</td>
<td>Smoothing the Path Home: Managing Transitions of Care for Patients With Acute Coronary Syndrome</td>
<td>54</td>
<td>Level 2</td>
<td>Room 321/322/323</td>
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<tr>
<td>1:00 pm–3:00 pm</td>
<td>Advancing the Pharmacist’s Role: Will Provider Status Fix Everything?</td>
<td>54</td>
<td>Level 2</td>
<td>Room 327/328/329</td>
<td></td>
</tr>
<tr>
<td>1:00 pm–3:00 pm</td>
<td>What’s the Skinny? Can Dietary Supplements Treat Acute Conditions?</td>
<td>54</td>
<td>Level 2</td>
<td>Room 316</td>
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</tbody>
</table>

*Pre-registered attendees only.  Meeting Highlights Video on Demand session.
QUALIFIED ATTENDEES CAN EARN 20 HOURS OR MORE of continuing pharmacy education (CPE) credit. Sessions approved for CPE credits are indicated by an ACPE number and CEUs in the APhA2016 Program Guide, on our website (www.aphameeting.org), and in the meeting app.

Accreditation
APhA is accredited by the Accreditation Council for Pharmacy Education (ACPE) as a provider of continuing pharmacy education.

CPE Monitor
CPE Monitor is a collaborative system used by ACPE, National Association of Boards of Pharmacy (NABP), and ACPE-accredited providers for all pharmacists and technicians to record and track their CPE credits. Visit www.nabp.net/programs/cpe-monitor/cpe-monitor-service to set up your e-Profile. Contact NABP at 847-391-4406, Monday to Friday between 9:00 am and 5:00 pm CT for additional information.

Target Audience
APhA2016 education sessions are designed for pharmacists and pharmacy technicians from all practice settings.
- Courses appropriate for pharmacist participation are designated by an ACPE universal activity number ending in the letter “P.”
- Courses appropriate for pharmacy technician participation are designated by an ACPE universal activity number ending in the letter “T.” The number of credit hours is based on the amount of content applicable to pharmacy technicians. Review the ACPE information for each session to determine the amount of credit offered.

Learning Objectives
Learning objectives for all CPE sessions are provided on the APhA2016 website, www.aphameeting.org, and are announced at the beginning of each session. To locate the learning objectives online, select the specific education session from the Schedule of Events.

Disclosures
Financial support for individual education sessions is indicated following the session description within this guide. Faculty disclosures are provided on the online cover sheet for each session. The APhA Education Committee and APhA staff disclosures can be found on www.pharmacist.com/apha-disclosures.

Session Handouts
To help preserve our natural resources, APhA2016 education sessions are paperless. However, to offer participants an enduring reference to the education content, the majority of the presentation materials are available at www.aphameeting.org. These presentations will remain online until June 2016.

CPE Requirements
To earn CPE credit for a session accredited by APhA, participants must actively participate in the entire session, submit an attendance code, complete a session evaluation, and claim credit using the online CPE submission site. Proof of CPE credit is available on CPE Monitor. APhA no longer issues statements of credit.

State Requirements
Check with the Board of Pharmacy in your state regarding specific CPE requirements. Florida-licensed pharmacists: To ensure that your continuing pharmacy education participation can be filed with the state-mandated CE Broker system, make sure you have provided APhA with your Florida license number. To check, log on to www.pharmacist.com and select My Account, then License Information.

Grievance Policy
Should any attendee of an approved CPE session be dissatisfied with the quality of the activity, a request in writing must be submitted to the APhA Education Department at education@aphanet.org within 5 days of the conclusion of the session.

International Attendees
APhA welcomes all of our international attendees to the education activities at APhA2016. If you have any questions about our educational offerings, visit us at the Education Booth.

Partial Credit
APhA does not offer partial credit for any CPE activity.

Liability Insurance
APhA and the Healthcare Providers Service Organization (HPSO) have teamed up to offer a special discount rate to APhA2016 attendees. Attending education activities during the meeting could qualify you for a 10% discount off your new or renewal HPSO professional liability insurance. Visit HPSO at booth 522 for complete details on this money saving offer.

The discount does not apply to attendance at the ESAS Keynote: Specialty Medications: Implications for Pharmacy Practice, Patients and Research; APhA-APRS ESAS Contributed Papers Podium Session I, Podium Session II, and Oral Posters; APhA-APRS Basic/Clinical Sections Contributed Papers Podium Session; APhA-APRS Professional Development Lunch; APhA-APRS ESAS Research Roundtable Breakfast; Meet the Researchers: APhA Contributed Papers Poster Session; Point/Counterpoint: Opioids, Overdoses, and Pain Management; The Art of Constructive Feedback; and Learner Integration: A Win-Win-Win Scenario.
CPE participation for APhA2016 must be recorded by April 7, 2016, 5:00 pm EDT.

All continuing pharmacy education (CPE) participation will be recorded online for APhA2016. Recording credit online is quick and easy!

- You may record your CPE credit at the Cyber Café adjacent to the Education Booth during the meeting or online at www.aphameeting.org until April 7, 2016.
- You will need your Pharmacist.com username and password. Your username was provided to you with your conference registration badge.
- You will need your NABP e-Profile ID to allow the CPE credit to be transferred to the CPE Monitor system. You will need an attendance code for each session that you attended. These codes will be provided to you in the session.
- You can print your CPE transcript directly from CPE Monitor. Individual statements of credit from APhA are not available.

For Assistance:
- Contact the APhA InfoCenter at infocenter@aphanet.org or 1-800-237-APhA (2742), #2 for assistance with log in issues.
- Contact the APhA Education Department at education@aphanet.org for session codes and other questions.

From the Cyber Café:
1. Click on the CPE icon.
2. Log in using your Pharmacist.com username and password.
3. Enter the attendance code(s) and select "Submit."
4. Click the "Claim Credit" button (located in the "Your Sessions" section).
5. Click the "Evaluation" button.
6. Complete the session and speaker evaluations.
7. Click the "Claim Credit" button.
8. Select the appropriate credit.
9. Enter your 6-digit NABP e-Profile ID, the month and day of your birth, check "yes" to verify accuracy, and click "Claim." Allow 3 hours for NABP number activation if just requested.
10. CPE credits will be automatically transferred to CPE Monitor, although they may not post to your CPE Monitor transcript immediately.
11. Your Pharmacist.com "My Training" page maintains a list of your enrolled and completed conferences; however, you will be linked back to CPE Monitor for proof of your CPE credit.

From Your Laptop, Tablet, or Smartphone:
2. Click the "Education" link and select "CPE Information."
3. Follow the aforementioned steps 2–11.
<table>
<thead>
<tr>
<th>Course Title</th>
<th>Activity Type</th>
<th>Level</th>
<th>Credit Hours</th>
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<th>CEUs (Credit Hours)</th>
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<tr>
<td><strong>ADVANCED TRAINING PROGRAMS</strong></td>
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<tr>
<td><strong>Ambulatory Care Review and Recertification Course</strong></td>
<td>Application-based</td>
<td>Level 3</td>
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<td>318/319/320</td>
<td>0.8</td>
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<td>Level 1</td>
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(April-registered attendees only.)
**Education Sessions**

**FRIDAY, MARCH 4**

**ADVANCED TRAINING PROGRAMS**

**Delivering Medication Therapy Management Services Certificate Training Program**
Activity Type: Practice-based  
Level 1  
7:30 am–5:00 pm  
Convention Center, Room 314  
ACPE# 0202-0000-14-159-04-P • 0.8 CEUs (8 Credit Hours)  
The Delivering Medication Therapy Management Certificate Training Program is an innovative and interactive training program that teaches pharmacists the skills necessary to become a primary source for vaccine information and administration. The program teaches the basics of immunology and focuses on practice implementation and legal/regulatory therapy.  
(Pre-registered attendees only.)  
Speaker(s): Jeffrey Delafuente, MS, FCCP, Virginia Commonwealth University; Dennis Stanley, RPh, Martin’s Food Store Pharmacy

**ADVANCED TRAINING PROGRAM**

**Ambulatory Care Review and Recertification Course**
Activity Type: Application-based  
Level 3  
7:30 am–6:00 pm  
Convention Center, Room 316  
This course continues from Thursday, March 3.  
(Pre-registered attendees only.)  
Speaker(s): Stephen Schondelmeyer, PhD, University of Iowa; James Owen, PharmD, BCPS, American Pharmacists Association

**ADVANCED TRAINING PROGRAMS**

**Pharmacy-Based Immunization Delivery Certificate Training Program**
Activity Type: Practice-based  
Level 1  
7:30 am–6:00 pm  
Convention Center, Room 314/315  
ACPE# 0202-0000-14-003-101-P • 0.8 CEUs (8 Credit Hours)  
Pharmacy-Based Immunization Delivery Certificate Training Program is an innovative and interactive training program that teaches pharmacists the skills necessary to become a primary source for vaccine information and administration. The program teaches the basics of immunology and focuses on practice implementation and legal/regulatory therapy.  
(Pre-registered attendees only.)  
Speaker(s): Stephan Foster, PharmD, FAPhA, University of Tennessee College of Pharmacy; Dennis Stanley, RPh, Martin’s Food Store Pharmacy

**EDUCATING THE EDUCATORS**

**Systematic Curriculum Design and Implementation (SCDI) for Community-based Pharmacy Residency Education and Training**
Activity Type: Application-based  
Level 3  
8:00 am–4:00 pm  
Convention Center, Room 339  
ACPE# 0202-0000-16-104-H01-P • 0.15 CEUs (1.5 Credit Hours)  
ACPE# 0202-0000-16-105-L01-P • 0.8 CEUs (8 Credit Hours)  
Whether starting a new community-based resident training program or working on the quality improvement of an existing program, the SCDI program provides participants with the essential knowledge and skills required to systematically design, develop, and implement a community-based, longitudinal structured pharmacy residency training program by applying established principles, structure, and methods from educational curriculum design and educational theory. This session contains both didactic and discussion-based active learning experiences and exercises. Participants will engage in applying knowledge and skills while working through a systematically designed process management approach to effectively and efficiently create an educationally sound, effectively structured, well-designed, and appropriately implemented e-community-based resident training program.  
(Pre-registered attendees only.)  
Speaker(s): William Miller, PharmD, University of Iowa; James Owen, PharmD, BCPS, American Pharmacists Association

**INTEGRATING SCIENCE INTO PRACTICE PHARMACY MANAGEMENT AND PROFESSIONAL LEADERSHIP**

**ESAS Keynote: Specialty Medications: Implications for Pharmacy Practice, Patients and Research**
Activity Type: Knowledge-based  
Level 2  
8:00 am–9:30 am  
Convention Center, Room 327/328/329  
ACPE# 0202-0000-16-074-101-P • 0.15 CEUs (1.5 Credit Hours)  
Growth in the development and spending for specialty drugs has important implications to a number of stakeholders including pharmacists, insurers, and patients. This session will examine trends in the specialty drug market and its influence on different stakeholders highlighting its importance to the practice of pharmacy. At the end of this session, participants should have a better understanding of the market for specialty drugs, the managed care response to designing health benefits in the specialty drug area, and the economic, social, and administrative research needs arising from the growth in specialty drug utilization and spending.  
(Pre-registered attendees only.)  
Speaker(s): Stephen Schondelmeyer, PhD, FAPhA, PRIME Institute; Patrick Gleason, PharmD, FCCP, BCPS, Prime Therapeutics
Federal Pharmacy Forum: Connected Therapy Management: Taking Medication Therapy Management into the Digital World

Activity Type: Knowledge-based
Level 1
9:00 am–10:00 am
Hilton, Key Ballroom 7/8
ACPE# 0202-0000-16-081-L04-P • 0.1 CEUs (1 Credit Hour)
ACPE# 0202-0000-16-081-L04-T • 0.1 CEUs (1 Credit Hour)
Mobile devices and wearable sensors are about to change health care as we know it. This session will explore how mobile diagnostics, therapeutics, and biometrics will transform traditional pharmaceuticals into connected therapies and their corresponding implications to those who deliver care and those who receive care.

Speaker(s): James Mault, MD, Qualcomm Life

INTEGRATING SCIENCE INTO PRACTICE
APhA-APRS ESAS Contributed Papers Podium Session 1

Activity Type: Knowledge-based
Level 1
9:45 am–11:45 am
Convention Center, Room 327/328/329
ACPE# 0202-0000-16-008-L04-P • 0.2 CEUs (2 Credit Hours)
Researchers will deliver 15-minute presentations of their research findings. A question-and-answer session will follow.

Self-Reported Adherence to Oral Oncolytics in a Sample of Michigan Oncology Practices.
Salgado T, University of Michigan College of Pharmacy; Mackler E, Lindsay J, Michigan Oncology Quality Consortium; Batra P, University of Michigan College of Pharmacy; Petersen L, Severson J, Michigan Oncology Quality Consortium; Farris K, University of Michigan College of Pharmacy (125)

Measuring Problematic Opioid Use with Simple Claims-Based Thresholds Poorly Captures Patients at Highest Risk of Overdose. Roberts A, Creighton University School of Pharmacy and Health Professions; Farley J, University of North Carolina at Chapel Hill Eshelman School of Pharmacy; Holmes M, University of North Carolina at Chapel Hill; Oramasionwu C, Sleath B, University of North Carolina at Chapel Hill Eshelman School of Pharmacy; Skinner A, University of North Carolina at Chapel Hill (4099)

Association of Authorized Generic Marketing with Prescription Drug Spending on Antidepressants from 2000 to 2011. Cheng N, Auburn University Harrison School of Pharmacy; Banerjee T, Auburn University College of Liberal Arts; Qian J, Hansen R, Auburn University Harrison School of Pharmacy (188)

Semi-Structured Interviews to Identify Problems During Transitions of Care and Reasons for Emergency Department Use in Community-Dwelling Older Adults. Coe A, Moczylgema L, Ogbonna K, Virginia Commonwealth University School of Pharmacy; Parsons P, Virginia Commonwealth University School of Nursing; Slattum P, Virginia Commonwealth University School of Pharmacy, Mazmanian P, Virginia Commonwealth University School of Medicine (1125)

Are Disparities in Use of Guideline Medications Post-Acute Myocardial Infarction Driven by Patient Nonadherence? Schroeder MI, University of Iowa College of Pharmacy; Schneider K, Schneider Research Associates LLC; Crisschilles E, University of Iowa College of Public Health; O’Donnell B, Schneider Research Associates LLC; Brooks J, University of South Carolina Arnold School of Public Health (1)

Federal Pharmacy Forum: Federal Pharmacy 2016: Senior Leaders’ Perspective

Activity Type: Knowledge-based
Level 1
10:15 am–11:15 am
Hilton, Key Ballroom 7/8
ACPE# 0202-0000-16-082-L04-P • 0.1 CEUs (1 Credit Hours)
ACPE# 0202-0000-16-082-L04-T • 0.1 CEUs (1 Credit Hours)
In this session, the Chief Pharmacy Consultants (or their designees) from the Defense Health Agency, U.S. Public Health Service, Department of Veterans Affairs, and Department of the Army will provide an
overview of current issues of interest to federal pharmacists and pharmacy technicians. Topics will include pharmacy’s role in public health, delivering medication therapy management, optimizing specialty pharmaceutical clinical and economic outcomes, and utilizing mail order for medications.

Speaker(s): George Jones, Jr., PharmD, MS, Defense Health Agency; Ronald Nosek, RPh, MS, FASHP, Department of Veterans Affairs; COL John Spain MS USA; RADM Pamela Schweitzer, USPHS

Federal Pharmacy Forum: USP Health Care Quality Standards: Supporting the National Quality Strategy
Activity Type: Knowledge-based
Level 1
11:15 am–12:15 pm
Hilton, Key Ballroom 7/8
ACPE# 0202-0000-16-083-L04-P • 0.1 CEUs (1 Credit Hours)

This session will provide an update on the ongoing efforts of the United States Pharmacopeia to create standards to support improvement in health care quality, focusing on recent advances in the areas of sterile compounding, handling of hazardous drugs, and patient-centered prescription container labeling.

Speaker(s): Jami Earnest, PharmD, United States Pharmacopeia

INTEGRATING SCIENCE INTO PRACTICE
APhA-APRS Professional Development Lunch
Activity Type: Knowledge-based
Level 2
12:15 pm–1:15 pm
Convention Center, Room 324/325/326
ACPE# 0202-0000-16-078-L04-P • 0.1 CEUs (1 Credit Hours)

This session provides professional development opportunities in pharmacy research fields. Attendees have the opportunity to participate in discussions at three different tables during the session. Discussions begin at 12:30 pm, and attendees may move to another table every 12 minutes, with 3 minutes of transition time. All attendees are welcome to attend; however, the box lunch must be purchased. Lunches will not be available for sale on site.

Do’s and Don’ts in Navigating the Dissertation Process. Leticia Moczygemba, PharmD, Virginia Commonwealth University School of Pharmacy

Considerations When Applying for a Faculty Position. Elizabeth Unni, PhD, Roseman University of Health Sciences

Advantages and Disadvantages of Completing a Post-doc. Teresa Salgado, PhD, University of Michigan College of Pharmacy; Souhiela Fawas, University of Michigan

Transitional from a Student to a Faculty Position. Matthew Witry, PharmD, PhD, University of Iowa College of Pharmacy; Brandon Patterson, University of Iowa

Evolving from a Faculty Member to an Administrator. Karen Farris, PhD, MPA, FAPhA, University of Michigan College of Pharmacy

Balancing Work and Home Life. Kimberly Plake, PhD, Purdue University College of Pharmacy; David Zgarrick, PhD, FAPhA, Northeastern University School of Pharmacy

Hints on Publishing from Journal Editors. Andreas Stergachis, University of Washington; Jon Schommer, PhD, FAPhA, University of Minnesota

How to Generate Buzz for Your Research and Practice. Julie Patterson, Virginia Commonwealth University

Becoming a Leader Within the Profession. Michael Smith, PhD, RPh, University of Oklahoma

Pursuing Research and Funding Opportunities. Donna Rivera, PharmD, MSc, National Cancer Institute

Non-Academic Career Paths in Consulting. Elliott Sogol, RPh, PhD, FAPhA, Pharmacy Quality Solutions

Research and Career Opportunities in Industry. Eleanor Perfetto, PhD, MS, University of Maryland/Strategic Initiatives, National Health Council

ACCESS TO CARE
340B Drug Pricing Program: HRSA Audit Update and Satisfying Eligibility Requirements
Activity Type: Knowledge-based
Level 1
12:30 pm–2:30 pm
Convention Center, Room 336
ACPE# 0202-0000-16-001-L04-P • 0.2 CEUs (2 Credit Hours)

The 340B Drug Pricing Program is ever changing and evolving. This annual session will provide pharmacists and other 340B stakeholders with the opportunity to keep current with the program and learn the latest updates directly from the Health Resources and Services Administration’s Office of Pharmacy Affairs. Attendees will learn important strategies regarding covered entity 340B eligibility requirements, compliance, and audit readiness.

Speaker(s): Sherry Pontell, HRSA Office of Pharmacy Affairs; Amanda Earigh, RPh, BCPS, Penn Highlands Dubois; Patrick Barnes, RPh, Shands Jacksonville; Michelle Herzog, HRSA Office of Pharmacy Affairs; Krista Pedley, HRSA Office of Pharmacy Affairs

PHARMACY MANAGEMENT AND PROFESSIONAL LEADERSHIP
Lead the Charge for Patient Care Services
Activity Type: Knowledge-based
Level 2
12:30 pm–2:30 pm
Convention Center, Room 327/328/329
ACPE# 0202-9999-16-033-L04-P • 0.2 CEUs (2 Credit Hours)

Are you ready to lead practice change? Your patient care services add value to health care

APhA2016
practices and organizations. However, it isn’t always easy getting—or staying—in the door. Come to this session and hear from those who have succeeded. They’ll share the skills needed to obtain organizational approval, implement your services, and sustain success.

Speaker(s): Marialice Bennett, RPh, FAPhA, Ohio State University; Melissa Somma McGivney, PharmD, FAPhA, FCCP, University of Pittsburgh

American Institute of the History of Pharmacy recognizes this session.

CLINICAL PATIENT CARE AND SERVICES
HEALTH-SYSTEM PHARMACY
PHARMACY MANAGEMENT AND PROFESSIONAL LEADERSHIP

Biosimilars: What Every Pharmacist Needs to Know

Activity Type: Knowledge-based
Level 1
12:30 pm–2:30 pm
Convention Center, Room 321/322/323
ACPE# 0202-0000-16-014-L04-P • 0.2 CEUs [2 Credit Hours]
ACPE# 0202-0000-16-014-L04-T • 0.2 CEUs [2 Credit Hours]

How do biologics and biosimilars compare in terms of safety and efficacy? In this session, national experts will discuss the differences between these complex products. Biologics are among the most powerful therapies in use today for patients with cancer, rheumatoid arthritis, multiple sclerosis, and other medical conditions. Biosimilars are biologic agents that are designed to mimic the properties of branded biologics (known as reference products). This session will focus on the current status of biosimilars and recent approvals by the U.S. Food and Drug Administration.

Speaker(s): Edward Li, PharmD, University of New England; James Stevenson, BPharm, PharmD, University of Michigan College of Pharmacy

INTEGRATING SCIENCE INTO PRACTICE
APhA-APRS ESAS Contributed Papers Podium Session II

Activity Type: Knowledge-based
Level 1
1:30 pm–3:30 pm
Convention Center, Room 324/325/326
ACPE# 0202-0000-16-007-L04-P • 0.2 CEUs [2 Credit Hours]
ACPE# 0202-0000-16-007-L04-T • 0.2 CEUs [2 Credit Hours]

Researchers will deliver 15-minute presentations of their research findings. A question-and-answer session will follow.

Assisting Medicare Beneficiaries with Limited Income: Frequency of Encounters, Actions, and Knowledge of Alabama Pharmacists.

Hastings T, McFarland S, Hohmann L, Westrick S, Auburn University Harrison School of Pharmacy (262)

Development of an Adherence Enhancement Program for Patients with Asthma in Community Pharmacy Practice: Instruments and Pharmacists’ Feedback.

Makhinova T

Wilson N, Barnes J, Barnes J, University of Texas at Austin College of Pharmacy (111)

“Cash-Register Counseling”: A Qualitative Study of Pharmacists’ Perspectives on Communication Across the Counter.

Myers J, Rodino A, Plake K, Purdue University College of Pharmacy (65)

Parental Acceptance of Influenza and Human Papillomavirus Vaccinations in Community Pharmacies: A Qualitative Interview Study.

Hohmann L, McFarland S, White K, Hastings T, Westrick S, Auburn University Harrison School of Pharmacy (174)

Ability of Community Pharmacists in Rural Areas Across the United States to Provide Pharmacy-Related Care for Individuals with Alzheimer’s Disease.

Marvanova M, North Dakota State University School of Pharmacy, Henkel P, University of Eastern Finland (366)


Bechtol R, Gaither C, Schommer J, University of Minnesota College of Pharmacy, Doucette W, University of Iowa College of Pharmacy, Kreling K, Matt D, University of Wisconsin–Madison School of Pharmacy (428)

NUCLEAR PHARMACY

Brush Up on Advancing Radiopharmaceuticals

Activity Type: Knowledge-based
CLINICAL PATIENT CARE AND SERVICES
HEALTH-SYSTEM PHARMACY

New Drugs 2015
Activity Type: Knowledge-based
Level 1
3:00 pm–5:00 pm
Convention Center, Room 327/328/329
ACPE# 0202-0000-16-043101-P • 0.2
CEUs (2 Credit Hours)
ACPE# 0202-0000-16-043101-T • 0.2
CEUs (2 Credit Hours)
Do you know all the new medications that were approved and first marketed in 2015?
Become familiar with these new drugs, including their indications for use, routes of
administration, and associated precautions. Compare these new products with preexisting
agents and find out if newer really is better. This session is a must for gaining patient
education tips, understanding practical monitoring considerations, and discovering the
role these new drugs will play in therapy.
This session is also offered Saturday, March 5 at 7:00pm.
Speaker(s): Daniel Hussar, PhD, University of the Sciences in Philadelphia
Supported by the Pharmacy Technician Certification Board.
University of Kentucky College of Nursing, Troske S, Freeman P, University of Kentucky College of Pharmacy (321)

A Needs Assessment of Community Pharmacists for Pharmacist Specialization in Canada. Penn J, MacKinnon N, University of Cincinnati James L. Winkle College of Pharmacy, Jorgenson D, University of Saskatchewan College of Pharmacy and Nutrition, Smith J, Intergage Consulting Group Inc. (401)

Prediction of Self-Reported Medication Adherence Among Patients With Chronic Diseases. Rashrash M, Tomaszewski D, Chapman University School of Pharmacy, Schommer J, University of Minnesota College of Pharmacy, Brown L, Chapman University School of Pharmacy (228)

Group 2: 4:30 pm-5:15 pm.

Pharmacists’ Role in Opioid Overdose: A Survey Study of Kentucky Pharmacists’ Willingness to Participate in Naloxone Dispensing. Freeman P, Goodin A, Troske S, Fallin A, University of Kentucky College of Nursing, Green T, Boston University School of Medicine (322)

Characterizing Nonprescription Syringe Sales Practices in Community Pharmacies in the United States. Dixon M, Bailey S, Carpenter D, University of North Carolina at Chapel Hill Eshelman School of Pharmacy, Zule W, RTI International, Oramasionwu C, University of North Carolina at Chapel Hill Eshelman School of Pharmacy (143)

Exploring the Role of Health and Medication Beliefs on the Persistence of Adjuvant Aromatase Inhibitor Hormonal Therapy. Fawaz S, Chapman University, Batra P, Farris K, University of Michigan College of Pharmacy (22)

Impact of Self-Efficacy, Patient Knowledge, and Pharmacist Interaction on Adherence to Oral Contraceptives Based on the Morisky Medication Adherence Scale. Tomaszewski D, Chapman University School of Pharmacy, Aronson B, Kading M, University of Minnesota College of Pharmacy, Morisky D, University of California Los Angeles School of Public Health (30)

Cost-Benefit Analysis of Appointment-Based Medication Synchronization in Community Pharmacies. Patterson J, Holdford D, Virginia Commonwealth University School of Pharmacy, Saxena K, St. Jude Medical

Potentially Inappropriate Antidepressant Use Among Older Adults in Office-Based Outpatient Settings: National Trends From 2002 to 2012. Rhee H, Schommer J, Hadsell R, Uden D, University of Minnesota College of Pharmacy, Capistrant B, University of Minnesota School of Public Health (238)

SATELLITE SYMPOSIAS

SATURDAY, MARCH 5

SATELLITE SYMPOSIAS

The Pharmacist’s Role in Prevention and Management of Opioid-Induced Constipation: Utilizing Proactive Approaches

Activity Type: Knowledge-based

Level 1

6:00 am–8:00 am

Hilton, Holiday 6

ACPE# 0473-9999-16-003-L01-P • 0.15 CEUs (1.5 Credit Hours)

Opioid-induced constipation (OIC) is one of the most common and troublesome adverse events associated with opioids, impacting the majority of patients being treated for chronic pain. More recent advancements have led to the development of a more targeted approach that specifically counteracts the effects of opioids in the gastrointestinal tract. As the role of pharmacists in managing patients with chronic pain grows within the multidisciplinary team, it is imperative that pharmacists improve their competence in the prevention and treatment of OIC. This program provides an overview of the burden and pathophysiology of OIC and offers practical solutions in the prevention and treatment of OIC through case-based discussions.

Speaker(s): Gregory Holmquist, PharmD, CPE, Palliative Care Strategies

Presented by Center for Independent Healthcare Education and Vemo MedEd and supported by Salix, a Division of Valeant Pharmaceuticals North America.

SATELLITE SYMPOSIAS

Overcoming Patient Barriers in Glycemic Control: Clinical Advances in Combination GLP-1 and Insulin Therapy

Activity Type: Application-based

Level 2

6:00 am–8:00 am

Hilton, Holiday Ballroom 1/2/3

0290-0000-16-005-L01-P • 0.15 CEUs (1.5 Credit Hours)

The ADA and AACE guidelines now recommend GLP-1 agonists as alternatives to prandial insulin to treat postprandial hyperglycemia. Fixed-dose combination hyperglycemia of basal insulin with a GLP-1 agonist will address many of the concerns patients and clinicians have about prandial insulin.

Speaker(s): Eden Miller, DO, High Lakes Health Care; Jennifer Costello, PharmD, BCPS, BCAD, Saint Barnabas Medical Center

Presented by Pharmacy Times Continuing Education and supported by Sanoflavlants U.S.

CLINICAL PATIENT CARE AND SERVICES

HEALTH-SYSTEM PHARMACY

Meeting Your Patients’ Insulin Needs During Transitions of Care

Activity Type: Application-based

Level 2

7:00 am–9:00 am

Convenient Center, Room 324/325/326

ACPE# 0202-0000-16-006-L01-P • 0.2 CEUs (2 Credit Hours)

Optimal diabetes management requires an organized, systematic approach and a coordinated team effort of dedicated health care professionals, especially during transitions of care. Insulin is a mainstay therapy for patients with type 1 diabetes and eventually required for most patients with type 2 diabetes. Mastering insulin dosing is often more art than exact science—with each patient requiring an individualized regimen. Learn strategies to master this art for the safety of your patients.

Speaker(s): Jennifer Trujillo, PharmD, BCPS, CDE, University of Colorado, Stuart Hairies, PharmD, RPh, University of Maryland School of Pharmacy
Education Sessions

MARCH 5

INTEGRATING SCIENCE INTO PRACTICE
APhA-APRS ESAS Research Roundtable Breakfast
Activity Type: Knowledge-based
Level 2
7:00 am–9:00 am
Convention Center, Room 318/319/320
ACPE# 0202-0000-16-077-L04-P • 0.2 CEUs (2 Credit Hours)
(Ticket required: $20)
Attendees will have the opportunity to network with colleagues and exchange information on pharmacy-related research topics in the economic, social, and administrative sciences. Breakfast will be served from 7:00-7:30 am. Attendees will have the opportunity to participate in discussions at three different tables during this session by rotating to another table every 25 minutes, with 5 minutes for transition.

Team Science. Leticia Moczygemba, PharmD, PhD, Virginia Commonwealth University
Funding Sources for Graduate Student Research. Betsy Sleath, PhD, University of North Carolina
Stakeholder Engagement and Communication. Daniel Mullins, PhD, University of Maryland
In-Depth Interviews for Evaluation Purposes. Sally Huston, PhD, Keck Graduate Institute
Implementation of Best Practices in Organizations. Geoffrey Curran, PhD, University of Arkansas for Medical Sciences
CMS Star Ratings. Julie Kuhle, RPh, Pharmacy Quality Alliance
Transition of Care. Pamela Heaton, RPh, PhD, University of Cincinnati
Post-Market Authorized Generic Evaluation. Richard Hansen, RPh, PhD, Auburn University
Specialty Drugs. Stephen Schondelmeyer, PharmD, PhD, FAPhA, University of Minnesota
Research with Multiple Stakeholders and Data Sources. Troy Trygstad, PharmD, MBA, PhD, Community Care of North Carolina

PHARMACY LAW AND REGULATIONS
Compounding Medication: Are You Liable?
Activity Type: Knowledge-based
Level 2
7:00 am–9:00 am
Convention Center, Room 316
ACPE# 0202-9999-16-020-L03-P • 0.2 CEUs (2 Credit Hours)
Compounding medication is risky business. Pharmacists need to know the potential liability issues at both the state and federal levels. This session will cover the hottest compounding liability topics, including laws affecting intra- and inter-state dispensing and distribution, the role of the U.S. Food and Drug Administration versus boards of pharmacy, office versus clinic use, the legality and ethics of compounding products with questionable proven efficacy and safety, and much more.
Speaker(s): Lee Rosebush, PharmD, JD, MBA, Baker Hostetler LLP; Francis Palumbo, PhD, FAPhA, University of Maryland School of Pharmacy; Tony Park, PharmD, JD, California Pharmacy Lawyers
Cosponsored by the American Society for Pharmacy Law. Supported by the Pharmacy Technician Certification Board.

PHARMACY MANAGEMENT AND PROFESSIONAL LEADERSHIP
Let’s Talk Tech: Addressing Unmet Needs
Activity Type: Knowledge-based
Level 1
7:00 am–9:00 am
Convention Center, Room 336
ACPE# 0202-0000-16-036-L04-P • 0.2 CEUs (2 Credit Hours)
Traditional pharmacy health information technology (HIT) systems focus primarily on receiving electronic prescriptions, documenting prescription dispensing functions, and exchanging claims-based information. As pharmacists provide more clinically based services, pharmacy HIT systems need to integrate expanded functionalities to collect, document, and exchange clinical information. Community pharmacists who have access to patients’ electronic health records (EHR) are better able to provide effective and efficient patient care services and ensure the safety, quality, consistency, and continuity of care for patients. This session will be presented by two speakers from pharmacy sites that have successfully integrated EHR functionality into the delivery of patient care services.
Speaker(s): Rachelle Spiro, RPh, FASCP, Pharmacy HIT Collaborative; Mary Ann Kliethermes, BSpPharm, PharmD, Midwestern University; Kimberly Braxton Lloyd, PharmD, Auburn University, Harrison School of Pharmacy

CLINICAL PATIENT CARE AND SERVICES
INTEGRATION IN HEART FAILURE TREATMENT
Activity Type: Application-based
Level 2
EDUCATION SCHEDULE

7:00 am–9:00 am
Convention Center, Room 327/328/329
ACPE# 0202-0000-16032101-P • 0.2
CEUs (2 Credit Hours)
Heart failure affects Americans in numbers that cannot be ignored—more than half a million people are diagnosed annually and heart failure claims 55,000 lives each year. However, newly approved treatment options may offer some benefits for selected patients. Learn the potential role of these new medications and ask an expert your questions about improving the quality and length of life for patients with heart disease.
Speaker(s): William Miller, PharmD, University of Iowa; James Owen, PharmD, BCPS, American Pharmacists Association

ADVANCED TRAINING PROGRAMS
Pharmacy-Based Cardiovascular Disease Risk Management Faculty Training
Activity Type: Application-based
8:00 am–12:00 pm
Convention Center, Room 339
(PRE-REGISTERED ATTENDEES ONLY)

CLINICAL PATIENT CARE AND SERVICES
Pharmacy Management and Professional Leadership
Keynote Presentation: Pharmacists Improve Care Through Team Collaboration
Activity Type: Knowledge-based
Level 1
10:00 am–11:00 am
Convention Center, Level 400 Ballroom
ACPE# 0202-0000-16079404-P • 0.1
CEUs (1 Credit Hours)
ACPE# 0202-0000-16079404-T • 0.1
CEUs (1 Credit Hours)
Pharmacists have long known the value that they provide to patient care when they have opportunities to improve collaboration among health care team members. Other members of the health care team are now increasingly recognizing this value and support expanding roles for pharmacists in a variety of care settings. During this session, opportunities to further optimize the role of the pharmacist on the health care team will be presented from the perspective of a renowned physician whose first-hand experiences will be explored. Strategies to leverage the value of the pharmacist throughout diverse health care settings will also be discussed.
This session is part of the Opening General Session, which begins at 9:00 am. See page 13 for details.
Speaker(s): Rajiv Shah, MD, MyMeds

INTEGRATING SCIENCE INTO PRACTICE
Meet the Researchers: APhA Contributed Papers Poster Session
Activity Type: Knowledge-based
Level 1
EXPANDING OPPORTUNITIES THROUGH PATIENT CARE

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APhA

3:00 pm–4:00 pm

Level 1

Activity Type: Knowledge-based

Need to Know

(Pre-registered attendees only.)

Convention Center, Room 339

1:00 pm–5:00 pm

Activity Type: Application-based

Training

The Pharmacist and Patient- 

ADVANCED TRAINING PROGRAMS

Board.

Supported by the Pharmacy Technician Certification 

Education Booth is 12:00pm on Monday, 

March 7. The form must be returned by 

the session handouts prior to session start. The 

available at the poster hall or online within 

To claim credit, please pick up the CPE form 

(4 posters = 1 credit hour; 8 posters = 2 credit 

hours.) No partial credit is available.

To claim credit, please pick up the CPE form 

available at the poster hall or online within the 

session handouts prior to session start. The 

deadline to return the completed form to the 

Education Booth is 12:00pm on Monday, 

March 7. The form must be returned by 

Monday, March 7 to claim credit. 

Supported by the Pharmacy Technician Certification 

Board.

ADVANCED TRAINING PROGRAMS

The Pharmacist and Patient- 

Centered Diabetes Care Faculty 

Training

Activity Type: Application-based

1:00 pm–5:00 pm

Convention Center, Room 339

(Pre-registered attendees only.)

ACPE# 0202-0000-16-039-L04-P • 0.1
CEUs (1 Credit Hours)

ACPE# 0202-0000-16-039-L04-T • 0.1
CEUs (1 Credit Hours)

TWO HOUR:

ACPE# 0202-0000-16-040-L04-P • 0.2
CEUs (2 Credit Hours)

ACPE# 0202-0000-16-040-L04-T • 0.2
CEUs (2 Credit Hours)

Participate in this activity to learn about innovative projects and programs developed in pharmacy practice. Attend the “Meet the Researchers: APhA Contributed Papers Poster Session” and earn 1 or 2 hours of CPE credit. Identify four or eight posters that will expand your educational knowledge at APhA2016. (4 posters = 1 credit hour, 8 posters = 2 credit hours.) No partial credit is available.

To claim credit, please pick up the CPE form available at the poster hall or online within the session handouts prior to session start. The deadline to return the completed form to the Education Booth is 12:00pm on Monday, March 7. The form must be returned by Monday, March 7 to claim credit. Supported by the Pharmacy Technician Certification Board.

CLINICAL PATIENT CARE AND SERVICES

INTEGRATING SCIENCE INTO PRACTICE

PHARMACY LAW AND REGULATIONS

PHARMACY MANAGEMENT AND PROFESSIONAL LEADERSHIP

Colleagues in Research: Resisting Temptation: Can Abuse-Deterrent Formulations Curb Opioid Abuse?

Activity Type: Knowledge-based

Level 2

3:00 pm–5:00 pm

Convention Center, Room 337/338

ACPE# 0202-0000-16-072-L01-P • 0.2
CEUs (2 Credit Hours)

Opioid abuse and misuse remains an American epidemic, with abuse rates rising exponentially. Methods, from snorting and smoking to injecting and chemically manipulating, are particularly dangerous in the way they alter dosage and the product itself. Abuse-deterrent formulations, however, seek to reduce the appeal for illicit use by preventing the release of the opioid or releasing a drug that reverses the opioid’s effect. Learn more about the available tamper-resistant formulations and the issues surrounding them.

Speaker(s): Meghan Jeffres, PharmD, University of Colorado; Timothy Gauthier, PharmD, BCPS-AQ ID, Miami VA Healthcare System

Developed in partnership with the Society for Infectious Diseases Pharmacists.

CLINICAL PATIENT CARE AND SERVICES

INTEGRATING SCIENCE INTO PRACTICE

PHARMACY LAW AND REGULATIONS

PHARMACY MANAGEMENT AND PROFESSIONAL LEADERSHIP

Colleagues in Research: Resisting Temptation: Can Abuse-Deterrent Formulations Curb Opioid Abuse?

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CLINICAL PATIENT CARE AND SERVICES

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CLINICAL PATIENT CARE AND SERVICES

HEALTH-SYSTEM PHARMACY

INTEGRATING SCIENCE INTO PRACTICE

PHARMACY LAW AND REGULATIONS

PHARMACY MANAGEMENT AND PROFESSIONAL LEADERSHIP

Improving Care, Controlling Costs: Inside New CMS Quality Initiatives

Activity Type: Knowledge-based

Level 1

3:00 pm–5:00 pm

Convention Center, Room 316

ACPE# 0202-0000-16-030-L04-P • 0.2
CEUs (2 Credit Hours)

Traditionally, Medicare makes separate payments to providers for individual services rendered for a single illness or course of treatment. This approach—rewarding quantity over quality—can result in fragmented care with minimal coordination across providers
and settings. The Centers for Medicare and Medicaid Services (CMS) aims to change this approach through new initiatives. Surveying and bundled payments for care improvement are two of the many CMS initiatives designed to promote care quality and reduce costs to Medicare. Experts leading this session will provide a detailed explanation of these two initiatives and clarify the role clinical pharmacy services play within them.

Speaker(s): Melinda Joyce, PharmD, FAPhA, Commonwealth Health Corporation

**CLINICAL PATIENT CARE AND SERVICES**

**HEALTH-SYSTEM PHARMACY**

**Beyond Statins: Unraveling the Cholesterol Controversy**

Activity Type: Knowledge-based
Level 2
3:00 pm–5:00 pm
Convention Center, Room 324/325/326
ACPE# 0202-0000-16-011-L01-P • 0.2 CEUs (2 Credit Hours)

The need for Americans with dyslipidemia to be treated is critical: approximately 37 million U.S. adults have untreated high cholesterol. Moreover, 11 million others cannot reach their low-density lipoprotein cholesterol goals, even with use of first-line treatments such as statins. The American College of Cardiology and American Heart Association 2013 guidelines for the treatment of dyslipidemia focused primarily on statin therapy, leaving many questions for practitioners about the appropriate use of other classes of medications for this condition. Attendees of this session will hear pharmacy experts from the appropriate use of other classes of medications for this condition. Attendees will hear pharmacy experts from:

Speaker(s): Joseph Saseen, PharmD, FCCP, University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences; Vincent Willey, PharmD, RPH, HealthCore; Evan Sisson, PharmD, MSHA, CDE, FAADE, Virginia Commonwealth University School of Pharmacy

Supported by independent educational grants from AstraZeneca LP and Pfizer.

**PHARMACY MANAGEMENT AND PROFESSIONAL LEADERSHIP**

**Quick Read: Do Point-of-Care Tests Add Value?**

Activity Type: Knowledge-based
Level 2
3:00 pm–5:00 pm
Convention Center, Room 327/328/329
ACPE# 0202-0000-16-071-L04-P • 0.2 CEUs (2 Credit Hours)

A growing number of rapid diagnostic and point-of-care (POC) tests now exist to enlighten pharmacists on a condition within minutes of a patient’s presentation, thereby dramatically decreasing the time needed to initiate appropriate therapy. Learn more about the use of POC tests as well as issues related to legislation, liability, reimbursement, and integration of these groundbreaking tests in your practice.

Speaker(s): Michael Klapser, PharmD, FCCP, Ferris State University; Alex Adams, PharmD, MPH, Idaho State Board of Pharmacy

**NUCLEAR PHARMACY**

**What’s Next in Cardiovascular Imaging**

Activity Type: Knowledge-based
Level 2
3:00 pm–5:00 pm
Convention Center, Room 340
ACPE# 0202-0000-16-062-L01-P • 0.2 CEUs (2 Credit Hours)

New advancements in nuclear medicine are ushering in powerful options for cardiovascular imaging. Learn about the current gold standard as well as the recent development of novel positron emission tomography (PET) and single photon emission computed tomography (SPECT) tracers—along with other new targets for imaging various cardiovascular diseases.

Speaker(s): Gordon Depuey, MD, Mount Sinai St. Luke’s and Roosevelt Hospitals; Albert Sinusas, MD, Yale University

This activity is approved for Board Certified Nuclear Pharmacist (BCNP) recertification credit.

**ACCESS TO CARE**

**340B Drug Pricing Program: Preventing Diversion**

Activity Type: Knowledge-based
Level 1
3:00 pm–5:00 pm
Convention Center, Room 336
ACPE# 0202-0000-16-021-L04-P • 0.2 CEUs (2 Credit Hours)

Covered entities must develop and implement patient eligibility determination and inventory management systems that prevent diversion of 340B drugs. Attendees will hear from the Health Resources and Services Administration’s Office of Pharmacy Affairs as well as 340B Leading Practice Sites about program requirements, processes, and controls that mitigate the risk of diversion.

Speaker(s): Nicole Crase, RPh, PharmD, Five Rivers Health Centers Pharmacy; John Illic, PharmD, MBA, Loyola University Medical Center; Jane McLaughlin-Middlekauff, PharmD, BCACP, HRSA Office of Pharmacy Affairs; William Pong, PharmD, Loyola University Medical Center, Cathie Jamieson, MA, BSPharm, RPh, Consultant

**PHARMACY LAW AND REGULATIONS**

**Legislative and Regulatory Update 2015**

Activity Type: Knowledge-based
Level 1
3:00 pm–5:00 pm
Convention Center, Room 321/322/323
ACPE# 0202-0000-16-035-L03-P • 0.2 CEUs (2 Credit Hours)

ACPE# 0202-0000-16-035-L03-T • 0.2 CEUs (2 Credit Hours)

Pharmacy today is fraught with new legislation and regulation. Constant developments in Congress and federal agencies have implications for pharmacists’ practices. This session will provide the most recent information on the provider status initiative and other legislation affecting the profession. Among additional topics to be discussed are the continued implementation of the Drug Quality and Security Act, changes to the Medicare Part D program, agency activity on biosimilars, and prescription drug abuse.

Speaker(s): Michael Spira, American Pharmacists Association; Jillanne Schulte, JD, American Pharmacists Association

Supported by the Pharmacy Technician Certification Board.
Do you know all the new medications that were approved and first marketed in 2015? Become familiar with these new drugs, including their indications for use, routes of administration, and associated precautions. Compare these new products with preexisting agents and find out if newer really is better. This session is a must for gaining patient education tips, understanding practical monitoring considerations, and discovering the role these new drugs will play in therapy. This session is also offered Friday, March 4 at 3:00 pm.

Speaker(s): Daniel Hussar, PhD, University of the Sciences in Philadelphia
Support by the Pharmacy Technician Certification Board.

EDUCATING THE EDUCATORS
Understand Learning Styles, Improve Your Teaching
Activity Type: Application-based
Level 2
7:00 pm–9:00 pm
Convention Center, Room 324/325/326
ACPE# 0202-0000-16-058-L01-P • 0.2 CEUs (2 Credit Hours)
ACPE# 0202-0000-16-058-L01-T • 0.2 CEUs (2 Credit Hours)
What kind of learner are you? Do you know the learning styles of your students? How does your personal learning style influence your interactions with students? This session will help you understand different preferences in learning styles and ultimately improve your educational activities.
Speaker(s): Zubin Austin, BScPhm, MBA, MiSc, PhD, University of Toronto, Leslie Dan Faculty of Pharmacy
American Institute of the History of Pharmacy recognizes this session. Supported by the Pharmacy Technician Certification Board.

Gout, a painful and disabling form of arthritis resulting from deposition of monosodium urate (MSU) crystals in joints, affects approximately 8.3 million Americans, or 4% of the U.S. population. This symposium will help pharmacists in discussing gout, emerging gout pharmacotherapies, how to better monitor gout therapies, and how to counsel patients on the adherence to therapies and lifestyle modifications when dealing with advanced gout management.

Speaker(s): Jennifer Clements, PharmD, BCPS, CDE, BCACP, Presbyterian College of Pharmacy; Randolph Fugit, PharmD, BCPS, University of Colorado
Presented by NACCME, LLC and supported by AstraZeneca.

Pharmacists are increasingly needed to help the health care team translate guidelines on individualizing type 2 diabetes treatment goals and therapeutic regimens into day-to-day recommendations for each patient. This symposium will cover the evolution of insulin replacement therapy for type 2 diabetes, relationships with core pathophysiologic disease mechanisms, insulin-based regimens that seek to maximize efficacy and reduce
EDUCATION SCHEDULE

PHARMACY MANAGEMENT AND PROFESSIONAL LEADERSHIP

Rooting Out Errors in Your Pharmacy
Activity Type: Knowledge-based
Level 2
7:00 am–9:00 am
Convention Center, Room 321/322/323
ACPE# 0202-9999-16-051-T05-P • 0.2 CEUs (2 Credit Hours)
ACPE# 0202-9999-16-051-T05-T • 0.2 CEUs (2 Credit Hours)
Knowledge is power. Learning from past mistakes empowers you to avoid similar errors in the future. Root cause analysis (RCA)—a technique for a systematic investigation into the origins and context of the mistake—is a strategic tool for identifying root causes of problematic events and correcting them. RCA involves data collection, cause charting, root cause identification, and recommendations for ways to improve the system and prevent harm to patients. Come learn how to harness the power of RCA to improve pharmacy practice.
Speaker(s): Karen Ryle, MS, RPh, Massachusetts General Hospital; Donna Horn, RPh, DPh, Institute for Safe Medication Practices
Cosponsored by the American Society for Pharmacy Law. Supported by the Pharmacy Technician Certification Board.

CLINICAL PATIENT CARE AND SERVICES

Wide Awake: Managing Insomnia
Activity Type: Application-based
Level 2
7:00 am–9:00 am
Convention Center, Room 340
ACPE# 0202-0000-16-064-T01-P • 0.2 CEUs (2 Credit Hours)
What keeps you up at night? No matter what’s preventing people with insomnia from getting needed sleep, they’re at great risk. Insomnia has been linked to diabetes, cardiovascular disease, and psychiatric disorders. Get to know the various disorders that can interfere with sleep, including primary insomnia, shift work disorder, obstructive sleep apnea, and narcolepsy, along with the effective pharmacologic and nonpharmacologic strategies to treat patients with these conditions.
Speaker(s): Julie Dopheide, PharmD, BCPP, FASHIP, University of Southern California; Ericka Crouse, PharmD, Virginia Commonwealth University Health System
Supported by an independent educational grant from Merck & Co., Inc.

CLINICAL PATIENT CARE AND SERVICES

Take Good Care: Managing Children’s Medications
Activity Type: Knowledge-based
Level 2
7:00 am–9:00 am
Convention Center, Room 337/338
ACPE# 0202-0000-16-075-T01-P • 0.2 CEUs (2 Credit Hours)
Infants and children have medication management needs that can be unique and complex. Pediatric patients present challenges distinct from those of adult patients. Drugs behave differently in these younger patients; medications may not be absorbed, distributed, metabolized, or eliminated in the same manner as in adults, causing increased or decreased efficacy or risk for adverse events. Merely reducing the medication dosage is often not adequate to meet a child’s medication needs. Furthermore, alternative dosing forms are often required, which can lead to inaccurate dosing particularly when products are administered by parents or other caregivers. In this session, national experts will use a case-based approach to explore the distinct medication needs of pediatric patients.
Speaker(s): Hanna Phan, PharmD, BCPS, University of Arizona; Robert Kuhn, PharmD, University of Kentucky College of Pharmacy

EDUCATING THE EDUCATORS

The Art of Constructive Feedback
Activity Type: Application-based
Level 2
7:00 am–9:00 am
Convention Center, Room 336
ACPE# 0202-0000-16-055-T04-P • 0.2 CEUs (2 Credit Hours)
ACPE# 0202-0000-16-055-T04-T • 0.2 CEUs (2 Credit Hours)
The best preceptors have mastered the art of constructive criticism. When delivering criticism to learners, you must communicate the need for improvement without casting blame. Two experts will teach you the finer points of constructive criticism, including ways to evaluate learner performance and how to direct your feedback toward the action, not the learner.
Speaker(s): Seena Haines, PharmD, BCACP, FAPhA, FASHP, BC-ADM, CDE, University of Mississippi School of Pharmacy; Jenny Van Amburgh, PharmD, FAPhA, Northeastern University School of Pharmacy
Supported by the Pharmacy Technician Certification Board.

CLINICAL PATIENT CARE AND SERVICES

Men’s Health Concerns: Widely Experienced, Widely Misunderstood
Activity Type: Application-based
Level 2
7:00 am–9:00 am
Convention Center, Room 327/328/329
ACPE# 0202-0000-16-041-T01-P • 0.2 CEUs (2 Credit Hours)
Aging men tend to face similar health concerns: testosterone replacement therapy, management of benign prostatic hyperplasia, urinary incontinence, and erectile dysfunction. No matter how common they may be, these conditions are still widely misunderstood by patients and health care providers alike. Learn
Education Sessions

SUNDAY, MARCH 6

about complex cases involving common men’s health issues and the strategies that work in treating these conditions.
Speaker(s): J. Mark Ruscin, PharmD, Southern Illinois University Edwardsville School of Pharmacy; Sunny Linnebur, PharmD, BCPS, FCCP, FASCP, CGP, University of Colorado

CLINICAL PATIENT CARE AND SERVICES

Ask the Expert: When Are Triglycerides Too High?
Activity Type: Application-based
Level 2
7:00 am–9:00 am
Convention Center, Room 317
ACPE# 0202-0000-16-009-L01-P • 0.2 CEUs (2 Credit Hours)
Did you know that low-density lipoprotein cholesterol is not the only predictor of cardiovascular disease (CVD) risk? Triglycerides, high-density lipoprotein cholesterol, and other circulating lipoproteins also play an important role; however, they received little mention in the 2013 guidelines from the American College of Cardiology and American Heart Association on the management of dyslipidemia. Find out more about these lesser known and seldom discussed CVD predictors and how to manage them, particularly elevated triglycerides.
Speaker(s): Joseph Saseen, PharmD, FCCP, University of Colorado; Evan Sisson, PharmD, Washington State Pharmacy Association; Robert Weber, PharmD, MS, BCPS, Ohio State University

CLINICAL PATIENT CARE AND SERVICES

HEALTH-SYSTEM PHARMACY

The Price of Pain Relief: Opioid-Induced Constipation
Activity Type: Application-based
Level 2
7:00 am–9:00 am
Convention Center, Room 318/319/320
ACPE# 0202-0000-16-056-L01-P • 0.2 CEUs (2 Credit Hours)
Pain relief sometimes comes at a cost. In the case of opioids, that cost is often constipation. Despite the need for long-term pain management, many patients opt out of opioid treatment due to this adverse effect, even while developing a tolerance to most others. In this session, attendees will learn strategies for managing constipation in chronic opioid users.
Speaker(s): Maria Foy, BS, PharmD, BCPS, CPE, Abington Hospital; Christopher Herndon, PharmD, BCPS, CPE, Southern Illinois University Edwardsville

ADVANCED TRAINING PROGRAMS

Pharmacy-Based Immunization Faculty Training
Activity Type: Application-based
7:00 am–12:00 pm
Convention Center, Room 316
ACPE# 0202-0000-16-021-L04-P • 0.2 CEUs (2 Credit Hours)
Are you familiar with credentialing and privileging processes? You should be. These processes are already in place for other health care practitioners. Health care entities and payers are beginning to expand the implementation of these processes to pharmacists as they continue to gain recognition for their patient care services. In this session, experts will tell you everything you need to know. The presentation will highlight case examples from an innovative pilot program designed to credential community pharmacists and implement a shared savings payment framework in an accountable care organization as well as a statewide pharmacist-credentialing program.
Speaker(s): Brian Isetts, PhD, BCPS, FAPhA, University of Minnesota; Jeffrey Rochon, PharmD, Washington State Pharmacy Association; Robert Weber, PharmD, MS, BCPS, Ohio State University

PHARMACY MANAGEMENT AND PROFESSIONAL LEADERSHIP

Teaming Up for Safer Pain Management Strategies
Activity Type: Knowledge-based
Level 2
1:00 pm–3:00 pm
Convention Center, Room 324/325/326
ACPE# 0202-0000-16-054-L04-T • 0.2 CEUs (2 Credit Hours)
ACPE# 0202-0000-16-054-L04-P • 0.2 CEUs (2 Credit Hours)
Opioid use for pain management has increased substantially in recent decades. Unfortunately, so have the rates of misuse, abuse, and overdose deaths. Careful medication selection and monitoring are crucial components of opioid-based pain management strategies, especially for patients...
continuously using opioids to manage chronic pain. Learn how to work with prescribers in managing safety concerns associated with opioids.

Speaker(s): Jeffrey Fudin, PharmD, DAAPM, FCCP, FASHP, Novopain Associates; Lynn Webster, MD, PRA Health Sciences

Supported by the Pharmacy Technician Certification Board.

**CLINICAL PATIENT CARE AND SERVICES**

**HEALTH-SYSTEM PHARMACY**

**A Stormy C: Challenges to Hepatitis C Management**

Activity Type: Application-based
Level 2
1:00 pm–3:00 pm
Convention Center, Room 317
ACPE# 0202-0000-16-066-L01-P • 0.2 CEUs (2 Credit Hours)

This session takes a hard look at how to balance the costs and benefits of hepatitis C virus (HCV) treatments. The new direct-acting antivirals (DAA) are game changers. These agents are effective, have a shorter treatment duration, and have fewer adverse effects and drug interactions compared with the current standard of care therapies. However, the high cost of DAA is a focal point for specialty pharmacy and managed care. Learn how both clinicians and managed care professionals attempt to balance the effective treatment of HCV with the implementation of appropriate managed care strategies in an effort to improve patient outcomes and reduce health care expenditures.

Speaker(s): Tiffany Kaiser, PharmD, University of Cincinnati; David Quan, PharmD, University of California, San Francisco

Supported by independent educational grants from Gilead Sciences Inc. and Merck & Co., Inc.

**EDUCATING THE EDUCATORS**

**Learner Integration:**

**A Win-Win-Win Scenario**

Activity Type: Application-based
Level 2
1:00 pm–3:00 pm
Convention Center, Room 336
ACPE# 0202-0000-16-034-L04-P • 0.2 CEUs (2 Credit Hours)

Learners get more from what they’ve learned by applying their new knowledge. These learners can greatly benefit clinical practices and day-to-day operations by providing an extension of services and adding creativity and new ideas. But institutions struggle to meaningfully integrate them. Discover best practices for involving your learners in ways that benefit everyone, regardless of practice setting.

**PHARMACY LAW AND REGULATIONS**

**Hot Topics in Telehealth and Pharmacy**

Activity Type: Knowledge-based
Level 2
1:00 pm–3:00 pm
Convention Center, Room 327/328/329
ACPE# 0202-9999-16-028-L03-P • 0.2 CEUs (2 Credit Hours)

**Maxed Out on Metformin: Now What?**

Activity Type: Application-based
Level 2
1:00 pm–3:00 pm
Convention Center, Room 316
ACPE# 0202-0000-16-066-L01-P • 0.2 CEUs (2 Credit Hours)

Metformin is simply not enough to achieve the blood glucose goals of most patients with type 2 diabetes, especially as the disease progresses. With numerous treatment options available—including insulin, sulfonylureas, thiazolidinediones, dipeptidyl peptidase-4 (DPP-4) inhibitors, glucagon-like peptide-1 (GLP-1) agonists, and sodium-glucose cotransporter 2 (SGLT-2) inhibitors—selecting the appropriate second-line therapy can be daunting. Explore strategies for combining antidiabetic agents with or without insulin for your patients.

Visit the Annual Meeting Community on APhA Engage, our members-only online group, to discuss this session.

Speaker(s): Jennifer Trujillo, PharmD, BCPS, CDE, University of Colorado; Susan Cornell, PharmD, CDE, FAPhA, FAADE, Midwestern University Chicago

Supported by an independent educational grant from Novo Nordisk Inc.

**PHARMACY MANAGEMENT AND PROFESSIONAL LEADERSHIP**

**Billing Boot Camp I: Basic Training**

Activity Type: Knowledge-based
Level 1
1:00 pm–3:00 pm
Convention Center, Room 321/322/323
ACPE# 0202-0000-16-012-L04-P • 0.2 CEUs (2 Credit Hours)

Finally, pharmacists are being recognized for the value of their patient care services, in physician office practices, clinics, and new care delivery models as well as by self-insured employers. This significant shift for the pharmacy community includes expanding payment opportunities—a major challenge until now, particularly for those practicing in community and ambulatory settings. Learn the basics of billing for your patient care services, including the types of billing codes currently in use and how they are applied in practice.

Speaker(s): Gloria Sachdev, PharmD, Purdue University College of Pharmacy; Sandra Leal, PharmD, MPH, FAPhA, CDE, SinfoniaRx;
Patients must use their respiratory medication inhalers correctly to have meaningful outcomes. Since 2013, five new inhalers have received approval from the U.S. Food and Drug Administration for the treatment of respiratory conditions. These devices are intended to enhance patient adherence and ensure more consistent drug delivery. In this hands-on session, attendees will gain valuable skills for counseling patients with asthma or chronic obstructive pulmonary disease on proper use of these devices.

Speaker(s): Dennis Williams, PharmD, FAPhA; University of North Carolina at Chapel Hill Eshelman School of Pharmacy; Michael Cawley, BS, PharmD, University of the Sciences in Philadelphia

Supported by an independent educational grant from AstraZeneca LP.

**ADVANCED TRAINING PROGRAMS**

**Delivering Medication Therapy Management Services Faculty Training**

Activity Type: Application-based

1:00 pm–5:00 pm

Convention Center, Room 339

(Pre-registered attendees only.)

**PHARMACY LAW AND REGULATIONS**

**FDA Update 2015**

Activity Type: Knowledge-based

Level 2

3:30 pm–5:30 pm

Convention Center, Room 327/328/329

ACPE# 0202-0000-16-026-T03-P • 0.2 CEUs (2 Credit Hours)

ACPE# 0202-0000-16-026-T03-T • 0.2 CEUs (2 Credit Hours)

Which recent changes in U.S. Food and Drug Administration regulations and actions affect your practice? Are you aware of others on the horizon? This session will address the most relevant topics, including counterfeit medications and other supply chain security issues, drug shortages, unapproved drugs, patient medication information, prescription drug disposal, the Prescription Drug User Fee Act reauthorization, risk evaluation and mitigation strategies, and safe use initiatives.

Speaker(s): Ilisa Bernstein, PharmD, Food and Drug Administration; Mary Kremzner, MPH, PharmD, Food and Drug Administration

Supported by the Pharmacy Technician Certification Board.

**HEALTH-SYSTEM PHARMACY**

**INTEGRATING SCIENCE INTO PRACTICE**

**PHARMACY MANAGEMENT AND PROFESSIONAL LEADERSHIP**

**Turning the Tide: How to Improve Antibiotic Use and Stop a Killer**

Activity Type: Knowledge-based

Level 2

3:30 pm–5:30 pm

Convention Center, Room 317

ACPE# 0202-0000-16-057-T01-P • 0.2 CEUs (2 Credit Hours)

Every year, more than 2 million people in the United States become ill from antibiotic-resistant bacteria with more than 23,000 deaths directly attributable to these infections. The mortality rate grows when patients with complications of coexisting conditions are factored in calculations. The Centers for Disease Control and Prevention has identified improving the use of antibiotics as a core action necessary in fighting the spread of antibiotic-resistant infections. Learn from leading experts about current antibiotic-resistance patterns, incentives for reducing
antibiotic use, and strategies to combat overuse of antibiotics.

Speaker(s): Melinda Joyce, PharmD, FAPhA, Commonwealth Health Corporation; Timothy Gauthier, PharmD, BCPS-AQ ID, Miami VA Healthcare System

PHARMACY MANAGEMENT AND PROFESSIONAL LEADERSHIP
Billing Boot Camp II: Advanced Training
Activity Type: Knowledge-based
Level 2
3:30 pm–5:30 pm
Convention Center, Room 321/322/323
ACPE# 0202-0000-16-013-L04-P • 0.2 CEUs (2 Credit Hours)
Major transformations in health care include reimbursement. With new value-based payment models focused on increasing quality and decreasing cost, it is important to understand billing requirements. You also need to identify and track quality and outcome measures to support your business case. In this session, which builds on Billing Boot Camp I, find out from the experts how to measure health care delivery in your practice and about billing requirements, with a particular focus on Medicare.

Speaker(s): Gloria Sachdev, PharmD, Purdue University College of Pharmacy; Sandra Leal, PharmD, MPH, FAPhA, CDE, SinfoniaRx; Mary Ann Klathermes, BSPharm, PharmD, Midwestern University

NUCLEAR PHARMACY
Essential Info When Dispensing Radioactive Material
Activity Type: Knowledge-based
Level 2
3:30 pm–5:30 pm
Convention Center, Room 340
ACPE# 0202-0000-16-024-L04-P • 0.2 CEUs (2 Credit Hours)
Administering radiopharmaceuticals requires particular care and precision. The National Institute of Standards and Technology (NIST) and dose calibrator manufacturers work closely to ensure accurate measurements, but calibration settings change. For instance, fluorine-18 had a recent calibration setting change. New radiopharmaceuticals labeled with radium-223, yttrium-90, gallium-68, and lutetium-177 will need new calibration settings for dispensing. Your understanding of accuracy and inherent measurement error with primary and secondary NIST sources, as well as your ability to adapt NIST geometry parameters to dispensing parameters, are critical for patient safety. This session will give you the details to rise to heightening expectations and overcome calibration challenges.

Speaker(s): Jeffrey Cessna, BS, National Institute of Standards and Technology; Mary Anne Yusko, Capintec, Inc.
This activity is approved for Board Certified Nuclear Pharmacist (BCNP) recertification credit.

CLINICAL PATIENT CARE AND SERVICES
HEALTH-SYSTEM PHARMACY
Expert Debate: Novel Oral Anticoagulants
Activity Type: Application-based
Level 2
3:30 pm–5:30 pm
Convention Center, Room 324/325/326
ACPE# 0202-0000-16-025-L01-P • 0.2 CEUs (2 Credit Hours)
Novel oral anticoagulants (NOACs) have major pros and cons. Benefits of NOACs are their major pharmacologic advantages over vitamin K antagonists (e.g., warfarin), including rapid onset/offset of action, predictable pharmacokinetics, and elimination of the requirement for regular coagulation monitoring. Disadvantages of NOACs include concerns about medication adherence without laboratory monitoring; uncertainty about dosing in some populations (e.g., patients with renal dysfunction or obesity); higher drug costs compared with warfarin; lack of specific antidotes for NOACs; and absence of assays to measure drug levels at most centers. Hear both sides of this ongoing debate from our experts so you know where you stand when it comes to NOACs.

Speaker(s): John Fanikos, Brigham and Women’s Hospital; Maureen Smythe, PharmD, Wayne State University Eugene Applebaum College of Pharmacy and Health Sciences; Paul Dobesh, PharmD, University of Nebraska Medical Center College of Pharmacy

PHARMACY MANAGEMENT AND PROFESSIONAL LEADERSHIP
Patient Care Services Pearls
Activity Type: Knowledge-based
Level 2
3:30 pm–5:30 pm
Convention Center, Room 337/338
ACPE# 0202-0000-16-076-L04-P • 0.2 CEUs (2 Credit Hours)
ACPE# 0202-0000-16-076-L04-T • 0.2 CEUs (2 Credit Hours)
This session showcases pearls of innovative patient care services in various pharmacy practice settings. Pharmacists and technicians who provide patient care services will deliver 15-minute presentations discussing strategies and techniques that they have successfully implemented.

Incorporation of Clinical Pharmacists into the Outpatient Transitions of Care Process. Bethany Murphy, PharmD, BCACP, Union University School of Pharmacy

Point-of-Care Testing: A Partnership Between Pharmacy and Public Health. Cameron Gordon, Roseman University College of Pharmacy

Clinical Pharmacy Integration Within Chronic Care Management Services. Jennifer Malinowski, PharmD, BS, RPh, Wilkes University

Veterinary Pharmacy: What Every Community Pharmacist Needs. Breanna Sunderman, PharmD, University of North Carolina Eshelman School of Pharmacy; Kroger Pharmacy

Utilizing a Pharmacist and Outpatient Pharmacy in Transitions of Care to Reduce Readmission Rates. Rupal Mansukhani, PharmD, Rutgers University

Community Pharmacy Based Specialty Medication Administration. Robert Willis, PharmD, BCACP, Albertsons-Safeway Pharmacy

Pharmacist Nasal Narcan Dispensing from the ED. Nancy Balch, Massachusetts General Hospital

Malaria Chemoprophylaxis Protocol in a Community Pharmacy Travel Immunization Clinic. Haley Palmer, PharmD, Ball’s Foods
ACCESS TO CARE

340B Drug Pricing Program: Preventing Duplicate Discounts
Activity Type: Knowledge-based
Level 1
3:30 pm–5:30 pm
Convention Center, Room 316
ACPE# 0202-0000-16-003104-P • 0.2 CEUs (2 Credit Hours)
The prohibition against duplicate discounts is a statutory requirement of the 340B Drug Discount Program. This session will focus on understanding and complying with the duplicate discount prohibition, including the maintenance of accurate 340B Database and Medicaid Exclusion File records and compliance with state Medicaid agency requirements. Attendees will hear from the Health Resources and Services Administration’s Office of Pharmacy Affairs and 340B Leading Practice Sites regarding policies, procedures, and practices that prevent duplicate discounts in accordance with 340B federal and state requirements.
Speaker(s): Jane McLaughlin-Middlekauff, PharmD, BCACP, HRSA Office of Pharmacy Affairs; Rachel Barhorst, PharmD, Family Health Pharmacy; Richard Fons, RPH, AAHIVP, AIDS Resource Center of Wisconsin; Jennifer Clark, PharmD, Health Partners of Western Ohio; Tracey Cole, RPh, American Pharmacists Association

SATELLITE SYMPOSIA

Domestic Mo-99 Supply Issues and Update on Radionuclide Generator Developments
Activity Type: Knowledge-based
Level 2
6:00 pm–9:00 pm
Hilton, Holiday 6
ACPE# 0039-0001-15-092104-P • 0.1 CEUs (1 Credit Hours)
A review of the current molybdenum-99 supply issues and the factors contributing to shortages and chronic supply disruptions. This will be followed by an update on new suppliers, methods, and generator technology, which may lead to alleviation of these isotope shortages.
Speaker(s): James Harvey, PhD, NorthStar Medical Radioisotopes, LLC
Presented and supported by NorthStar Medical Radioisotopes, LLC.

CLINICAL PATIENT CARE AND SERVICES

Beware: Clinically Significant Drug Interactions in the Treatment of HIV
Activity Type: Application-based
Level 2
7:30 am–9:30 am
Convention Center, Room 321/322/323
ACPE# 0202-0000-16-010102-P • 0.2 CEUs (2 Credit Hours)
Drug therapy for HIV is complex, with over 20 antiretroviral drugs in six classes approved by the U.S. Food and Drug Administration. Some of these drugs, for example, are metabolized by the CYP3A isoenzymes, causing their levels to be affected by agents that induce or inhibit these enzymes. Learn about clinically significant interactions among these drugs and get the tools you need to prevent adverse outcomes associated with the interactions.
Managing Joint and Bone Diseases: Insights from Complex Cases

Activity Type: Application-based
Level 2
7:30 am–9:30 am
Convention Center, Room 336
ACPE# 0202-0000-16-038-L01-P • 0.2 CEUs (2 Credit Hours)

Increasingly, patients with joint and bone diseases are turning to their pharmacists for help managing symptoms. Are you ready to counsel your patients with rheumatoid arthritis, osteoarthritis, osteoporosis, and gout? In this session, experts in the field will show you how they take a stepwise approach to improving quality of life for patients with complex cases.

Speaker(s): Daniel Longyhore, PharmD, MEd, BCACP, Wilkes University; Beth Rzemski-Targoff, PharmD, University of Oklahoma College of Pharmacy

Obesity Is a Chronic Disease: Let’s Treat It That Way

Activity Type: Application-based
Level 2
7:30 am–9:30 am
Convention Center, Room 316
ACPE# 0202-0000-16-068-L01-P • 0.2 CEUs (2 Credit Hours)

Pharmacists play a major role in the management of obesity, which many professional organizations define as a chronic disease. Obesity needs to be treated with respect, urgency, and action. The management of obesity should follow a continuum of coordinated care. In this session, presenters will explore the role of the pharmacist in the management of obesity as a chronic disease with a focus on the use of pharmacological treatments as adjuncts to lifestyle interventions.

Speaker(s): Seena Haines, PharmD, BCACP, FAPhA, FASHP, BC-ADM, CDE, University of Mississippi School of Pharmacy; Michael Kane, PharmD, BCPS, BCACP, FCCP, FAPhA, FASHP, AAHIVP, University of California School of Pharmacy

Community Pharmacies: Thriving in a Pay-for-Performance World

Activity Type: Knowledge-based
Level 2
7:30 am–9:30 am
Convention Center, Room 327/328/329
ACPE# 0202-0000-16-018-L04-P • 0.2 CEUs (2 Credit Hours)

You deliver the five rights: right drug, right patient, right dose, right route, and right frequency. You help control costs. But as a manager in a community pharmacy today, you need to do even more, such as implement new initiatives and adapt practices to succeed in the changing health care environment. Learn strategies that work for implementing new quality-based initiatives in your practice and engaging with marketplace incentive programs.

Speaker(s): Tripp Logan, PharmD, Logan & Seiler, Inc.; Joseph Moore, PharmD, Moose Professional Pharmacy

Supply Problem: Session I

Activity Type: Application-based
Level 2
7:30 am–9:30 am
Convention Center, Room 324/325/326
ACPE# 0202-0000-16-059-L04-P • 0.2 CEUs (2 Credit Hours)

Patients worldwide need radioisotopes, but the supply chain is complex and less than reliable. Government agencies are collaborating to predict shortages of radiopharmaceuticals, such as molybdenum-99 (Mo99), and are working with international interests in moving forward with non–highly enriched uranium Mo99. What’s the status? Find out in this session.


PHARMACY MANAGEMENT AND PROFESSIONAL LEADERSHIP

DEA Update 2015

Activity Type: Knowledge-based
Level 1
7:30 am–9:30 am
Convention Center, Room 324/325/326
ACPE# 0202-0000-16-022-L03-T • 0.2 CEUs (2 Credit Hours)

New regulations and activities in the U.S. Drug Enforcement Administration have an important influence on pharmacy practice. This session will bring pharmacists up to date on their role in helping to curb the problem of prescription drug abuse, identifying common “red flags” regarding errant prescribing, and recognizing forgeries and recipient drug-seeking behavior, as well as details regarding
the rescheduling of hydrocodone and much more.

Speaker(s): Ruth Carter, Drug Enforcement Administration
Supported by the Pharmacy Technician Certification Board.

CLINICAL PATIENT CARE AND SERVICES

HeartSaver CPR
Activity Type: Application-based
8:00 am–12:00 pm
Convention Center, Room 318/319/320
This course is for health care professionals who need to know how to perform CPR, as well as other lifesaving skills, in a wide variety of in-hospital and out-of-hospital settings.
- Key changes in basic life support, reflecting the new science from the 2010 American Heart Association Guidelines for Cardiopulmonary Resuscitation and Emergency Cardiovascular Care
- Critical concepts of high-quality CPR
- The American Heart Association Chain of Survival
- 1-Rescuer/2-Rescuer CPR and AED for adult, child and infant
- Differences between adult, child and infant rescue techniques
- Bag-mask techniques for adult, child and infant
- Rescue breathing for adult, child and infant
- Relief of choking for adult, child and infant
- CPR with an advanced airway
Speaker(s): Brian Leonard, Cardio Partner Resources
(Ticket required: $50)

NUTRITION PHARMACY

Understanding the Radiopharmaceutical Drug Supply Problem: Session II
Activity Type: Knowledge-based
Level 2
10:00 am–12:00 pm
Convention Center, Room 340
ACPE# 0202-0000-16-0601-P • 0.2 CEUs (2 Credit Hours)
What's being done at the federal level to ensure patient needs are met, now and in the future, with a reliable supply of radiopharmaceuticals? Building on Understanding the Radiopharmaceutical Drug Supply Problem: Session I, this presentation will provide updates on the progress regarding radiopharmaceutical supply, payment options, and more, particularly focusing on technetium-99m (Tc99m).
Speaker(s): Eric Duffy, Food and Drug Administration, Steve Lynch, U.S. Nuclear Regulatory Commission; Daniel Duvall, CMS

CLINICAL PATIENT CARE AND SERVICES

Diabetes Update 2016
Activity Type: Knowledge-based
Level 2
10:00 am–12:00 pm
Convention Center, Room 321/322/323
ACPE# 0202-0000-16-023101-P • 0.2 CEUs (2 Credit Hours)

How we care for patients with diabetes is changing—fast. Pharmacists need to stay up to speed with the latest guidelines, antidiabetic agents, and treatment strategies. This session, led by experts in diabetes care, will keep you current with the newest information available.

Speaker(s): Jennifer Smith, PharmD, CPP, BCADM, CDE, Campbell University; Staci-Marie Norman, PharmD, CDE, Martin’s Pharmacy
Supported by independent educational grants from Novo Nordisk Inc. and Merck & Co., Inc.

HEALTH-SYSTEM PHARMACY

INTEGRATING SCIENCE INTO PRACTICE

PHARMACY MANAGEMENT AND PROFESSIONAL LEADERSHIP

Penicillin Allergy: A Rare Case Demanding Special Attention
Activity Type: Application-based
Level 2
10:00 am–12:00 pm
Convention Center, Room 336
ACPE# 0202-9999-16-0701-P • 0.2 CEUs (2 Credit Hours)
Patients allergic to penicillin present with questions: How much should their allergy dictate antibiotic choice? What are the medical consequences of avoiding beta-lactams—or the legal repercussions of prescribing them? Review the evidence to get answers for improving outcomes and minimizing treatments that potentially could be considered negligent.

Speaker(s): Meghan Jeffres, PharmD, University of Colorado Skaggs School of Pharmacy; Elizabeth Hall-Lipsy, JD, MPH, University of Arizona College of Pharmacy
Developed in partnership with the Society for Infectious Diseases Pharmacists.

CLINICAL PATIENT CARE AND SERVICES

Complex Cases in Neurology: The Essentials You Need to Know
Activity Type: Application-based
Level 2
10:00 am–12:00 pm
Convention Center, Room 337/338
ACPE# 0202-0000-16-019101-P • 0.2 CEUs (2 Credit Hours)
Many patients and caregivers question the value of medication therapies for neurological diseases, because these agents do not offer outpatient treatment options. These innovative treatments will require pharmacists in community and ambulatory care settings to be more active in managing patients’ medication needs. Learn more about your role in supporting patient adherence and ensuring the most benefit from oral oncologic medication therapy.

Speaker(s): Megan Brafford May, PharmD, BCOP, Baptist Health Lexington; Bradi Frei, PharmD, BCPS, BCOP, University of Florida

Supported by independent educational grants from Novo Nordisk Inc. and Merck & Co., Inc.
Electronic cigarettes (e-cigarettes) have been promoted by their manufacturers as a cleaner and safer alternative to traditional tobacco products. Their use has flourished since being introduced in 2007 with one in five conventional cigarette smokers trying e-cigarettes. After years on the market with little regulation, many questions have arisen regarding their safety and efficacy. Studies show that teenagers are likely to experiment with e-cigarettes due to lack of age restrictions. Furthermore, the comparative safety of the vapor produced by the devices is still unknown. This session is designed to provide a review of e-cigarette components, vapor blending, regulatory and professional issues, and safety. Speakers will discuss public health implications of e-cigarettes and will debate the role of these products as alternatives to conventional cigarettes and smoking cessation aids.

Speaker(s): Karen Hudmon, DrPH, MS, RPh, Purdue University College of Pharmacy; Robin Corelli, PharmD, University of California, San Francisco

Supported by the Pharmacy Technician Certification Board.
with these patient care activities need to receive Occupational Safety and Health Administration (OSHA) training on an annual basis and must adhere to the Bloodborne Pathogens Standard. Learn what you must do to reduce the risk of exposure to bloodborne pathogens such as HIV, hepatitis B virus, and hepatitis C virus. This session is designed to meet the OSHA training requirements. Attendees will learn how to recognize bloodborne pathogens hazards, how to minimize exposure risk, the proper post-exposure response, and how to comply with the Bloodborne Pathogens Standard.

Speaker(s): Stephan Foster, PharmD, FAPhA, University of Tennessee College of Pharmacy

Supported by the Pharmacy Technician Certification Board.

CLINICAL PATIENT CARE AND SERVICES

What’s the Skinny? Can Dietary Supplements Treat Acute Conditions?

Activity Type: Application-based
Level 2
1:00 pm–3:00 pm
Convention Center, Room 316
ACPE# 0202-0000-16-063404-P • 0.2 CEUs (2 Credit Hours)

Nearly 40% of adults in the United States use some form of dietary supplements. How confident are you in talking about or recommending these products? Learn best practices and emerging trends to educate your patients on safely using supplements for managing acute conditions, including the common cold, cough, dermatological conditions, headaches, and sleep disturbance.

Speaker(s): Bella Mehta, PharmD, FAPhA, The Ohio State University College of Pharmacy; Katherine Orr, PharmD, University of Rhode Island, College of Pharmacy

Smoothing the Path Home: Managing Transitions of Care for Patients With Acute Coronary Syndrome

Activity Type: Application-based
Level 2
1:00 pm–3:00 pm
Convention Center, Room 321/322/323
ACPE# 0202-0000-16-073401-P • 0.2 CEUs (2 Credit Hours)

Acute coronary syndrome (ACS) encompasses several serious conditions: ST-segment elevation myocardial infarction, non-ST-segment elevation myocardial infarction, and unstable angina. Characterized by ruptured coronary plaque, ischemic stress, and/or myocardial injury, ACS affects more than 1 million Americans each year and often requires the administration of many different therapeutic agents. As part of the health care team, pharmacists can help reduce potential or active adverse events with these increasingly complex medication regimens. Attendees will learn from the experts how to optimize ACS treatment through each transition of care.

Speaker(s): Karen McConnell, PharmD, FCCP, BCPS-AQ Cardiology, Cardinal Health; Paul Dobesh, PharmD, University of Nebraska Medical Center College of Pharmacy

PHARMACY LAW AND REGULATIONS

Advancing the Pharmacist’s Role: Will Provider Status Fix Everything?

Activity Type: Knowledge-based
Level 2
1:00 pm–3:00 pm
Convention Center, Room 327/328/329
ACPE# 0202-9999-16-004404-P • 0.2 CEUs (2 Credit Hours)

Policy makers and payers are increasingly recognizing the valuable role of pharmacists in today’s health care system. The ongoing need to improve patients’ access to care may expand this role and further pharmacists’ ability to achieve a new status as providers. This session will describe the federal and state legislative and regulatory efforts for achieving provider status as well as promoting and covering pharmacists’ patient care services. Presenters will discuss legal implications resulting from an expanded role of the pharmacist, including requirements associated with Medicare payment and increased liability associated with expanded scope of practice.

Speaker(s): Jeffrey Rochon, PharmD, Washington State Pharmacy Association; Mark Buczko, Affinity Insurance Services Healthcare

Cosponsored by the American Society for Pharmacy Law.
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