

Program Description and Objectives



The Washington State Pharmacy Association is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education.

Friday, November 6, 2009

Antimicrobial Stewardship

Faculty: Neil Massoud, Pharm.D., MBA, FCCP, Clinical Coordinator, St. Joseph Hospital

ACPE # 0130-0000-09-077-L04 P&T | Conflict of Interest- None

Friday November 6, 7:30-9 am | .150 CEU's | Activity Type: Knowledge | Room: Chinook 1

Target Audience: Community Ambulatory, Health Systems, Long Term Care, Technicians, Student Pharmacists

At the completion of this program, the participant will be able to: For Pharmacist

- Describe at least 6 internet resources, which will be helpful for the following:
 - Comparative data within their respective class
 - Evidence based information
 - Resource tools
 - The CDC – 12 Steps to Prevent Antimicrobial Resistance
- Describe at least 3 software resource programs, specifically related to Antimicrobial Stewardship – The role of automation and off the shelf programs.
- The participant will be able to describe methods / tools / requirements, for starting a program.
 - Phase I – Initiating a program
 - Phase II – Extending the program
 - Phase III – Publication ready
- Describe Proper measurement tools, and identify sources of data to calculate volume of antimicrobial use.
- List various intervention strategies and their potential to change prescribing behavior.
- Describe the pros and cons of benchmarking antimicrobial data.
- List at least two references for antimicrobial stewardship certification.

At the completion of this program, the participant will be able to: For Technician

- Describe at least 6 internet resources, which will be helpful for the following:
 - Comparative data within their respective class
 - Evidence based information
 - Resource tools
 - The CDC – 12 Steps to Prevent Antimicrobial Resistance
- Describe at least 3 software resource programs, specifically related to Antimicrobial Stewardship – The role of automation and off the shelf programs.
- List at least two references for antimicrobial stewardship certification.

Within the past three years there has been a flurry of information / publications related to Antimicrobial Stewardship. The intent of this presentation is to provide a condensed resource related to this topic (i.e., "Cliff Notes").

Roundtable on the Pharmacists Role in Emergency Planning Pandemic Flu

Faculty: Jenny Arnold, Pharm.D., Director of Pharmacy Practice Development, Washington State Pharmacy Association;

Andy Stergachis, Ph.D., R.Ph., Professor of Epidemiology and Global Health and Adjunct Professor of Pharmacy,

University of Washington; Michael Loehr, MRP, CBCP, Preparedness Director, Public Health; and Colleen Terriff,

Pharm.D., BCPS (AQ-ID), Clinical Associate Professor, WSU College of Pharmacy

ACPE # 0130-0000-09-079-L04 P&T | Conflict of Interest- Jenny Arnold- None; Colleen Terriff- speaker bureau Dey pharmaceuticals, Michael Loehr-None, Andy Stergachis- None

Friday November 6, 7:30-9 am | .150 CEU's | Activity Type: Knowledge | Room: Chinook 2

Target Audience: Community Ambulatory, Health Systems, Long Term Care, Technicians, Student Pharmacists

At the completion of this program, the participant will be able to: For Pharmacist and Technician

- Understand the characteristics of an influenza outbreak
- Identify influenza illness & cases needing referral
- Prescribe antiviral medications for treatment and prophylaxis
- Advise proper self-care & preventative measures
- Understand the pharmacist's role in an outbreak

Evidence Based Medicine: How can I apply these principles in my practice?

Faculty: Danial Baker, Pharm.D., FASHP, FASCP, Professor of Pharmacotherapy, College of Pharmacy, Washington State University

ACPE # 0130-0000-09-059-L04 P&T | Conflict of Interest Medco Health Solutions and Accredo

Friday November 6, 7:30-9 am | .150 CEU's | Activity Type: Application | Room: Chinook 3

Target Audience: Community Ambulatory, Health Systems, Long Term Care, Technicians, Student Pharmacists

At the completion of this program, the participant will be able to: For Pharmacist

- Describe what evidence based medicine means to another health care professional
- Apply the principles of evidence based medicine to sample case studies
- Decide if a new therapy offers any advantages over an older therapy using these principles

At the completion of this program, the participant will be able to: For Technician

- Describe what evidence based medicine means to another health care professional
- Apply the principles of evidence based medicine to sample case studies
- List advantages of using evidence based medicine principles

Evidence based medicine is a term that gets used a lot; but what is it and how do I apply this to my practice? At the end of this program you will be able to explain this concept and apply some of the principles learned to several case studies that will be discussed by the group.

General Session: Pharmacy Robberies and Prescription Drug Abuse

Faculty: Washington State Atty. Gen. Rob McKenna; Estevan Sanchez, DEA Investigator, Seattle Division; Stephen Thomas, Walgreens Loss Prevention Supervisor; Grant Chester, Washington State Board of Pharmacy Chief Investigator

ACPE # 0130-0000-09-076-L05 P&T | Conflict of Interest- None

Friday November 6, 9:10-10:40 am | .150 CEU's | Activity Type: Knowledge | Room: Chinook 1, 2 & 3

Target Audience: Community Ambulatory, Health Systems, Long Term Care, Technicians, Student Pharmacists

At the completion of this program, the participant will be able to: For Pharmacist and Technician

- Advocate for the need of prescription monitoring
- Identify local safe disposal methods for expired medications
- Recognize over-the-counter dangers of abuse
- Advocate raising the alarm level in communities regarding prescription abuse
- Recognize the importance of partnerships with law enforcement and other health care professions

In this session participants will hear about pharmacy robberies and prescription drug abuse in Washington State. Strategies for decreasing these issues will be discussed.

Pearls for Medication Regimen Evaluation

Faculty: Brain Gates, Pharm.D., Clinical Associate Professor, Washington State University College of Pharmacy

ACPE # 0130-0000-09-081-L04 P&T | Conflict of Interest- Pfizer and Aventis

Friday November 6, 10:50-12:20 pm | .150 CEU's | Activity Type: Application | Room: Chinook 1

Target Audience: Community Ambulatory, Health Systems, Long Term Care, Technicians, Student Pharmacists

At the completion of this program, the participant will be able to: For Pharmacist

- Describe limitations of using the Beers or other criteria to determine if a medication is inappropriate
- Identify methods to determine if a medication is indeed appropriate
- Provide appropriate suggestions for dealing with common medication review issues

At the completion of this program, the participant will be able to: For Technician

- Identify questions that may be helpful for a pharmacist to know when evaluating medications or answering questions
- Know key pieces of information that can help a pharmacist to evaluate a drug interaction
- Know common signs that may indicate a problem with a medication

This is an interactive program designed to discuss challenges and potential pitfalls when conducting a medication review. The goal is to provide attendees with information to better determine if medications are inappropriate and ways to help improve communication with other providers when a problem is identified.

Prevention of Abuse and Deaths Due to Prescription Opioids

Faculty: Phyllis Coolen, RN, MN, Manager, Patient Review and Coordination, Department of Social Health Services; Shea Wilson, R.Ph., Director of Pharmacy Services, Molina Healthcare of Washington; Scott Best, Clinical Nurse Advisor DSHS/HRSA/DHS/Patient Review and Coordination (PRC)

ACPE # 0130-0000-09-074-L04 P&T | Conflict of Interest- None

Friday November 6, 10:50-12:20 pm | .150 CEU's | Activity Type: Knowledge | Room: Chinook 2

Target Audience: Community Ambulatory, Health Systems, Long Term Care, Technicians, Student Pharmacists

At the completion of this program, the participant will be able to: For Pharmacist and Technician

- Increase knowledge and skills regarding Washington State Medicaid's efforts and impact on the prevention of abuse and deaths due to prescription opioids
- Clarify the role insurance companies play in coordinating the excessive use of prescription narcotics and identify resources for pharmacists and technicians to assist with this growing public health concern
- Discuss mortality data in Washington state related to opioid abuse

In 2007, 53% of Washington State's unintentional deaths due to prescription opioids were Medicaid clients. The Health and Recovery Services Administration has two Medicaid programs, the Patient Review and Coordination (PRC) program and the Narcotic Review + program which focus on the prevention of inappropriate use of health care services, particularly the abuse of opioids. Participants will learn about the use of client restriction to certain providers and prior authorization requirements, as strategies the state uses to tackle this very complex issue. In addition to reviewing some facts and statistics about prescription drug abuse by Medicaid clients, information will be provided on the role everyone has in prevention efforts. Molina Healthcare, a Medicaid managed care organization, has deployed various forms of data analytics to identify members who visit multiple providers for narcotics and providers who demonstrate excessive narcotic prescribing behaviors. Participants will also learn how care coordination and pharmacy benefit management resources can assist pharmacists in identifying and managing the excessive use of these healthcare services.

Effective Precepting: Integrating Adult Learning Strategies into Introductory Pharmacy Practice Experience

Faculty: Jennifer Danielson, Pharm.D., MBA, CDE, Associate Director for Experiential Education and Clinical Assistant Professor, University of Washington School of Pharmacy and Terri O'Sullivan, Pharm.D., BCPS, Lecturer, Department of Pharmacy, Director, Experiential Education

ACPE # 0130-0000-09-062-L04 P&T | Conflict of Interest- Jennifer Danielson- Medco and EMC Paradison Publisher; Terri O'Sullivan-None

Friday November 6, 10:50-12:20 pm | .150 CEU's | Activity Type: Knowledge | Room: Chinook 3

Target Audience: Community Ambulatory, Health Systems, Long Term Care, Technicians, Student Pharmacists

At the completion of this program, the participant will be able to:

- Differentiate early and advanced practice experiences in the pharmacy curriculum
- Identify preceptor goals for precepting practicums
- Distinguish different theories about how students learn
- Identify precepting strategies to use for students early in the pharmacy curriculum

Comparative Effectiveness and the Assessment of Pharmaceuticals

Faculty: Sean Sullivan, BSP Pharm., Ph.D., Professor, University of Washington

ACPE # 0130-0000-09-058-L04 P&T | Conflict of Interest- None

Friday November 6, 1:20-2:50 pm | .150 CEU's | Activity Type: Knowledge | Room: Chinook 1

Target Audience: Community Ambulatory, Health Systems, Long Term Care, Technicians, Student Pharmacists

At the completion of this program, the participant will be able to: For Pharmacist and Technician

- Discuss comparative effectiveness research and technology assessment
- Articulate the intent of the comparative effectiveness component of the health care reform legislation
- Describe the role of resource allocation and explicit rationing of health care in the US

Dr. Sullivan, a leading international expert on technology assessment policy, will conduct a forum on comparative effectiveness and health policy legislation in the US. He will discuss whether rationing care is necessary in the US and the role of evidence-based medicine and resource allocation.

Chemical Dependency and the Pharmacy Profession, WRAPP- Washington Recovery Assistance Program for Pharmacy

Faculty: Michaelene Kedzierski, R.Ph., CDP, Clinical Professor, University of Washington School of Pharmacy, Former Chair and Current Consultant - WRAPP Advisory Board; Leon Alzola, RPh, Director of Pharmacy Operations, Fred Meyer, President, WRAPP Advisory Board; William Rhodes, MSW, CDP, MHP, WRAPP Program Manager

ACPE # 0130-0000-09-075-L05 P&T | Conflict of Interest- None

Friday November 6, 1:20-2:50 pm | .150 CEU's | Activity Type: Application | Room: Chinook 2

Target Audience: Community Ambulatory, Health Systems, Long Term Care, Technicians, Student Pharmacists

At the completion of this program, the participant will be able to: For Pharmacist and Technician

- Consider both legal and ethical responsibility with regard to reporting suspected drug diversion and suspected impairment.
- Develop a working awareness of the history, philosophy, and legal basis for the advocacy work of WRAPP in providing support and recovery assistance to pharmacy professionals whose ability to practice pharmacy with judgment, skill, competency and safety to the public may be impaired due to chemical dependence on alcohol or other drugs, emotional illness, the aging process or loss of memory and motor skills.
- Identify the role that you personally can play and the actions you will take to promote awareness of the recovery services of WRAPP.

Participants will develop an understanding of the Impaired Pharmacist Rehabilitation Rule and the WRAPP Referral and Monitoring Process. Through consideration of a case study, participants will examine their legal and ethical responsibilities with regard to reporting suspected drug diversion and suspected impairment and consider enabling behaviors in the workplace. Following completion of this presentation, participants will have adequate information to actively promote advocacy for pharmacy professionals in Washington State.

Care Considerations for the Older Patient with Type 2 Diabetes

Faculty: Lindy Wood, Pharm.D., Resident in Geriatrics, Washington State University and Joshua Neumiller, Pharm.D., CDE, CGP, FASCP, Assistant Professor, Washington State University

ACPE # 0130-0000-09-065-L01 P&T | Conflict of Interest: Lindy Wood-None, Joshua Neumiller- Merck and Novartis

Friday November 6, 1:20-2:50 pm | .150 CEU's | Activity Type: Knowledge | Room: Chinook 3

Target Audience: Community Ambulatory, Health Systems, Long Term Care, Technicians, Student Pharmacists

At the completion of this program, the participant will be able to: For Pharmacist

- Define type 2 diabetes mellitus, discuss the role of treatment guidelines in relation to older adults, and discuss the challenges of managing type 2 diabetes in the geriatric population
- Discuss care considerations for currently approved anti-diabetic medications in the treatment of the older adult with type 2 diabetes
- Utilize clinical scenarios and case vignettes to outline pearls and common pitfalls in the management of type 2 diabetes in older adults

At the completion of this program, the participant will be able to: For Technician

- Define type 2 diabetes mellitus
- Identify currently approved anti-diabetic medications for treatment of type 2 diabetes in the geriatric population
- Recognize common pitfalls in the management of type 2 diabetes in older adults

This program will focus on the management and use of anti-diabetic medications in older adults with type 2 diabetes. The speakers will discuss the limitations of treatment guidelines and algorithms in the management of older adults, and will discuss common challenges and strategies in regard to managing patients 65 years of age and older with type 2 diabetes.

The Escalating Role of EGFR Inhibitor Therapy: Pharmacy Considerations for Optimizing Outcomes

Faculty: Indu Lew, Pharm D., Corporate Vice President, Pharmacy Education and Research, Saint Barnabas Health Care System

ACPE #: 0816-9999-09-019-L01 P | Conflict of Interest- None

Friday November 6, 3-4 pm | .100 CEU's | Activity Type: Knowledge | Room: Chinook 1

Target Audience: Community Ambulatory, Health Systems, Long Term Care, Technicians, Student Pharmacists

At the completion of this program, the participant will be able to:

- Assess the role of molecularly targeted agents in the management of patients with a variety of tumor types
- Understand the manifestation of anti-EGFR side effects in order to improve patients' quality of life, optimize adherence, and improve patients' outcomes.
- Evaluate current treatment strategies for preventing and managing side effects of targeted therapies by applying information and recommendations that are supported by the latest evidence-based research and current guidelines to ensure optimal patient care
- Identify administration considerations for current treatment regimens; dosage, frequency, side effects, potential drug-drug interactions, supportive care options, associated lab tests for tolerability assessment
- Summarize phase III clinical data from trials exploring the efficacy of molecularly targeted agents in a variety of solid tumors

Medical Education Resources is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. Medical Education Resources designates this continuing education activity for 1.0 contact hours (0.10CEUs) of the Accreditation Council for Pharmacy Education. Release Date: 9/01/09 Expiration Date: 9/01/10



Medical Education Resources will issue the statement of credits. Participants will be required to sign in at the start of the program and complete a program evaluation form. Statements of credit will be mailed within four weeks of receipt of appropriate documentation of course completion. There is no fee to participate in this activity. This program is made possible by an educational grant from Genentech, Bristol Meyer Squibb and ImClone Systems, Inc., a wholly owned subsidiary of Eli Lilly and Company.

The Next Generation of Pain Medications

Faculty: Cris DuVall, BA, MS, Pharm.D., Director of Continuing Professional Development, Washington State Pharmacy Association

ACPE #0130-0000-09-064-L04 P&T | Conflict of Interest- None

Friday November 6, 3-4 pm | .100 CEU's | Activity Type: Knowledge | Room: Chinook 2

Target Audience: Community Ambulatory, Health Systems, Long Term Care, Technicians, Student Pharmacists

At the completion of this program, the participant will be able to: For Pharmacist

- Review pain medications approved by the FDA in the last year
- Compare the new medications to those already on the market and identify their role in therapy
- Discuss the use of morphine equivalents for transitioning among opioids to individualize pain management

At the completion of this program, the participant will be able to: For Technician

- Review pain medications approved by the FDA in the last year
- Compare the new medications to those already on the market
- Discuss the use of morphine equivalents for transitioning among opioids

Manufacturers' efforts to curb opioid abuse have given rise to new drug formulations. Where do they fit into the existing cadre of choices? How does one safely convert from one opioid to another? In this session we will explore the answer to these questions and more.

Antipsychotic Update: Separating Reality from Fantasy

Faculty: Brandy Singer, R.Ph., BCPP, Pharmacist, 1st Avenue Pharmacy

ACPE # 0130-0000-09-066-L01 P&T | Conflict of Interest- None

"Supported by an educational grant from Janssen, Division of Ortho-McNeil-Janssen Pharmaceuticals, Inc., administered by Ortho-McNeil Janssen Scientific Affairs, LLC".

Friday November 6, 3-4 pm | .100 CEU's | Activity Type: Knowledge | Room: Chinook 3

Target Audience: Community Ambulatory, Health Systems, Long Term Care, Technicians, Student Pharmacists

At the completion of this program, the participant will be able to: For Pharmacist

- Provide education to patients and healthcare providers regarding uses and monitoring of antipsychotic medications
- Review patient medication profiles that contain antipsychotic medications to determine potential drug-drug interactions and/or adverse effects
- Apply knowledge of upcoming antipsychotic medications to guide patients and practitioners to appropriate use in the future

At the completion of this program, the participant will be able to: For Technicians

- Recognize symptoms of mental illnesses that are treated with antipsychotic medications
- Name 3 major adverse effects with antipsychotic medications
- List advantages and disadvantages of oral and injection formulations of antipsychotic medications

Help take the mystery out of antipsychotic medications for your patients. A brief review and update of the use of antipsychotic medications will be discussed. Hear about new medications available soon.

Saturday, November 7, 2009

The Prevention and Management of Febrile Neutropenia in Oncology Patients

Faculty: Michael Berger, Pharm.D., BCOP, Specialty Practice Pharmacist, The Arthur G. James Cancer Hospital and Richard J. Solove Research Institute, The Ohio State University Medical Center

ACPE # 204-000-09-427-L01P | Conflict of Interest- None

Saturday November 7, 8-9 am | .100 CEU's | Activity Type: Knowledge | Room: Chinook 1

Target Audience: Community Ambulatory, Health Systems, Long Term Care, Student Pharmacists

At the completion of this program, the participant will be able to: For Pharmacist

- Summarize national guidelines for risk assessment and prevention of febrile neutropenia.
- Given patient case information, evaluate the patient's risk for developing febrile neutropenia.
- Given patient case information, recommend a prophylactic drug regimen to prevent febrile neutropenia.
- Describe treatment options for a patient who develops febrile neutropenia.

Patients with cancer face many challenges associated with their disease and treatment. One potential complication is febrile neutropenia, which has a negative impact on patient outcomes and may even result in death. Febrile neutropenia remains a significant complication in oncology patients despite the availability of national guidelines for its prevention and treatment. This activity will focus on preventing and managing febrile neutropenia. Using patient case examples, the faculty will engage participants in the clinical decision-making process involved when assessing a patient's risk of febrile neutropenia, developing a prophylaxis strategy, and managing febrile neutropenia when it occurs.



The American Society of Health-System Pharmacists is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. This activity provides 1 hour (0.1 CEU) of continuing pharmacy education credit (program number 204-000-09-427-L01P).

Statement of Credit is issued by ASHP. Attendees must complete a Continuing Pharmacy Education Request online and may immediately print their official CPE statements at the ASHP Learning Center at <http://ce.ashp.org>.

Planned and conducted by ASHP Advantage. Supported by an educational grant from Amgen

Review of Antiretroviral Drugs

Faculty: Evan Clemens, Pharm.D., Pharmacy Practice Resident, University of Washington Medical Center/Harborview Medical Center

ACPE # 0130-0000-09-080-L01 P&T | Conflict of Interest- None

Saturday November 7, 8-9:30 am | .150 CEU's | Activity Type: Knowledge | Room: Chinook 2

Target Audience: Community Ambulatory, Health Systems, Long Term Care, Technicians, Student Pharmacists

At the completion of this program, the participant will be able to: For Pharmacist

- Review the mechanism of action, side effects, and place in therapy of antiretroviral drugs
- Identify relevant drug-drug interactions with antiretroviral drugs
- Discuss primary HIV infection and list some of its signs/symptoms

At the completion of this program, the participant will be able to: For Technician

- Review formulations and brand names of antiretroviral drugs
- Recognize the components of a complete antiretroviral drug regimen
- Discuss primary HIV infection and list some of its signs/symptoms

This program will review antiretroviral drugs focusing on first line and newer agents. This talk will discuss mechanism of action, side effects, and place in therapy for each antiretroviral drug class. The speaker will also review relevant drug interactions, the role of adherence, and primary HIV infection.

Technician Academy

Faculty: Moderators: Erik Broderson, CPhT, Technician, Fairchild AFB; Charleen Daniel, Technician, Sixth Avenue Medical Pharmacy

ACPE # 0130-0000-09-070-L04 T | Conflict of Interest- None

Saturday November 7, 8-9:30 am | .150 CEU's | Activity Type: Application | Room: Chinook 3

Target Audience: Technicians, Students

At the completion of this program, the participant will be able to: For Technicians

- Recognize Updates on current activities and goals of the Technician Academy.
- Discuss and develop strategies for meeting professional needs of pharmacists and technicians.
- Review approaches for increasing participation in the Technician Academy

This CE program is designed to target the needs of technicians working in a variety of pharmacy settings. We will discuss how insurance audits are affecting pharmacy practice in general as well as items to watch for to prevent audits and charge-backs. We will also discuss "social networking" using modern day technology. Topics may also include discussion on Pharmacy Technician roles and responsibilities in the hospital, clinic and retail environment. Participants will be encouraged to contribute their thoughts in this active program.

Topical Thrombins in Surgical Hemostasis

Faculty: Terri Levien, Pharm.D., Clinical Associate Professor, Washington State University College of Pharmacy

ACPE #0130-0000-09-063-L01 P&T | Conflict of Interest- None | Sponsored: ZymoGenetics

Saturday November 7, 9:40-11:10 am | .150 CEU's | Activity Type: Knowledge | Room: Chinook 1

Target Audience: Community Ambulatory, Health Systems, Long Term Care, Technicians, Student Pharmacists

At the completion of this program, the participant will be able to: For Pharmacist

- Describe the pharmacology and role of topical thrombins in surgical hemostasis
- Differentiate between the available thrombin products with regard to their manufacturing process and potential safety
- Evaluate thrombin products for formulary inclusion

At the completion of this program, the participant will be able to: For Technicians

- Describe the role of topical thrombin in surgical hemostasis
- Differentiate between the available thrombin products with regard to their manufacturing process and potential safety
- Compare thrombin products with regard to storage, dosage preparation, and pricing

This program will review the role of topical thrombin in surgical hemostasis. The available topical thrombin products will be compared, highlighting the differences between the agents and their potential clinical relevance.

Achieving the Future Vision of Pharmacy Practice from the Ground Up: Understanding Technician Education and Certification

Faculty: Jennifer Danielson, Pharm.D., MBA, CDE, Associate Director for Experiential Education and Clinical Assistant Professor, University of Washington School of Pharmacy

ACPE #0130-0000-09-061-L04 P&T | Conflict of Interest- Medco and EMC Paradison Publisher

Saturday November 7, 9:40-11:10 am | .150 CEU's | Activity Type: Knowledge | Room: Chinook 2

Target Audience: Community Ambulatory, Health Systems, Long Term Care, Technicians, Student Pharmacists

At the completion of this program, the participant will be able to: For Pharmacist

- Distinguish differences between training, education, registration, and certification of pharmacy technicians
- Summarize current movements and future trends in pharmacy technician education
- Describe the role of accreditation and certification in standardizing pharmacy technician training and education
- List similarities and differences in technician and pharmacist education with regard to accreditation standards and curricular outcomes
- Relate ways in which standardized pharmacy technician education and certification can enhance delivery of patient care in pharmacy

At the completion of this program, the participant will be able to: For Technician

- Distinguish differences between training, education, and certification of pharmacy technicians
- Summarize current movements and future trends in pharmacy technician education
- Describe the role of accreditation and certification in standardizing pharmacy technician training and education
- List similarities and differences in technician and pharmacist education with regard to accreditation standards and curricular outcomes
- Relate ways in which standardized pharmacy technician education and certification can enhance delivery of patient care in pharmacy

As pharmacists we know what the law allows pharmacy technicians to do, but do we really understand what their training and education consists of and how it is changing? If pharmacists are to achieve the future vision for practice that includes:

- medication therapy management
- safe, accurate, and efficient access to and use of medications
- services that promote wellness and disease prevention,

The profession must embrace the potential embodied in well-educated pharmacy technicians. As pharmacists become accountable for medication therapy outcomes for patients, technicians will become more integral to and accountable for safe and efficient medication distribution. As such, standards for technician education and certification must be recognized and enforced. This program will provide both pharmacists and technicians an overview of the current and future state of pharmacy technician education and certification. Differences in technician training programs and certifications will be covered. The role for educational standards and accreditation will be explained as it supports development of technicians capable of greater contributions to patient care. Pharmacists are encouraged to attend to gain greater understanding of how movement toward standardized technician education and certification will benefit the entire profession's goals as well as learn where educational collaboration can achieve win-win opportunities.

Long Term Care Academy

Moderator: Brian Beach, Pharm.D., FACA, Vice-President, Kelley-Ross Long Term Care

ACPE # 0130-0000-09-067-L04 P&T | Conflict of Interest- None

Saturday November 7, 9:40-11:10 am | .150 CEU's | Activity Type: Application | Room: Chinook 3

Target Audience: Long Term Care Pharmacist, Technicians, Students

At the completion of this program, the participant will be able to: For Pharmacist and Technicians

- Discuss current trends in pharmacy practice
- Propose and discuss specific issues and needs pertaining to your practice setting
- Discuss new home care requirements regarding OASIS documentation for tracking outcomes of care
- Update on state and federal legislative/regulatory issues pertaining to pharmacy
- Discuss strategies to reinforce more patient-centric mission for our profession

This CE program is designed to target the needs of pharmacists, technicians and interns working in specific pharmacy settings. We will discuss the current issues affecting pharmacy practice in general throughout Washington State as well as how these issues relate to this practice setting. We will discuss Medication Therapy Management implementation and reimbursement models including NPI, and billing codes, pharmacists/pharmacy professional responsibility rules, potential legislation, and the movement toward a more patient-centric mission for our profession. The second part of the meeting will be the ASCP Chapter meeting. Tim Fuller will be speaking regarding current issues in LTC from a Board and Investigator standpoint. Participants will be encouraged to contribute their thoughts in this active program.

Health System Academy

Moderator: Carol Vanevehoven, Pharm.D., Clinical Pharmacy Specialist, Yakima Valley Memorial
ACPE # 0130-0000-09-068-L04 P&T | Conflict of Interest- None
Saturday November 7, 11:20-12:50 pm | .150 CEU's | Activity Type: Application | Room: Chinook 1
Target Audience: Health Systems Pharmacist, Technicians, Students

At the completion of this program, the participant will be able to: For Pharmacist and Technician

- Recognize updates on current activities and goals of the Health Systems Academy
- Discuss and develop strategies for meeting professional needs of health-systems pharmacists and technicians
- Review approaches for increasing participation in the HSA
- Provide information about current health care issues and their impact on health systems pharmacy

The Health-Systems Academy general meeting will provide a forum for exchange of information regarding issues pertinent to health-systems practice including clinical, professional and legislative topics.

Aging: Can You Slow Down the Process?

Faculty: Neil Massoud, Pharm.D., MBA, FCCP, Clinical Coordinator, St. Joseph Hospital

ACPE # 0130-0000-09-078-L04 P&T | Conflict of Interest- None

Saturday November 7, 11:20-12:50 pm | .150 CEU's | Activity Type: Knowledge | Room: Chinook 2

Target Audience: Community Ambulatory, Health Systems, Long Term Care, Technicians, Student Pharmacists

At the completion of this program, the participant will be able to: For Pharmacist and Technician

- Describe the effects of Resveratrol, DHEA, Coenzyme Q10 as to their effects on aging
- Describe at least 3 vendors for various products, which have been certified to be quality products and the resource for testing of supplement.
- Describe at least 5 general medical principals for slowing down the aging process.
- List at least 3 Internet sites and references, which are reliable resources to healthy aging.
- Describe the benefits or non-benefits of herbals, vitamins, alternatives related to the aging skin, brain, eyes, and the incidence of cancer.

With a good number of the “baby boomers” aging there has been significant interest in Herbals, alternative medicine, vitamins and hormones. The intent of this presentation is to provide a condensed resource related to this topic (i.e., “Cliffs Notes”).

Ambulatory Community Practice Academy

Moderator: Steve Singer, R.Ph., Pharmacist, Bellegrove Pharmacy

ACPE # 0130-0000-09-071-L04 P&T | Conflict of Interest- None

Saturday November 7, 11:20-12:50 pm | .150 CEU's | Activity Type: Application | Room: Chinook 3

Target Audience: Community Ambulatory Pharmacist, Technicians, Students

At the completion of this program, the participant will be able to: For Pharmacist and Technicians

- Recognize Updates on current activities and goals of the Ambulatory Community Practice Academy
- Discuss and develop strategies for meeting professional needs of Ambulatory Community Practice pharmacists and technicians
- Review approaches for increasing participation in the Ambulatory Community Practice Academy

This CE program is designed to target the needs of pharmacists, technicians and interns working in community/ambulatory practice. We will discuss current issues affecting pharmacy as well as how these issues relate to this practice setting. Topics may also include discussion of Medication Therapy Management implementation and reimbursement models, pharmacists/pharmacy professional responsibility rules, potential legislation, and the movement toward a more patient-centric mission for our profession. P Michelle Valentine and Alison Johnston will present a panel discussion on their unique practices. Participants will be encouraged to contribute their thoughts in this active program.

General Membership Meeting

Moderator: Glenn Adams, Pharm.D., Pharmacy Manager, Wenatchee Valley Clinic

ACPE # 0130-0000-09-073-L04 P&T | Conflict of Interest- None

Saturday November 7, 1:50-3:50 pm | .200 CEU's | Activity Type: Knowledge | Room: Chinook 1, 2 & 3

Target Audience: Community Ambulatory, Health Systems, Long Term Care, Technicians, Student Pharmacists

At the completion of this program, the participant will be able to: For Pharmacist and Technician

- Discuss state and federal legislative/regulatory issues pertaining to pharmacy
- Discuss strategies to transition to an equitable reimbursement model
- Discuss current positive and negative trends in pharmacy practice
- Discuss strategies to educate legislators, other healthcare providers and the general public about the value of pharmacy

Participants will be encouraged to contribute their thoughts in this active program.

Health Systems Academy Clinical Pearls

Moderator: Carol Vanevenhoven, Pharm.D. Clinical Pharmacy Specialist, Yakima Valley Memorial Hospital

Faculty:

Tina Tweedley, Pharm.D., Pharmacy Practice Resident, Franciscan Health System "Guillain-Barré Syndrome"

Rebecca Kingsley, Pharm.D., Pharmacy Practice Resident, Highline Medical Center "Prasugrel Overview"

Andrea Baek, Pharm.D., Pharmacy Practice Resident, Franciscan Health System "Acute Intermittent Porphyria"

Tyler Fischback, Pharm.D., Pharmacy Practice Resident, Franciscan Health System "Monitoring Anticoagulation Using the Chromogenic FxT₂ Assay in Patients with Antiphospholipid Antibody Syndrome"

Shannon Fry, Pharm.D., Pharmacy Practice Resident, Franciscan Health System "Tapentadol: A New Centrally-Acting Analgesic"

Angela Stewart, Pharm.D., Yakima Valley Memorial Hospital "Use of Antiplatelet/anti-thrombotics in Interventions for Peripheral Artery Occlusive Disease"

ACPE # 0130-0000-09-072-L04 P&T | Saturday November 7, 4-5:30 pm | .150 CEU's | Activity Type: Knowledge | Room:

Chinook 1 | Target Audience: Health Systems Pharmacists, Technicians, and Students

At the completion of this program, the participant will be able to: For Pharmacist

- Discuss a wide range of clinical topics
- Improve appropriateness, safety and/or cost-effectiveness of drug therapy for patients based on practical, sound pharmacotherapy "pearls"
- Discuss novel clinical issues in pharmacy practice that fall outside standard information sources

At the completion of this program, the participant will be able to: For Technicians

- Discuss a wide range of clinical topics
- Discuss with other health care professionals the appropriateness, safety and/or cost-effectiveness of drug therapy for patients based on practical, sound pharmacotherapy "pearls"
- Recognize novel clinical issues in pharmacy practice that fall outside standard information sources

This program will consist of a collection of short presentations (10 minutes each) by pharmacists. The goal of each pearl presentation is to convey one idea, concept, or fact, which may be useful in day-to-day practice. The information may focus on a topic that is not widely known, understood, published, or taught or provide a concise summary of complex clinical information in a very practical manner. This program serves as a fun and valuable method for improving the pharmacist's clinical knowledge base on a wide spectrum of topics.

Managed Care Pharmacy 101: Basic Concepts

Faculty: Collin Conway, Pharm.D., Pharmacy Benefits and Health Policy Coordinator, Group Health

ACPE # 0130-0000-09-060-L04 P&T | Conflict of Interest- None

Saturday November 7, 4-5:30 pm | .150 CEU's | Activity Type: Knowledge | Room: Chinook 2

Target Audience: Community Ambulatory, Health Systems, Long Term Care, Technicians, Student Pharmacists

At the completion of this program, the participant will be able to: For Pharmacist

- Outline stakeholders within the health care systems as it pertains to outpatient pharmacy benefits including health plans, purchasers of health care, and others
- Explain basic concepts of evidenced based medicine and how it translates into preferred drug lists or formularies
- Describe some common pharmacy benefit design features

At the completion of this program, the participant will be able to: For Technician

- Outline stakeholders within the health care systems as it pertains to outpatient pharmacy benefits including health plans, purchasers of health care, and others
- Explain basic concepts of evidenced based medicine and how it translates into preferred drug lists or formularies
- Describe some common pharmacy benefit design features

Understanding relationships among stakeholders in the health care system is important in order to explain to patients why some drugs are covered or not covered. This program is designed to be a high level introduction to concepts in managed care and how they relate to pharmacy benefits.

Owners Academy

Faculty: Janet Kusler, R.Ph., Owner, Kusler's Pharmacy

ACPE # 0130-0000-09-069-L04 P&T | Conflict of Interest- None

Saturday November 7, 4-5:30 pm | .150 CEU's | Activity Type: Application | Room: Chinook 3

Target Audience: Pharmacy Owners, Technicians, Students

At the completion of this program, the participant will be able to: For Pharmacist and Technicians

- Discuss and develop strategies for using social networking web sites in an overall marketing plan
- Review state and national issues impacting pharmacy ownership
- Discuss strategies for using social networking web sites to stay connected within a "pharmacy owner" community

This CE program is designed to target the needs of pharmacists, technicians and interns who are interested in pharmacy ownership, as well as current pharmacy owners. We will discuss the current legislative issues affecting pharmacy practice in general throughout Washington State and nationally. Participants will be encouraged to contribute their thoughts in this active program.