



**West Virginia Society of Health System Pharmacists and
West Virginia Pharmacists Association Spring Meeting
April 16-18, 2009
Waterfront Place Hotel - Morgantown, WV**



Program Description

A three-day knowledge-based program designed for pharmacists, technicians (sessions marked with an *), residents, and students. Participants will have an opportunity to attend sessions on an array of contemporary pharmacy topics including: CPR, precepting, starting a residency program, oncology treatments, infectious disease, HIV, pregnancy and lactation, antibiotic stewardship, new drugs, alcohol withdrawal, insulin pumps, state law updates, dietary supplements for dyslipidemia, opioid induced bowel dysfunction, and critical care sedation.

Friday morning includes an Oncology Track being held in conjunction with the Mary Babb Randolph Cancer Center (MBRCC) Celebration Week and Gala at the WVU Health Sciences Center. A shuttle bus will be available to transport participants to and from the Health Sciences Center for the morning CE sessions. This track is included in your full-conference or Friday one-day registration. If you would like to attend the oncology track as a part of the WVSHP meeting, please indicate where appropriate on the registration form. If you would like to register for ONLY the oncology track and no other WVSHP meeting functions, please check the Oncology ONLY section of the registration form. For more information on the MBRCC Celebration Week and Gala, please call 304.293.8604 or visit www.hsc.wvu.edu/mbrcc/gala/.

Agenda

THURSDAY, APRIL 16th (3 hours CE)

3:30 - 6:00pm WVSHP Board Meeting

3:30 - 6:00pm WVPA Board Meeting

CONCURRENT SESSIONS

A 6:00 - 9:00pm

CPR Training for Pharmacists

Lori Double, B.S., ACPE# 072-999-09-015-L04-P (Application-based)

B 6:00 - 9:00pm

Preceptor Training:

Assessing Student Performance: It's More Than Numbers on an Evaluation Form

David Bowyer, BS, R.Ph., Gina Carbonara, Pharm.D., Carla See, MA, MS

ACPE# 072-999-09-016-L04-P

C 7:00 - 8:30pm

How to Start a Residency Program

David A. Hutson, Pharm.D., CACP, ACPE# 072-999-09-017-L04-P

FRIDAY, APRIL 17th (7.5 hours CE)

6:45 - 8:00am Registration

6:45 - 7:45am Continental Breakfast

7:00 - 5:30pm Exhibits open

7:30 - 12:30pm

ONCOLOGY TRACK – WVU Health Sciences Center (3.5 hours CE)

(Track can be chosen instead of regular morning session - Indicate preference on registration form)

7:30am Transport to WVU Health Sciences Center

WVU Dept of Medicine Grand Rounds, ACPE# 072-999-09-018-L01-P (1.0 hours CE)

8:00 - 9:00am *Targeting Therapies in Head & Neck Cancer - The Right Drug for the Right Patient*

Kevin J. Cullen, M.D.

Oncology Mini Symposium, ACPE# 072-999-09-019-L01-P (2.5 hours CE)

9:15 - 9:30am Welcome and Introduction

Scott Remick, M.D.

9:30 - 9:45am *Approaches to Smoking Avoidance & Cessation in Teenagers*

Kimberly Horn, Ed.D., M.S.W.

9:45 - 10:00am *Novel Genes Involved in Tumor Initiation & Progression: Role of KLF4 and GLI*

Michael Ruppert, M.D., Ph.D.

10:00 - 10:15am *Programmed Cell Death & Tumor Progression*

Steven Frisch, Ph.D.

10:15 - 10:30am *The Bone Marrow Microenvironment as a Sanctuary for Tumor Cells*

Laura Gibson, Ph.D.

10:30 - 11:00am Break

11:00 - 11:15am *Initiation and Progression of Head & Neck Cancer*

Scott Weed, Ph.D.

11:15 - 11:30am *Dedicated Breast-PET Imaging*

Raymond Raylman, Ph.D.

11:30 - 11:45am	<i>Development of RNA Expression-based Prognostic Models for Personalized Cancer Therapy</i> Nancy Lan Guo, Ph.D.
11:45 - 12:00pm	<i>Evaluation of a Novel Drug to Prevent Chemotherapy-Associated Dermatologic Toxicity</i> William Petros, Pharm.D., FCCP
12:00 - 12:15pm	<i>Chemotherapy-Related Cognitive Dysfunction</i> Jame Abraham, M.D.
12:15 - 12:30pm	Discussion
12:30	Transport back to Waterfront Hotel
7:45 - 5:30pm	GENERAL TRACK - Waterfront Place Hotel (7.5 hours CE)
7:45 - 8:00am	Opening Remarks
8:00 - 9:30am	<i>Update on the Management of HIV/AIDS</i> Jon P. Wietholter, Pharm.D., ACPE# 072-999-09-020-L02-P
8:30 - 1:10pm	Silent Auction
9:30 - 9:45am	Break
9:45 - 11:45am	<i>Women's Health: Drug Use in Pregnancy and Lactation</i> Teresa S. Dunsworth, Pharm.D., ACPE# 072-999-09-021-L01-P
11:45 - 1:15pm	Lunch with Exhibitors
1:15 - 2:45pm	<i>2009 WV Pharmacy Legislative/Law Update</i> David E. Potters, JD, ACPE# 072-999-09-022-L03-P
2:45 - 3:00pm	Break
3:00 - 4:30pm	<i>Antibiotic Stewardship: It's Not Just Policing Anymore</i> Douglas Slain, Pharm.D., BCPS, FCCP, ACPE# 072-999-09-023-L04-P
4:30 - 5:30pm	<i>Management of Opioid Induced Bowel Dysfunction</i> Michael O'Neil, Pharm.D., ACPE #072-999-09-024-L01-P
5:30 - 6:30pm	Wine and Cheese Reception - Sponsored by WVU School of Pharmacy
1:15 - 5:30pm	PHARMACY TECHNICIAN TRACK (3 hours ACPE-approved Pharmacy Technician CE)
1:15 - 2:45pm	<i>2009 WV Pharmacy Legislative/Law Update*</i> David E. Potters, JD, ACPE# 072-999-09-022-L03-T*
2:45 - 3:00pm	Break
3:00 - 4:30pm	<i>Technician CE Program*</i> Speaker TBA, ACPE# 072-999-09-025-L04-T*
5:30 - 6:30pm	Wine and Cheese Reception - Sponsored by WVU School of Pharmacy
SATURDAY, APRIL 18th (7.5 hours CE)	
6:15 - 7:15am	Registration and Breakfast
7:00 - 10:00am	Health Fair
7:00 - 3:15pm	Poster Session
7:15 - 8:45am	<i>New Drugs of 2008</i> Lisa Glance, Pharm.D., Elizabeth Hageman, Pharm.D., Ashley Reed, Pharm.D., Jane Rogers, Pharm.D., Jen Shenk, Pharm.D., ACPE# 072-999-09-026-L01-P
8:45 - 9:00am	Break
9:00 - 10:30am	<i>Alcoholism and Withdrawal: Overview and Treatment</i> Rebecca S. Wolfer, M.D., ACPE# 072-999-09-027-L01-P
10:30 - 11:30am	<i>Sedation in the Intensive Care Unit</i> Patrick Dunn, Pharm.D., ACPE # 072-999-09-028-L01-P
11:30 - 1:00pm	WVSHP Awards Luncheon
1:00 - 3:00pm	<i>Get Pumped... About Insulin Pumps</i> Dani Dolin, Pharm.D., CDE, CPT, ACPE# 072-999-09-029-L04-P
CONCURRENT STUDENT SESSIONS	
1:00 - 2:00pm	<i>Applying for a Residency Program (No CE Credit)</i> Speaker TBA
2:00 - 3:00pm	<i>Preparing for a Residency Interview (No CE Credit)</i> Speaker TBA

3:00 - 3:15 pm

Break

3:15 - 4:45 pm

Dietary Supplements for Dyslipidemia

Tara Whetsel, Pharm.D., ACPE# 072-999-09-030-L01-P

4:45 - 5:00 pm

Questions and Evaluations

Learning Objectives

CPR Training for Pharmacists

- Describe the steps of CPR (When to start CPR; When to give breaths; When to check for a pulse; How to give compressions at the proper depth and rate and with complete chest recoil; When to use an automated external defibrillator (AED)).
- Describe the signs and actions for severe airway obstruction in the responsive and unresponsive victim.
- Describe the signs of 4 common life-threatening emergencies in adults (cardiac arrest, choking, stroke, heart attack).

Assessing Student Performance: It's More Than Numbers on an Evaluation Form

- Develop a rotation calendar for the students' specific rotation.
- Develop goals and objectives for the students' specific rotation.
- Create a list of your expectations for the students' rotation performance.
- Identify strategies for motivating and encouraging student performance.
- Assess student performance using a competency-based rubric.
- Establish a plan to implement changes (if needed) and have the learner summarize feedback and plan.

How to Start a Residency Program

- Describe techniques on how to sell the need for a residency program to your hospital's administration, including justification.
- Discuss the process of establishing a pharmacy residency program.
- Discuss ASHP's goal for 2020 that all providers performing direct patient care complete a pharmacy practice residency.

Oncology Track WVU Department of Medicine Grand Rounds

- Describe the pathophysiologic rationale for use of targeted agents in head and neck cancers.
- Explain how drug selection can be individualized for head and neck cancer patients.

Oncology Track Mini-Symposium

- Discuss approaches to smoking avoidance and cessation in teenagers.
- List biologic factors which appear important in tumor initiation, progression and response to therapy.
- Explain the advantages of directed breast positron emission tomography (PET) for identification and treatment of tumors.
- Describe the pathophysiology of chemotherapy-associated hand foot syndrome and pharmacologic rationale for testing possible preventative therapies.
- Describe the signs and symptoms of chemotherapy-related cognitive dysfunction and potential preventative approaches.

Update on the Management of HIV/AIDS

- Describe the pharmacology of agents used to manage HIV/AIDS.
- Discuss current guidelines on appropriate treatment of HIV/AIDS.
- Compare recently FDA approved HIV medications and their place in therapy.

Women's Health: Drug Use in Pregnancy and Lactation

- Discuss the trimesters of pregnancy in terms of maternal physiology, pharmacokinetic changes, and times of drug-induced malformation risk.
- Identify the types of fetal malformation attributed to maternal drug exposure.
- Explain the purpose of pregnancy category ratings and compare rating scale utility using the United States, Australian and Swedish classification systems.
- Given a patient case, formulate prescription or OTC recommendations for the person based on pregnancy status and concomitant disease states.
- Describe the process of lactation in terms of maternal and neonatal physiology.
- Discuss maternal drug use in lactation in terms of its pharmacokinetic profile, its impact on lactation, and its effects on neonates, infants and toddlers.
- Outline various products (available in pharmacies and home medical product companies) designed to provide support to the pregnant or lactating woman.

2009 WV Pharmacy Legislative/Law Update*

- Discuss bills introduced by the 2009 WV Legislature related to pharmacy practice and their outcomes, such as the addition of pharmacists and pharmacy to the definition of health care provider in the Medical Professional Liability Act.
- Identify the requirements for WV pharmacists to administer certain immunizations to adults.
- Discuss other updates from the WV Board of Pharmacy, such as collaborative practice.

Antibiotic Stewardship: It's Not Just Policing Anymore

- Identify components of an antibiotic stewardship program recommended by Infectious Diseases Society of America (IDSA) guidelines.
- Describe methods used to quantify antimicrobial use within an institution.
- Discuss examples of stewardship successes from the published literature.

Management of Opioid Induced Bowel Dysfunction

- Identify the incidence and prevalence of opioid induced constipation and its effect on the quality of life.
- Discuss the pathophysiology of opioid induced constipation.
- Enumerate the non-pharmacologic and pharmacologic strategies in the management of opioid induced constipation.

Pharmacy Technician Objectives*

- TBA

New Drugs of 2008

- Discuss clinical indications for new drugs approved by the FDA in 2008.
- Explain the various mechanisms of action of the drugs.
- Discuss the recommended dosing guidelines and dosage adjustments for each drug.
- Discuss the clinically relevant drug interactions for these medications.
- Identify the most common adverse reactions for the newly approved drugs.

Alcoholism and Withdrawal: Overview and Treatment

- Explain the mechanism of alcohol withdrawal.
- Summarize the symptoms associated with alcohol withdrawal.
- Identify the cause and treatment of Wernicke's Encephalopathy.
- Discuss treatments for alcohol withdrawal.
- Describe the treatment duration of acute alcohol withdrawal.

Sedation in the Intensive Care Unit (ICU)

- Discuss the needs and requirements for sedation of patients in the ICU.
- List the sedatives available for sedation of patients in the ICU.
- Discuss the dosing and monitoring of sedatives used in the ICU.

Get Pumped... About Insulin Pumps

- List 4 benefits of an insulin pump.
- Identify indications for the use of an insulin pump.
- Examine the role of diet for those on insulin pumps.
- Discuss concerns unique to a pumper.
- Discuss insulin dosing.

Dietary Supplements for Dyslipidemia

- Identify dietary supplements with sufficient evidence supporting their use for dyslipidemia.
- State the proposed mechanism of action, adverse effects, precautions, and dose for dietary supplements used for dyslipidemia.
- Recommend an appropriate fish oil supplement and dose for a patient with heart disease and a patient with hypertriglyceridemia.
- Counsel a patient on the use of dietary supplements for dyslipidemia.

Program Faculty

Jame Abraham, M.D., Associate Professor of Medicine, Section Chief Hematology/Oncology; Director, Comprehensive Breast Cancer Program; Medical Director, West Virginia University (WVU) MBRCC Clinic, Morgantown, WV

David G. Bowyer, BS, R.Ph., Director of Experiential Education, University of Charleston (UC) School of Pharmacy, Charleston, WV

Gina M. Carbonara, Pharm.D., Assistant Professor, Department of Clinical Pharmacy; Director, Introductory Pharmacy Practice Experiences, WVU School of Pharmacy, Morgantown, WV

Kevin J. Cullen, M.D., Professor and Director, University of Maryland Cancer Center, Baltimore, MD

Dani Dolin, Pharm.D., CDE, CPT, Diabetes Specialist; Clinical Services Trainer, Rite Aid Pharmacy, Morgantown, WV

Lori Double, B.S., American Heart Association Coordinator, Center for Education & Organizational Development, WVU Hospitals, Morgantown, WV

Patrick Dunn, Pharm.D., Critical Care Clinical Specialist, Charleston Area Medical Center Memorial Hospital, Charleston, WV

Teresa S. Dunsworth, Pharm.D., FCCP, BCPS, Pharmacist, WVU Hospitals, Morgantown, WV

Steven Frisch, Ph.D., Professor, Department of Biochemistry; Program Leader Cell Signaling, WVU School of Medicine, Morgantown, WV

Laura Gibson, Ph.D., Professor; Vice Chair for Research, Department of Pediatrics; Program Leader Tumor Microenvironment, WVU School of Medicine, Morgantown, WV

Lisa Glance, Pharm.D., PGY-1 Resident, WVU Hospitals, Morgantown, WV

Elizabeth Hageman, Pharm.D., PGY-1 Resident, WVU Hospitals, Morgantown, WV

Kimberly Horn, Ed.D., M.S.W., Robert C. Byrd Associate Professor, Department of Community Medicine; Associate Director, Center for Population Health, WVU School of Medicine, Morgantown, WV

David A. Hutson, Pharm.D., CACP, Assistant Chief, Pharmacy Service; Residency Program Director, Louis A. Johnson VA Healthcare System, Clarksburg, WV

Nancy Lan Guo, Ph.D., Assistant Professor, Department of Community Medicine, WVU School of Medicine, Morgantown, WV

Michael O'Neil, Pharm.D., Associate Professor, Department of Pharmacy Practice; Director, Center of Excellence for the Prevention of Drug Diversion and Substance Abuse, UC School of Pharmacy, Charleston, WV

William Petros, Pharm.D., FCCP, Mylan Chair of Pharmacology; Professor, Basic Pharmaceutical Sciences, WVU School of Pharmacy; Associate Director, Anticancer Drug Development, WVU MBRCC, Morgantown, WV

David E. Potters, JD, Executive Director & General Counsel, West Virginia Board of Pharmacy, Charleston, WV

Raymond Raylman, Ph.D., Professor; Vice Chair for Research, Department of Radiology, WVU School of Medicine, Morgantown, WV

Ashley Reed, Pharm.D., PGY-1 Resident, WVU Hospitals, Morgantown, WV

Jane Rogers, Pharm.D., PGY-1 Resident, WVU Hospitals, Morgantown, WV

Michael Ruppert, M.D., Ph.D., The Jo and Ben Statler Eminent Scholar and Chair in Breast Cancer Research; Professor of Biochemistry; Program Co-Leader Breast Cancer, WVU MBRCC, Morgantown, WV

Carla J. See, MA, MS, Clinical Instructor; Director, Advanced Pharmacy Practice Experiences, WVU School of Pharmacy, Morgantown WV

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Douglas Slain, Pharm.D., BCPS, FCCP, Clinical Associate Professor, WVU School of Pharmacy, Morgantown, WV


Scott Weed, Ph.D., Associate Professor, Department of Neuroscience and Anatomy, WVU MBRCC, Morgantown, WV

Tara Whetsel, Pharm.D., Clinical Assistant Professor, WVU School of Pharmacy, Morgantown, WV

Jon P. Wietholter, Pharm.D., Assistant Professor of Clinical Pharmacy, WVU School of Pharmacy; Internal Medicine Clinical Pharmacist, Cabell Huntington Hospital, Huntington, WV

Rebecca S. Wolfer, M.D., F.C.C.P., F.A.C.S., Associate Professor, Marshall University School of Medicine, Dept of Surgery, Huntington, WV

Continuing Education Credit

 West Virginia University School of Pharmacy (WVUSoP) is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. ACPE universal program numbers 072-999-09-015 to 030 are approved for up to 18.0 hours (1.80 ceu's) of continuing pharmacy education credit for pharmacists and up to 3.0 hours (0.3 ceu's) of continuing pharmacy education credit for pharmacy technicians (see sessions marked with an *). Statements of credit will be mailed by the WVUSoP Office of Continuing Education within six to eight weeks to participants who successfully completed the program. Successful completion includes attending the session, signing the attendance sheet, and completing an evaluation form.

General Information

Hotel Information, Waterfront Place Hotel: To make room reservations under the group block, call 1.866.STAY.WPH (304.296.1700). The room rate is \$125 plus tax. Use Group Code WVPHAR2 when making your reservation. Rooms will be held until 3/31/09.

Poster Session: Posters will be displayed from 7am - 3:15pm on Saturday April 18. Displayers are asked to stand by their posters during breaks. For information about presenting at the poster session, please e-mail Jamie Allman at James.AllmanII@va.gov.

Contact information: For questions or for more information, please contact Tara White at wvshp@mail.com or Adrienne Tucker at 304.293-5103 (atucker@hsc.wvu.edu)

Registration

Full Conference Registration includes up to 18 hrs CE, participant handouts, breakfasts, lunches, breaks, and reception. *One-Day Friday Registration* includes up to 7.5 hrs Pharmacist CE (or up to 3 hrs Technician CE), participant handouts, continental breakfast, luncheon, breaks, and reception. *One-Day Saturday Registration* includes up to 7.5 hrs of CE, participant handouts, breakfast, lunch, & breaks. *Thursday CPR Registration* includes 3 hrs of CE and CPR certification. *Friday Oncology Track ONLY Registration* includes up to 3.5 hrs CE, transportation to and from HSC, participant handouts, continental breakfast and lunch at Waterfront).

Please detach registration form below & mail with check to: WVSHP, c/o Tara White, PO Box 4241, Charleston, WV 25364-4241

2009 WVSHP/WVPA Meeting Registration (On-line registration available at wvshp.org)	
Name _____	Phone _____
Address _____	
City State Zip _____	
Email _____	
Member of: (circle)	Not a member
WVSHP	WVPA
Before 4/7/09 After 4/7/09	
Full Registration (Fri, & Sat) (circle rate)	
Pharmacist Member	\$200 \$225
Pharmacist Non-Member	\$250 \$275
Resident Member	\$ 50 \$ 55
Resident Non-Member	\$ 60 \$ 65
Technician Member	\$ 45 \$ 50
Technician Non-Member	\$ 55 \$ 60
Student	\$ 25 \$ 25
Friday or Saturday One-Day (circle day and rate)	
Pharmacist Member	\$150 \$175
Pharmacist Non-Member	\$200 \$225
Resident Member	\$ 30 \$ 35
Resident Non-Member	\$ 40 \$ 45
Technician Member	\$ 30 \$ 35
Technician Non-Member	\$ 40 \$ 45
Student	\$ 25 \$ 25
Thursday One-Day (circle rate)	
Member CPR Session	\$ 40 \$ 45
Non-Member CPR Session	\$ 50 \$ 55
Preceptor Session	\$ 0 \$ 0
Residency Program	\$ 0 \$ 0
Friday Oncology Track ONLY Registration (circle rate)	
*For registrants attending only the Oncology Track and no other WVSHP functions	
Member Oncology Track	\$ 40 \$ 45
Non-Member Oncology Track	\$ 50 \$ 55
Please indicate which functions you plan to attend:	
Friday Oncology Track	Yes No
Friday Breakfast	Yes No
Friday Luncheon	Yes No
Friday Wine and Cheese	Yes No
Saturday Breakfast	Yes No
Saturday Luncheon	Yes No
Refund minus a \$25 fee will be given for cancellations received by April 7, 2009. All cancellations must be received in writing to the address below or wvshp@mail.com.	
Mail with check to: WVSHP, c/o Tara White, Executive Secretary, PO Box 4241, Charleston, WV 25364-4241	



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Pharmacists and West Virginia Pharmacists
Association Spring Meeting***

April 16-18, 2009

***Waterfront Place Hotel
Morgantown, WV***

West Virginia University School of Pharmacy
Office of Continuing Education
PO Box 9540
Morgantown, WV 26506-9540

Return Service Requested