



PRN

Pharmacy-related News



UTAH SOCIETY OF
HEALTH-SYSTEM PHARMACISTS

2009 Issue 3

August

President's Message by Mark Munger, PharmD

It seems as though the clock has been turned back to the debates of the early 1990s on health care reform, but the debate is accelerating to a much greater rate in 2009 than the 1990s. Due to this mind-boggling rate, it becomes absolutely necessary to have each of us keep abreast of proposed reform changes, by studying, pondering, and being active in discussions with national elected leaders in Congress.

At a minimum, pharmacist patient care services must be included in any plan before Congress. These should include annual medication therapy review for Medicare beneficiaries enrolled in Part D, pharmacist reimbursement as providers under Medicare Part B, and restoration of postgraduate year 2 pharmacy residency program funding. I am sure many of you would add to this list. ASHP presently is lobbying for these three priorities in Congress.

ASHP also participated recently in White House Regional Forums on Health Reform. Some of the messages which we should strongly consider promoting in the State of Utah are



the following: Pharmacists as preventers of drug misadventuring and the utilization of pharmacists to reduce health care costs associated with drug therapy. These are noble causes for which we have the training, skills, and energy to accomplish. We all need to advo-

cate for these messages to our patients, government, third-party payers, each other, and ourselves. Health care reform that incorporates the talents of pharmacy must involve all of us as a collective voice.

Over the past few years I have been involved with the development of the State of Utah Health Information Exchange. This effort has provided community and hospital pharmacists with immediate access to health information including diagnosis, medication lists, previous medical events, and laboratory test results for patient evaluations at the point-of-care. This is an exciting development for all of us and one we should be proud to have accomplished.

Please join me in advocating for the pharmacy profession. Your efforts will not go unnoticed and the potential gains realized for the profession and individually may be life-saving to our patients.

Inside this issue:

<i>President's Message</i>	1
<i>Tech Tome</i>	2
<i>Tech Tattler</i>	2
<i>Annual Meeting Details</i>	3
<i>Annual Meeting Agenda</i>	4
<i>Annual Meeting Objectives</i>	5
<i>4th Street Clinic Volunteers Needed</i>	7
<i>USHP Member News</i>	8



Tech Tome by Lezlie Cohn-Oswald, CPhT & Jan Bird, CPhT

2009 USHP Meeting Information for Pharmacy Technicians!

Mark your calendars for the Annual Utah Society of Health-System Pharmacists Meeting, September 12.

Technician programming at this year's meeting will include:

- OTC Counseling
- Hands-on Compounding
- Diabetes Mellitus Disease Review/Progression
- Diabetes Mellitus Hands-on Product Review
- Calculations
- Medication Error/Patient Safety
- Law Update

A new feature on the TECH TOME Page!
The TECH TATTLER

Do you know a pharmacy technician who should be recognized? We want to hear

from you! We want to feature a tech or two in each issue of the PRN.

Let us hear from you if you:

- know a technician who has been promoted to a new position
- know of a technician who has served on a team at your work site for better patient safety goals
- know a technician who has gone above and beyond at your worksite and received an award
- ANYTHING worth letting everyone know what is going on at your facility in the state of Utah!

Please contact Lezlie Cohn-Oswald at lezlie.cohnoswald@va.gov, or Jan Bird at jan.bird@imail.org with your nominations for the Tech Tattler!

At USHP, we have many opportunities for pharmacy technician volunteers! To volunteer your time to your profession, please contact USHP at www.ushp.org/join.

The 2009 USHP Annual Meeting will include a number of sessions specifically designed for Pharmacy Technicians

The Tech Tattler by Lezlie Cohn-Oswald, CPhT & Jan Bird, CPhT

We have a few technicians to "tattle" on!!!

IHC has three technicians who have passed the test & requirements to be moved up to Tech II at their facility!
CONGRATULATIONS go out to:

- Josh Parkes
- Brooke Christensen
- Katie Jones



2009 Annual Meeting—Conference Details

Registration: Registration fees are discounted before Friday, September 4, 2009. To register, complete the registration form and pay by credit card (online only) or send a check to: USHP, PO Box 58356, Salt Lake City, Utah 84158. Space is Limited! Register Early. Registration fee includes admittance to all programming, exhibits, and group meal functions. Registrations received after the September 4, 2009 deadline or on site are subject to a \$40 additional processing fee.

CE Credit: To obtain up to 8.0 credits of continuing pharmacy education credit (.80 CEUs), the participant must attend the conference, sign in at the registration desk, complete and turn in the attendance and evaluation forms, and pass each assessment test with a 75% or higher score. Attendance forms not turned in on site will not be accepted for credit. A Statement of Credit will be mailed to the participant within 60 days of the program.

Cancellation Policy: To receive partial or full refund, registrants must contact USHP in writing prior

to September 4, 2009. Requests made after September 4, 2009 will not be considered.

Exhibits: The exhibit area offers an opportunity to learn about the latest from the pharmaceutical industry. Representatives from pharmaceutical manufacturers, wholesalers and others may be on hand to demonstrate new products and services.

Special Assistance: It is USHP's policy to comply with the American's with Disabilities Act. If you have any special needs or services while attending, please contact Michelle Thompson no later than September 4, 2009 at (801) 483-3039 or michelle@peacockevents.com

Parking: Parking is available in the lot adjacent to the Health Sciences Education Building (HSEB), located on the south side of the building. Additional parking is available in the parking garage located to the East of the building.

Accommodations: If you are in need of overnight accommodations, please contact Michelle Thompson at (801) 483-3039 or michelle@peacockevents.com.



The Utah Society of Health-System Pharmacists is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education.



2009 Annual Meeting—Agenda

6:30am-7:00am	REGISTRATION, CHECK IN & BREAKFAST Skaggs Hall	
7:00am – 8:00am	Law Update: Coming to a Pharmacy Near You Skaggs Hall Auditorium Dave Young	
8:00am – 8:20am	Exhibitor Area HSEB	
	TECH PROGRAMMING HSEB, Room 2110	PHARM PROGRAMMING HSEB, Room 1700
8:20am – 9:20am	Practical Calculations for Pharmacy Technicians Ed Schryer	Stoke Update Paul Wohlt
9:30am – 10:30am	Diabetes Overview Dez Small	Not Just Another Bug Bite: The Emergence of CA-MRSA Elizabeth Sebranek Evans
10:40am – 11:40am	Insulin: How to Stop the Sugar Rush! Alisa Stewart	Complications of Diabetes Robert Jones
11:40am – 12:30pm	Box Lunch & Exhibitor Area HSEB	
12:30pm – 1:00pm	Business Meeting & Awards Skaggs Hall Auditorium	
1:00pm – 2:00pm	Incorporating Safety into Activities of Daily Pharmacy Skaggs Hall Auditorium Erin Fox	
2:00pm – 3:00pm	Leadership in Health-System Pharmacy: Reaching our Vision for Practice Skaggs Hall Auditorium David Chen, RPh, MBA	
	STUDENT PROGRAMMING HSEB, Room 2600	
2:10pm - 5:30pm	Pharmacy Student Leadership Development Program Nannette Berensen	
	TECH PROGRAMMING HSEB, Room 2110	PHARM PROGRAMMING HSEB, Room 1700
3:15pm – 4:15pm	Compounding Essentials for the Technician Cortney Hebert	Clopidogrel Resistance Traci Christensen
4:25pm – 5:25pm	OTC Medication Counseling Brandon Jennings	911, What's the Emergency? A Look into Pharmacy Practice in Emergency Medicine Elizabeth Sebranek Evans & Erin Lingenfelter



2009 Annual Meeting—Educational Objectives

7:00am Law Update: Coming to a Pharmacy Near You, #167-000-09-027-L03-P/T

Dave Young, PharmD - Associate Professor (Clinical), University of Utah College of Pharmacy. Member of Utah State Board of Pharmacy.

- Discuss recent changes to the Utah Pharmacy Practice Act and Rules.
- Discuss recent changes to the Utah Controlled Substances Act and Rules.
- Discuss recent Utah legislative changes and their implications on practice.
- Discuss recently passed NABP resolutions.

8:20am Practical Calculations for Pharmacy Technicians, #167-000-09-023-L04-T

Ed Schryer, CPhT - Pharmacy Buyer, Intermountain Healthcare Supply Chain, Salt Lake City, Utah

- Discuss the systems of weights and measures used in Pharmacy.
- Review the conversions between these systems.
- Perform calculations used in extemporaneous compounding.
- Perform calculations for changing forms of medication.

8:20am Stroke Update, #167-000-09-019-L01-P

Paul Wohlt, PharmD, BCPS - Critical Care Team Lead and Neurovascular Medicine Intensive Care Unit Pharmacist, Intermountain Medical Center, Salt Lake City, Utah

- Describe the incidence of stroke in the United States.
- Identify appropriate secondary stroke prevention strategies.
- Understand the role of statin therapy after a stroke.

9:30am Diabetes Overview, #167-000-09-024-L01-T

Denise Small, RPh, PharmD, CDE - Endocrinology Pharmacist, University of Utah Diabetes Center, Salt Lake City, Utah

- Explain the difference between diabetes mellitus type 1 and type 2.
- List the goal glucose values for before and after eating.
- Explain the possible complications from poorly controlled diabetes mellitus.
- List three medication treatments for diabetes mellitus type 2.

9:30am Not Just Another Bug Bite: The Emergence of Community-Acquired Methicillin-Resistant *Staphylococcus aureus*, #167-000-09-026-L01-P

Elizabeth Sebranek Evans, PharmD, BCPS - Advanced Clinical Pharmacist, Adult Internal Medicine, Intermountain Medical Center, Salt Lake City, Utah and Assistant Professor of Pharmacy Practice, University of Southern Nevada, South Jordan, Utah

- Describe the epidemiology and emergence of community-acquired methicillin-resistant *Staphylococcus aureus* (CA-MRSA).
- Differentiate clinical and molecular differences between community-acquired MRSA and healthcare-acquired MRSA.
- Identify risk factors for CA-MRSA infection and transmission.
- Discuss advantages and disadvantages to CA-MRSA treatment options.

10:40am Insulin: How to Stop the Sugar Rush! #167-000-09-018-L01-T

Alisa Stewart, PharmD - Clinical Pharmacist, Shock Trauma / RICU / Neuro Pharmacist, Intermountain Medical Center, Salt Lake City, Utah

- Describe the difference between type 1 and type 2 diabetes.
- Explain the mechanism of action of insulin.
- Understand the difference products of insulin available on the market and be able to differentiate between



them with regard to onset, peak, and duration of action.

- Acknowledge the different routes of administration for insulin and understand the procedure for administration.

10:40am Complications of Diabetes, #167-000-09-017-L01-P

Robert Jones, MD, FACP, FACE - Medical Director, Utah Diabetes Center, University of Utah and Director of Clinical Operations, University of Utah Endocrine Division.

- Review the incidence and types of common complications of diabetes mellitus.
- Understand the pathogenesis of the microvascular complications and explore current therapy and potential pharmacological targets to reduce these complications.
- Discuss recommended targets and possible benefits of therapy directed toward control of glucose, hypertension and lipids.

1:00pm Incorporating Safety into Activities of Daily Pharmacy, #167-000-09-025-L05-P/T

Erin Fox, PharmD - Manager, Drug Information Service, University Health Care, Salt Lake City, Utah

Pharmacists Objectives:

- Describe how safety can be incorporated into at least three activities of daily pharmacy.
- Explain how different types of drug shortages can lead to a potential safety situation.
- Identify at least two unique characteristics regarding three online resources for patient safety information.

Technician Objectives:

- Identify how safety awareness could be incorporated into at least one aspect of your current work situation.
- Describe two types of drug shortages that can lead to a potential safety situation.
- List three online resources for patient safety information.

2:00pm Leadership in Health-System Pharmacy: Reaching our Vision for Practice, #167-000-09-029-L04-P/T

David Chen, RPh, MBA – Director, Pharmacy Practice Sections, American Society of Health-System Pharmacists

Pharmacists Objectives:

- Describe the basics of leadership versus management.
- Provide the context of leadership that transformed health system pharmacy practice.
- Describe the leadership needs to promote future growth of health system practice.
- Share skills and strategies to be an effective leader.

Technician Objectives:

- Understand the development of health system pharmacy practice.
- Provide the context of leadership that transformed health system pharmacy practice.
- Be able to explain how technician leadership can promote the growth of health system practice.
- Be able to identify key components of the Pharmacy Practice Model Initiative.

2:10pm Pharmacy Student Leadership Development Program, #167-000-08-043-L04-P

Nannette Berensen, PharmD, BCPS - Director, Department of Pharmacy Services, Intermountain Medical Center, Salt Lake City, Utah

- Describe three avenues that students can pursue to get into leadership roles.
- Describe types of pharmacy leadership roles that pharmacists fulfill.
- Explain the significance of participating in state and local pharmacy organizations as it relates to shaping the future of pharmacy practice.

3:15pm Compounding Essentials for the Technician, #167-000-09-021-L04-T

Cortney Hebert, PharmD - Clinical Pharmacist, Intern Team Lead, Intermountain Medical Center, Salt Lake City, Utah

- Discuss the need for compounding pharmaceuticals.
- Define compounding terms.
- Discuss key concepts of non-sterile pharmaceutical



compounding outlined in the USP chapter <795>.

- Define stability and understand the different types of stability.
- Demonstrate proper compounding technique and documentation.

3:15pm Clopidogrel Resistance, #167-000-09-020-L01-P

Traci Christensen, PharmD - Cardiovascular Intensive Care Unit Clinical Pharmacist, Utah Valley Regional Medical Center, Provo, Utah

- Describe the risk associated with clopidogrel resistance.
- Understand the possible causes of clopidogrel resistance or sub-optimal response.
- Identify the interventions that may prevent sub-optimal response to clopidogrel.
- Describe possible advantages and disadvantages of new antiplatelet drugs in clinical trials over clopidogrel.

4:25pm Over-the-counter Medication Counseling, #167-000-09-022-L04-T

Brandon Jennings, PharmD - Assistant Professor (Clinical) of Pharmacotherapy, University of Utah College of Pharmacy.

- Explain the process by which over-the-counter medications are approved by the United States Food and Drug Administration.
- Adapt frequent patient assessment techniques to self-

care / over-the-counter medication related patient encounters.

- Review the proper use for common over-the-counter medications.
- Design a treatment approach for a patient presenting with common ailments that are subject to self-care / over-the-counter treatment.

4:25pm 911, What's the Emergency? A Look into Pharmacy Practice in Emergency Medicine, #167-000-09-028-L04-P

Erin Lingenfelter, PharmD - Clinical Pharmacist, Emergency Medicine, University of Utah, Salt Lake City, Utah

Elizabeth Sebranek Evans, PharmD, BCPS - Advanced Clinical Pharmacist, Adult Internal Medicine, Intermountain Medical Center, Salt Lake City, Utah and Assistant Professor of Pharmacy Practice, University of Southern Nevada, South Jordan, Utah

- Identify the role clinical pharmacists have developed in Emergency Medicine.
- Analyze literature relating to pharmacy practice in Emergency Medicine.
- Propose future directions pharmacists can take in this practice setting.
- Appraise the need for pharmacy practice in Emergency Medicine.

Volunteer Pharmacists Needed at 4th Street Clinic

Fourth Street Clinic is looking for volunteer pharmacists and interns to fill three-hour shifts either 9-12 or 1-4 Monday-Friday. Volunteers can work on a weekly, monthly or quarterly basis. If interested, email lisa@fourthstreetclinic.org.



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USHP Member News

If you know of appointments, awards, achievements, or other accolades about you or any USHP member, please email it to John.Benson@imail.org and it will appear in a future issue of PRN.