



President's Message: Passing the Gavel

The gavel has been passed. Thank you Brad for shepherding us through the past year, your impact on MHSP will have a lasting effect. We just completed a great annual meeting in Kansas City right in the middle of the Power & Light District. Three cheers to our Program & Education Committee for their curriculum, to the Kansas Council of Health-System Pharmacists for collaborating with us and to all the pharmacists, technicians, and industry partners that made it successful.



For those that were at the installation lunch on Friday, you heard my inaugural address and saw the campfire built next to the stage. This gave you a glimpse into my personality and my leadership style. I like to keep things simple, make things fun, and find enjoyment in work and play. The campfire is a symbol of our pharmacy work. In order to prepare a meal, we need a strong fire burning, but not too strong. Hot steady coals are better than flash and burn flames. The fire needs a spark to get started, and kindling to catch fire, with larger wood to keep burning. But one is not more important than another. Everyone has a role, some are the "sparks" while others are the "early adopter" kindling" and still others are the strong oak or mesquite that builds the fire.

Just like the three legs on a stool, the three legs of the tripod over the fire is the best configuration to hold a steady pot over the heat. You can pick your own metaphor to represent the three legs. For example: the three branches of government (Executive, Judiciary & Legislative); or the three stages of medication delivery (prescribe, dispense, & administer). The three "legs" of the tripod stand strong when working together, but fall over when working separate. There is always a rope knot holding the structure together. The rope represents my role this year: to provide the right lashing with the right tension to allow the tripod to stand strong, yet have enough flexibility and agility to change course and meet the needs of our society's members. We have a great group of individuals working on your behalf on our MSHP Board. These professionals have the dedication and ingenuity to lead our society to build new structures to support our society this year. If you want to increase your involvement, please reach out to me or any Board member.

Upcoming Events

ASHP Summer Meeting

June 9-13, 2012

Baltimore, MD

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In The Next Issue:

The next newsletter will have a submission deadline of July 13, 2012 for articles.

Please send articles to:

Brian Pitman

Featured Articles

Falls Data Regarding Patients on Antidepressant Therapy at Cox Health

By Justin Virtue, PharmD Candidate

Accidental falls within the health care community are closely associated with a variety of adverse outcomes. These outcomes include, but are not limited to, increased hospitalization, fractures, pain, and decreased independence. Unfortunately, however, there are many potential causes for falls which makes developing policies and procedures to address fall risk difficult. Only one potential cause at a time can typically be analyzed and appropriate policies instated to prevent a fall from occurring. At Cox Health, this has been the duty of an interdisciplinary falls committee consisting of including, but not limited to nurses, pharmacists, physicians, physician assistants, and nurse practitioners. In the past the committee has prepared and implemented policies to help limit falls, such as educating staff on contributing factors to fall risk like advanced age. Figures 2 and 3 display falls by age and show a curve that follows the average age of admission to Cox Health, possibly indicating that the committee is effective at minimizing fall risk. [Read More](#)

Attention-Deficit Hyperactivity Disorder and Cardiovascular Risk

By Kelly Galen, PharmD Candidate 2012

Attention-Deficit Hyperactivity Disorder (ADHD) is a disease state most often diagnosed in children, but many people continue to have symptoms well into adulthood. A representative, nationwide study in the United States found an adult prevalence of 4.4% using conservative diagnostic criteria. Many of these adults will need pharmacotherapy treatment to manage their symptoms, which can further complicate the treatment of other specific disease states. It has been reported that the use of medications to treat ADHD in adults has increased noticeably in the United States, with adults receiving one third of all prescriptions. The current mainstay of therapy is long-acting stimulants, including both methylphenidate and amphetamines. Side effects of these stimulants include, but not limited to, insomnia, headache, anorexia, and increased heart rate and blood pressure. In one randomized study, blood pressure increase with methylphenidate averaged 5 mm Hg, with no mention of the doses patients were receiving. [Read More](#)

Mefloquine-Induced Neuropsychosis: A Commentary

By Lauren Uhlmansiek Mishler

With increasing notoriety of Sergeant Robert Bales' Afghan massacre on March 11, 2012, speculation regarding his mental status has fronted newspapers worldwide and theorists are looking for an explanation for his horrific acts. Columnists, such as Leon Gussow, with thepoisonreview.com, have suggested that a long-standing antimalarial medication may have played a vital role in Bales' subsequent psychosis. Bales displayed classic neuropsychiatric

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symptoms of Lariam® (mefloquine): bizarre behavior, agitation, paranoia, and violent behavior. Developed by the army in the 1970's, mefloquine, has become a popular antimalarial prophylactic, secondary to its once weekly dosing. Upon development, early studies reported gastrointestinal upset as a primary adverse effect; however, the last decade has uncovered numerous cases of neuropsychiatric complications, a less frequent, but much more alarming reaction. As a result, the army has altered its prescribing techniques. [Read More](#)

The Use of Thrombolytic Agents in Acute Pulmonary Embolism *By Sheena Merwine, PharmD Candidate 2013, UMKC School of Pharmacy*

Acute pulmonary embolism is a relatively common clinical presentation linked to significant morbidity and mortality. Pulmonary embolism (PE) is diagnosed in about 150,000 people in the United States each year, but it is estimated that it is likely the cause of more than 300,000 deaths annually. The difficulty in diagnosis is partly attributed to the nondescript range of symptoms, which can be non-existent to severe and can progress rapidly. The treatment for acute pulmonary embolism depends largely on the severity of the diagnosis. The severity of a PE is classified depending on the presenting symptoms. When determining severity of a PE, the shape, size, or distribution are not the defining elements. Severity is defined by the probability of PE-related early mortality. [Read More](#)

MSHP R&E Foundation Report

By Andy Crannage, Research and Education Foundation Board Member

McClary Honored with Garrison Award

At the recent MSHP/KCHP Meeting in Kansas City, MO the MSHP R&E Foundation recognized several members for their outstanding commitments and innovations to pharmacy practice. The Garrison Award was established in 1985 and is presented annually to an active MSHP member in recognition of sustained contributions in one of the areas of outstanding accomplishments in practice in the health-system, outstanding poster or spoken presentation at a state or national meeting, outstanding publication in nationally recognized pharmacy or medical journals, demonstration of activity with pharmacy students from a Missouri School of Pharmacy, demonstration of an innovative service in a health-system pharmacy in either education, administration, clinical service, or distribution, and contributions to the profession through service to ASHP, MSHP, and/or affiliates.

Bert McClary, R.Ph. was presented the 2012 Thomas J. Garrison Achievement Award. Mr. McClary was selected for this award to recognize his sustained contributions to the profession of pharmacy. He has a sustained history of more than 40 years as a practitioner and consultant on health-system/hospital pharmacy. As a charter member of MSHP, he has been a cornerstone for the development and growth of MSHP. Consistently moving the practice of pharmacy forward in Missouri, Mr. McClary has been active in Strategic Planning sessions

over the years and especially active recently with the Public Policy Committee. Mr. McClary is well deserving of the Garrison Award and the R&E Foundation was pleased to present this year's award to such a deserving individual.

"This is especially meaningful to me because of my personal and professional admiration for Tom Garrison as a mentor, employer, colleague and friend during the past fifty years," said McClary about receiving the award.

Best Practice Award

The R&E Foundation was also pleased to award the fourth annual Best Practice Award at the Annual Meeting. The Best Practice Award was presented to Jennifer Lamar, Pharm.D., BCPS for her project titled, "*Development of an Institutional Scorecard to Track Warfarin Treatment.*" Dr. Lamar's project exemplified the theme for this year's award of improving patient care through innovative disease state focused clinical initiatives. Dr. Lamar presented her project at the R&E Foundation Best Practice Award Breakfast on Friday morning.

Poster Awards

A highlight of the Annual Meeting was the numerous posters presented by MSHP members on Friday evening. Members were able to present and share their significant contributions to health-system pharmacy practice in the state. Members of both KCHP and MSHP were able to view and listen to projects that may be able to be implemented in their own practice settings. The R&E Foundation was pleased to present awards in three categories.

The Best Original Poster Award was presented to Lucy Montalvo Von Korff, Pharm.D. and Joseph Blunck, Pharm.D., BCPS. Drs. Montalvo Von Korff and Blunck won for their poster titled, *Effect of Triple-H Therapy on Vancomycin Pharmacokinetic Parameters in Aneurysmal Subarachnoid Hemorrhage Patients.*

The Best Encore Poster Award was presented to Tracey Hysong, Pharm.D. and Melissa Steenhoek, Pharm.D., BCPS. Drs. Hysong and Steenhoek won for their poster titled, *Implementation of Antibiotic De-escalation in Patients with a Diagnosis of HCAP or VAP.*

The Best Student Poster Award was presented to Lindsey Nelson, Pharm.D. Candidate, Kedra Blunck, Pharm.D., BCPS, and Mark Woods, Pharm.D., FASHP, BCPS. Lindsey won for her poster titled, *Urban Hospital Adherence to Dofetilide REMS Program Criteria.*

The MSHP R&E Foundation would like to thank everyone for their abstract submissions for poster presentations, submissions for the Best Practice Award, and poster presentations at the Annual Meeting. The foundation would also like to remind everyone that it's never too early to start thinking about projects for presentation at next year's meeting in St. Charles, MO.

Two Named to R+E Board

Dr. Laura Butkievich and Dr. Austin Campbell have been appointed to the Board of Directors

for the Missouri Society of Health-System Pharmacists Research and Education Foundation. This is a three-year term, which will officially commence at the beginning of our fiscal year on July 1st.

MSHP News

KCHP/MSHP Annual Meeting Sets Records

The KCHP/MSHP Annual Meeting at the Kansas City Convention Center in downtown Kansas City set records for the most number of exhibitors at the event (43 of them), and most number of posters entered (60 across both associations.) With an attendance well over 300 people, the event was a tremendous success. Presentations by ASHP President Stan Kent and keynote speaker Derrick Nielsen drew raves from attendees, and nearly 40 attendees kicked off the event with a special residency workshop that discussed how to create and manage a successful residency program.



Below are advertisements from some of our exhibitors. Please click an ad below to learn more about that exhibitor and its products. We greatly appreciate their support of the event!

- [AdvanDx](#)
- [Pharmacy OneSource](#)

MSHP Recognizes Members with Annual Awards

The following MSHP members received awards at the 2012 Annual Meeting:

Pharmacist of the Year Award - Joel Hennefent, Aspen Healthcare Metrics, a MedAssets Company

Volunteer of the Year Award - Andrew Smith, UMKC

Rising Stars - Katie Myers, Dawn Dankenbring, Ashley Marie Harbison, Jennifer Lamar, Hilary Marks, Chantel McMain, Lucy Von Korff, Nick Bennett, Mark Hamm, Lindsey McGreer, Amber Sawyer, Eric Wombwell, Erin Hohman, Allison King, Cassandra Peters, Michelle Steyer, Thomas Sandifer, Alissa Bearly, Amanda Blake, Bushra Muraywid, Molly Musterman, Hannah Rone, Jenna Whitson, Kylie Barnes, Kathleen Lusk, Lyndsi Meyenburg, Elizabeth Riney, Katie Buehler, Valerie Raney, Hannah Pope, Joshua Holland, Tyler Barnes

MSHP congratulates each award winner and thanks them for their excellence in health-system pharmacy!

ASHP Honors MSHP Members for Practice Excellence and Leadership

Joel A. Hennenfent, PharmD, MBA, BCPS, and Julie A. Murphy, PharmD, BCPS, were two of thirty health-system pharmacists given the title "Fellow" by the American Society of Health-System Pharmacists (ASHP) in recognition of the excellence they have achieved in pharmacy practice. The American Society of Health-System Pharmacists (ASHP) Practitioner Recognition Program recognizes excellence in practice and promotes public awareness of outstanding pharmacists.

Each applicant's credentials are assessed against rigorous criteria that include contributions to the scientific literature, research, education and active involvement and leadership in ASHP and their affiliates. Applicants also must have practiced in health-system pharmacy for at least 10 years. This year, Dr. Couldry will be honored on Tuesday, June 12, 2012, during the ASHP Summer Meeting in Baltimore, MD. The program has recognized 720 Fellows since it began in 1988. Congrats Joel and Julie!!

Several MSHP Members Appointed to ASHP Committees

ASHP Committee appointments were announced in March, and several MSHP members were included. Congrats to all our members who were appointed. They include:

- **Brad Cook** □ Commission on Affiliate Relations
- **Daniel Good** □ Council on Pharmacy Management
- **Joel Hennenfent** □ Council on Therapeutics

MSHP Welcomes New Members!

April

Elizabeth Amick, Student

Matthew Ford, Pharmacist

Lise Hippe, Student, Creighton

Brett Heuring, Pharmacist, Barnes-Jewish Home Care Services

Tyler Kenney, Recent Grad

Jason Kramer, Pharmacist, CoxHealth

Megan Quick, Pharmacist, Rite Aid Pharmacy

GKCSHP Report

GKCSHP Summer Social Event

GKCSHP will be hosting a summer social event at a Sporting Kansas City match this year! Join us for tailgating, soccer, and a summer night out at LIVESTRONG Sporting Park!

Date: July 28th

Time: TBA

Game Time: 7:30 p.m.

Tailgating: We will have a tent on the grounds of the stadium.

Tickets include unlimited food and two drink tickets per person in the tailgating tent, along with a ticket to see Sporting KC take on the Columbus Crew.

Cost: \$30.00/person

Look for more details in an email blast as the event gets closer.

Member Spotlight

Andrew Smith, PharmD, BCPS, AQ Cardiology, received the UMKC Teacher of the Year award this year! Andy currently serves on the GKCSHP Board as the Immediate Past President.

Congratulations Andy!

STLCOP-SSHP Report

Lindsay Rippelmeyer, PharmD Candidate 2013
President, STLCOP SSHP

Kaci Borgmann, PharmD Candidate 2014
President-Elect, STLCOP SSHP

This has been a very busy semester for the St. Louis College of Pharmacy (STLCOP) Student Society of Health-System Pharmacists (SSHP). On March 29th, the SSHP held its annual residency panel discussion that consisted of seven residency program directors and six pharmacy residents. We were excited to have such a great turn out and see the number of students interested in residency training. The students in attendance were provided with a great deal of helpful information.

Lang Speaks to Students

On April 3rd, one week before Missouri Legislative Day, Douglas Lang, RPh spoke to students about how knowing your local legislators can truly impact your professional life after graduation. He spoke about where public policy comes from and how one can influence future pharmacy policy by knowing his or her legislators. He discussed how many legislators do not

know the impact a pharmacist can have as part of a medical team. Many legislators believe that a pharmacist is only able to count pills; it is therefore our responsibility to show them that we are the medication experts in the field and that we can have a truly positive impact on patient care. He encouraged students to get involved at local, state and national levels because the more involved students become the more influence they can have on the practice of pharmacy as a whole. Mr. Lang also spoke about the current issues facing Missouri including the current drug shortages, methamphetamine issues, and emergency contraception and prescription channel issues. Many students were enlightened as to how those issues were being addressed in our state. Many students do feel strongly about these issues but were unaware as to what they could do to make their voice heard, and the impact they can have on their legislators.

Volleyball Tournament Held

On April 5th, the SSHP partnered with the St. Louis Society of Health-System Pharmacists (StLSHP) to put on a volleyball tournament. Teams consisted of students playing against StLSHP pharmacist members. This was a very exciting and fun event. There were six teams that entered into the tournament and everyone seemed to have a really great time. This event was planned in hopes to increase student involvement in the local StLSHP affiliate.

Community Service Event

On April 13th, the SSHP partnered with Janelle Mann, PharmD, a Clinical Pharmacist at Siteman Cancer Center, for a community service event called "Cancer Care Packages and Safe Medication Disposal". Dr. Mann presented an informal talk regarding proper and safe disposal of medications and how this is different when disposing of chemotherapeutic medications to numerous patients in the outpatient waiting room. After the presentation, a group of students handed out Cancer Care Packages that consisted of word puzzle books, hand lotion, chapstick, antibacterial hand gel, tissues, and flyers regarding safe medication disposal, as well as information on National Drug Take-Back Day. Dr. Mann finished by giving students who are interested in oncology a tour of Siteman Cancer Center. This is a great way for students to become involved and to give back to the community.

At the end of the very active semester, SSHP elections were held. Kaci Borgmann will be the incoming President for SSHP at STLCOP and Stephanie Tackett was elected to be the incoming President-Elect. Following elections, a membership drive was held and the SSHP Chapter gained many new members. Planning for the fall semester has already been started and we are looking forward to another great and productive year!

ASHP News

ASHP Launches Ad Campaign Telling Congress to Help Resolve Drug Shortages

The American Society of Health-System Pharmacists, together with its partners, the American Hospital Association, the American Society of Clinical Oncology, and the Institute for Safe Medication Practices, launched a series of advertisements urging Congress to keep the strong drug shortages provisions currently in the bill that reauthorizes funding for the Food and Drug Administration (FDA). A bipartisan workgroup of the Senate Committee on Health, Education, Labor, and Pensions developed the drug shortages provisions in the Prescription Drug User Fee Act (PDUFA), which is must-pass legislation. The bill includes a requirement that drug manufacturers notify the FDA of any problems that may decrease production. ASHP and our partners have worked hard to support this provision as a critical step that can make a significant improvement in preventing drug shortages. [Read More](#)

Get Your Member of Congress' Support for Drug Shortages Provisions in PDUFA

The Centers for Disease Control and Prevention's (CDC) *Get Smart: Knowing When Antibiotics Work* program has announced a free, ACPE accredited CE program titled *Weighing in on Antibiotic Resistance: Community Pharmacists Tip the Scale*. This one hour CE is directed at practicing community, outpatient, or ambulatory care pharmacists. The CE program is available by [visiting the CDC website](#).

Pharmacy News

UMKC Schedules Program

Congress will soon consider the Prescription Drug User Fee Act (PDUFA), legislation that contains several ASHP-supported provisions, including a requirement that drug manufacturers notify the Food and Drug Administration (FDA) when they experience a production interruption or discontinue making a drug. You can be the voice for your patients by asking your two senators and congressional representative to support the drug shortages provisions in PDUFA. [Read more](#).

Pertzye Approved for Pancreatic Insufficiency

Digestive Products Inc. on May 18 announced (PDF) the approval of Pertzye delayed-release oral capsules for the treatment of exocrine pancreatic insufficiency in patients with cystic fibrosis or other conditions. Pertzye contains porcine-derived lipases, proteases, and amylases and was previously marketed as an unapproved pancreatic insufficiency treatment under the name Pancrecarb MS-16. A Digestive Products spokesman said the company hopes to make Pertzye available in pharmacies in mid-July. [Read More](#)



Pharmacists Say it Best ...

"I've had the pleasure to work with PTCB CPhTs and rely on their support to my pharmacist activities in providing patient care. Our pharmacy simply couldn't function without them."
—Stacie Barkett, RPh, Long Term Care Pharmacy Lead Pharmacist, Providence Specialty Pharmacy Services, Portland, OR

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