

December 2012

OSHP Newsletter

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Letter from the President

Ann Lloyd, Pharm.D., BCPS

It is hard to believe that the end of the year is quickly approaching. It has been a busy time for me personally and for OSHP as well. Many of you know that my family welcomed our third child, Dashiell John Lloyd, on September 25th. While the Lloyd family has been getting used to a new member of our family, OSHP members have been busy with many activities. I would like to thank the entire Board of Directors and all of the committee members who have been instrumental in keeping the business of OSHP moving along while I have been on maternity leave.

In August, the Board of Directors completed and submitted the documentation necessary for the State Affiliate Review Process with the American Society of Health-System Pharmacists (ASHP). I would like to thank all who were involved with helping us gather the necessary documentation and letters of support needed to complete the process. We anticipate receiving notification of ASHP's decision regarding our affiliation status at the beginning of 2013. This process was a very helpful one to our organization as it allowed us to see where we have been over the past several years and where we may need to strengthen our efforts. While we were studying the OSHP history documents, we were happy to discover that this is the 60th anniversary year of OSHP!

Also in August, we hired our new staff secretary, Lisa Slaton. Lisa has been a very welcome addition to the OSHP family, and we are excited about her joining us. I would like to thank her for quickly getting up to speed on our organization. She has been extremely helpful in responding to all of our needs, and we are looking forward to continuing to work with her. Lisa can be reached using the OSHP email address: OklahomaSHP@gmail.com.

President's Letter - continued

More than 80 of you gathered together on October 5th, for our fall meeting which was held at the Oklahoma City Zoo. As always, we provided six hours of continuing education credit to those in attendance. The Residency Showcase was held at the end of the day to provide an opportunity to highlight the area residency programs for those pursuing residency training. Also, we were pleased that the vendor showcase continues to be successful with twenty-four vendors in attendance at this meeting. I would like to thank the Programming Committee for their efforts in putting together this meeting. The committee is currently busy with the initial planning for the OSHP Annual Meeting. Please mark your calendars to attend this meeting which will be held at St. John Medical Center in Tulsa on Friday, April 12, 2013. In addition to great programming and networking, the day will be filled with residency project presentations and our officer initiation ceremony.

The Membership Committee has been hard at work this fall. In October, the Membership Committee held membership mixers in Oklahoma City and Tulsa to provide an opportunity for prospective and current members to socialize. If you missed this opportunity to join OSHP, please consider joining or renewing by December 31th. By renewing now, you will not miss out on any of the benefits associated with membership in OSHP. Also, please encourage your co-workers, including technicians and students, to join OSHP.

Many of our other committees have also been meeting during the past several months. The ad hoc committee working on the revisions to our policies and guidelines has submitted the first draft of changes to the Board, and we are working on finalizing these before posting them for member review and comment. The Finance Committee has been working on developing our budget for the upcoming year. The Nominations Committee has requested nominations for the OSHP representatives for the ASHP House of Delegates. The Legislative, Scholarship and Awards, and ad hoc Communication Committees are gearing up for activities in the spring. Finally, the Newsletter Committee has continued to produce an outstanding newsletter. I would like to express my thanks to all who have volunteered to serve on these committees. The commitment from these volunteers is certainly what makes our organization a successful one.

I would also like to thank Past-President, Nancy Williams, for organizing OSHP's involvement in the St. Jude Give Thanks Walk. For a second year, OSHP participated in this event. On November 17th, in both Oklahoma City and Tulsa, OSHP members donated their time and resources to this service event. In addition to donating over \$600 to St. Jude, OSHP members walked and volunteered at the Give Thanks Walk.

In closing, I would like to make you aware of an upcoming opportunity to become more involved with our organization. In keeping with our goal of recruiting and retaining new members to OSHP, I would like to call for participation in the OSHP mentorship program. The program, which began last year, provides an opportunity for OSHP members to be connected to a mentor they can reach out to for career advice, networking, and many other issues. If you are interested participating in this program as either a mentee or mentor, please contact me.

I hope that you enjoy this edition of the newsletter, and thank you again for your support of this organization. Please feel free to contact me with any ideas or suggestions for OSHP (ann-loyd@ouhsc.edu).

The Compounding Crisis

The outbreak of infections resulting from contaminated steroid injections supplied by the New England Compound Center (NECC) has raised concerns over the regulation of compounding pharmacies. To date, 590 cases of fungal infections within nineteen states have been tied to the Framingham, Massachusetts specialty pharmacy. Thirty seven patients have died from complications related to these infections. Three lots of contaminated preservative-free methylprednisolone acetate were recalled from NECC in September. On November 1st, the U.S. Food and Drug Administration (FDA) and Centers for Disease Control and Prevention (CDC) reported results from three additional recalled NECC products: betamethasone, triamcinolone and cardioplegic solution. The products tested positive for bacterial and fungal contamination. NECC's sister company, Ameridose and its partnering distributor, Alanaus have voluntarily recalled all their products as of October 31st.

Due to the persistence of national drug shortages, hospitals and other providers have needed to rely on compounding pharmacies such as NECC to obtain medications in short supply. The events stemming from the contaminated injections supplied by NECC bring to light the issue of “compounding” versus “manufacturing”. Compounding pharmacies such as NECC are intended to operate on a limited basis whereby a licensed pharmacist compounds the medication in response to a prescription from a healthcare provider to tailor to the medical needs of an individual patient. NECC was operating outside its license and had extended into the realm of manufacturing without adhering to the regulatory oversight governing drug manufacturers. Lawmakers are concerned that compounding pharmacies like NECC may have been producing a far larger quantity of products than the FDA guidelines permit in response to the demand from hospitals unable to acquire the drugs needed to adequately provide care for their patients.

As the compounding industry continues to evolve, it appears that state and federal regulations have not kept pace, and more stringent legislation is warranted to narrow this gap. In early November, United States Representative Edward Markey (D-MA) introduced a bill to increase oversight of compounding pharmacies.

The bill requires compounding pharmacies that produce medications on a large scale to register with the FDA as drug manufacturers and that compounded medications be labeled as such. Democratic representatives Rosa Delauro from Connecticut and Nita Lowery from New York have also introduced a bill to strengthen the FDA's jurisdiction over specialty pharmacies and require compounders to register with the Agency. Other aspects of this particular bill include a stipulation whereby patients would have to be notified when receiving a compounded drug and a request for the FDA to establish minimum production standards for compounded drugs. Early this month, the National Associations of Boards of Pharmacy (NABP) Executive Director Carmen Catizone, MS, RPh, unveiled an action plan to inspect non-resident compounding pharmacies and create a database to share regulatory information about these pharmacies with the State Boards of Pharmacy nationwide.

The Compounding Crisis – continued

Oklahoma health-system pharmacy has also been affected by numerous medication shortages, so is it possible for the Massachusetts-based system failure to occur here? Fortunately, there are a couple of safeguards in place to consider. First, Oklahoma pharmacy practice is impacted on a daily basis by the United States Pharmacopeia (USP) chapter <797> standards to ensure the safety and sterility of our sterile product admixture “compounding”. Albeit this is a federal standard, Oklahoma Pharmacy Law subchapter 10 “Good Compounding Practices” holds us accountable to this standard in our individual institutions. Unfortunately, Oklahoma is only one of three states that have fully implemented USP <797> standards. The Oklahoma Pharmacy Law book also includes Chapter 20 “Manufacturers, Packagers and Wholesalers” that sets forth the minimum standards and requirements for conduct of interstate and/or intrastate transactions in Oklahoma, including annual registration with the State Board of Pharmacy.

As drug shortages impact Oklahoma as in other parts of the nation, health-systems should exercise caution and due diligence to ascertain the pedigree of the medications that are being procured and try to determine with some certainty that the manufacturer is reputable and adhering to guidelines for providing medications responsibly and appropriately. From the Oklahoma Pharmacy Law book, “Whenever drugs or pharmaceutical services are obtained from outside of a hospital facility, arrangements shall be made to insure that such outside pharmacies provide their services in a manner which assures the safety of the patients and properly serves the need of the hospital facility”. (Subchapter 535:15-5-13a) If a drug is available from an out-of-state manufacturer at a significantly lower cost than what is available from an in-state source, it is well worth investigating the reason for the disparity. It is advisable to ask for a copy of the compounding facility’s last inspection from the resident State Board of Pharmacy. One may also contact the resident State Board of Pharmacy with which the compounding facility is registered and submit an open records request to identify complaints that have been made against the facility.

The NECC system failure has precipitated a public health tragedy and serves as a wake-up call to establish more clearly defined criteria and rules that will apply to drug compounders that are actually functioning as manufacturers. Proposed legislation is likely to provide the FDA more authority over those compounders that distribute medications on a large scale but should not create new roadblocks for traditional pharmacy compounding already being performed safely and effectively.

OSHP Membership Drive Mixers

On October 8th and 9th, the Western District and Eastern District held autumn OSHP Membership Drive Mixers. The gatherings provided light hors d'oeuvres and beverages at McNellie's Pubs in Oklahoma City and Tulsa. The goal was to attract new members by having the mixers in a comfortable environment where everyone could meet and visit.

Brooke Honey reported that the Tulsa mixer had thirty-three in attendance. New member candidates came out to learn more about the organization, and current members came to support the event and to meet potential new members. A fair number of students from both SWOSU and OU came downtown, and several pharmacy residents from the local Tulsa residency programs attended.

Rebecca Dunn reported that ten to fifteen people attended the Western District mixer and one or two new members joined the organization.

The annual membership drive is currently underway, and members are reminded to renew their dues for 2013 by December 31st. Members who have not renewed by that date will be listed as inactive in the membership database. Membership renewal can be accomplished online at www.oshp.net.

The Oklahoma Society of Health-System Pharmacists (OSHP) welcomes Lisa Slaton as the newly hired OSHP Staff Secretary. Lisa was born and raised in Oklahoma. She graduated with a Bachelor of Science degree in Family Relations and Child Development from Oklahoma State University. She met her husband while at OSU and they have been married for 12 years. She loves spending time with her husband, four children, and puppy. She enjoys volunteering with a Cub Scout Troop and helping at her children's school. Lisa began in her new role with the Society on September 1, 2012, and we are already indebted to her service as she jumped right in and helped this year's Fall Meeting run smoothly. In addition to assisting with statewide meetings, her other responsibilities include membership database maintenance and serving as the respondent behind the oklahomashp@gmail.com address.

Welcome, Lisa!!



Fall Meeting 2012

The Oklahoma City Zoo was the backdrop for the 2012 Oklahoma Society of Health-System Pharmacists (OSHP) Fall Meeting on October 5th. Over sixty pharmacists and technicians attended the educational sessions and were eligible to earn up to six hours of continuing education (CE) credit. The program was comprised of the following speakers and presentations:



“Clostridium difficile Update” (*Jeffrey Stroup*)

“New Hematology/Oncology Drug Updates” (*Patrick Medina*)

“Introducing a Clinical Pharmacist into the Emergency Department” (*Cheri Lemons*)

“There’s a Kid in the Emergency Department: Now What?” (*Peter Johnson*)

“Hazardous Drugs: Cradle to Grave Best Practices” (*Firouzan Massoomi*)

“Pertussis: What’s the Big WHOOP-Dee-Doo?” (*Tracy Hagemann*)



As the Accreditation Council for Pharmacy Education and the National Association of Boards of Pharmacy have implemented changes in CE reporting, this was the first exposure to the new CE verification process for many of the pharmacists claiming CE credit.

The 2012 Fall Meeting was a successful array of continuing education and networking opportunities for all in attendance, and the Program Committee deserves recognition for their outstanding job organizing this event. OSHP members eagerly await the 2013 Annual Meeting!!

Fall Meeting 2012 - continued



The Fall Meeting once again featured a Vendor Showcase during which meeting participants and pharmaceutical representatives could interact. This year's Vendor Showcase was represented by over twenty companies, and the Society continues to be grateful for their continued support.

Pharmacy residents, interns, and students also attended the Fall Meeting. This group of attendees were the beneficiaries of the annual Residency Showcase featuring ten different programs offering both postgraduate year-one (PGY-1) and PGY-2 residencies. During the Residency Showcase, individuals interested in postgraduate training had the chance to interact with program directors and preceptors and gather information related to postgraduate training programs in the state.



SWOSU Fall 2012 sOSHP Chapter Highlights

Faculty Advisors: Tiffany Kessler and Nancy Williams

Our Southwestern OSHP Student Chapter had another busy and productive fall semester. We hosted several great speakers, had a membership drive, and organized the local Clinical Skills Competition.

Our speakers this semester have included Dr. Mark Gales and Dr. Erin Callen. In October, Dr. Gales came to give our group information and helpful tips in preparation for the annual Clinical Skills Competition. Dr. Callen spoke to us in November about the different components of a residency and her personal experiences as a resident. She also covered working as an infectious disease specialist and told us about her career at St. Anthony Hospital. In addition, Dr. Callen described her past experience of working in an HIV clinic in Las Vegas, which was extremely interesting! We are currently planning to have Mr. Stan Young come speak to us in December about his work as a pharmacist with the FBI. We are very lucky to have someone with such unique experience willing to come and share!

As is customary in the fall, we set up and sponsored the local Clinical Skills Competition. Eight teams competed this year. Congratulations to the winning team of Robyn Dowdy and Lucy Ramon who will proudly represent SWOSU in the national competition at the ASHP Midyear Clinical Meeting in Las Vegas.

For our community service project this semester, several officers and members volunteered at the St. Jude Give Thanks Walk on November 17th. We passed out water bottles and t-shirts to the participants. We also cheered on the walkers and held up St. Jude signs. It was a fun experience and a great opportunity to support a worthy cause.

OSHP recently revised their bylaws, which now include two student representatives (one from each pharmacy school) as non-voting members of the Board of Directors. One of our officers, Corey Williams, volunteered to represent our school. He has learned a lot about the state organization and has also provided the board members a student's perspective on certain issues. This has been a valuable experience.

Following our December meeting, officers for Spring 2013 will be elected. We are very excited about our plans for the spring semester and look forward to a great group of speakers and activities. We would like to thank all of our officers and especially the faculty advisors for doing such a great job!

Officers	Fall 2012
President	Melody Elder
President-Elect	Jennifer Le
Secretary	Thomas Tran
Treasurer	Corey Williams
Fundraising Co-Chairs	Nhu Tran Nazifa Chowdhury
Historian	Victoria Lam



OU Fall 2012 sOSHP Chapter Highlights

Faculty advisors: Michele Splinter and Ann Lloyd

The University of Oklahoma's student chapter of the Oklahoma Society of Health-System Pharmacists is continuing to lead student organizations within the college as an advocate of clinical pharmacy and professional service to the community. The organization is maintaining its past professional service activities while attempting to expand its programs for the community.

The academic year began with the first organizational meeting which was designed to recruit students into the organization. This effort has resulted in the student membership totaling 88 members. Students in attendance were informed of the benefits of membership in the student organization, as well as the opportunities available to members of the national and state organizations. Additionally, the second organizational meeting introduced current and prospective members to Dr. Mark St. Cyr, the Director of Pharmacy at OU Medical Center. Dr. St. Cyr presented the responsibilities of his position within the health-system and the measures currently being developed to prevent drug diversion.

Efforts to engage students in clinical pharmacy have occurred through the annual Clinical Skills Competition held in October and the Residency Panel in November. Five teams from Oklahoma City and one team from Tulsa competed, and the team of Shivani Shah and Debbie Leung earned the opportunity to represent our college at the national competition at the ASHP Midyear Clinical Meeting in Las Vegas. Additionally, the Residency Panel provided current students with a forum to learn about residency programs from current residents located in Tulsa and Oklahoma City. This annual forum allows each resident to present his or her own unique perspectives on how to become competitive for residency positions, important features of quality residency programs, and the responsibilities and lifestyle of a resident.

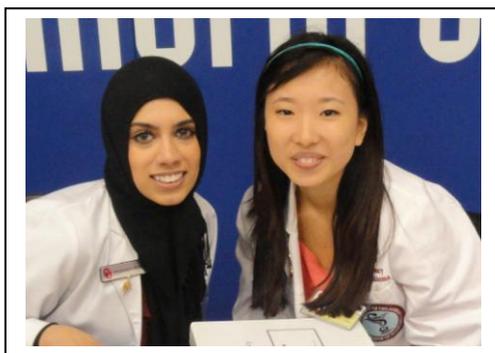
Community service has also been a primary objective of the organization. Students performed blood pressure, glucose, and lipid monitoring during the Integris Men-U Health Fair, and they obtained experience in medication counseling at the Korean Health Fair. The chapter partnered with the college's chapter of The Rho Chi Society for smoking cessation advocacy and education at the City Rescue Mission Health Fair. Currently, the chapter is aiding the Children's Miracle Network through an empty prescription bottle drive which will help the organization to collect financial donations during the Mile of Quarters event. Additionally, the chapter has continued working with the Oklahoma Poison Control Center to provide educational activities at community events.

The organization is planning to continue involvement in the Marcus Garvey Project. This project was developed in 2011 to educate students at a local charter school that serves an underprivileged population. The children are taught about nutrition, physical fitness, and poison prevention. A committee within the chapter is developing new activities to continue to engage these students in active learning and leadership.

The chapter will continue to promote clinical pharmacy and residency opportunities. Current student officers have provided their members with exceptional opportunities to develop as professionals and leaders. The organization should be able to broaden its role in the community and as an organization within the college.

OU Chapter Highlights - continued

	Oklahoma City Campus	Tulsa Campus
Faculty Advisors:	Michele Splinter	Ann Lloyd
Chapter President:	Roshni Patel	
Vice Presidents:	Amy Sid	Rebekah Panak
Secretaries:	Xiangyu Tan	Lindsey Crane
Treasurers:	Courtney Bishop	Calli McLean
Service Chairs:	Ruby Oh	Lindsay Bebout
Historians:	Stephanie Garland	Allyson Vortruba



Oklahoma Society of Health-System Pharmacists 2012-2013 Board of Directors Listing

Name	Board Title	E-Mail
Ann Lloyd	President	ann-lloyd@ouhsc.edu
Nancy Williams	Past President	nancy.williams@swosu.edu
Miki Finnin	President-Elect	miki.finnin@medicationadvisors.com
Peter Johnson	Treasurer	peter-johnson@ouhs.edu
Kari McCracken	Secretary	kari.mccracken@sjmc.org
Teresa Truong	Western District Chair	teresa-truong@ouhsc.edu
Kristie Williams	Eastern District Chair	OSHPEasternDistrictChair@yahoo.com

Direct From the Director

Interview by C. Ryan Tomlin, PharmD, PGY-1 Resident, OU College of Pharmacy

I recently had the opportunity to talk with Mark St. Cyr, the current Director of Pharmacy for the Oklahoma University Medical System. We discussed his career path and what he feels are some of the challenges facing hospital pharmacy. Mark credits his initial desire to become a pharmacist to a local grocery store pharmacist. “As a teenager in the 70's, I worked in a grocery store in Oklahoma City where an independent pharmacist had a pharmacy. I observed throughout those years how important he was to his patients and how well-respected he was as a pharmacist -- it made me want to be a pharmacist.” Subsequently, he graduated from the OU College of Pharmacy in 1977 and completed a Masters of Public Health (Department of Health Administration) degree in 1980. He has been affiliated with the Presbyterian Hospital and Health Sciences Center since 1976, and currently oversees pharmacy operations at both the downtown and Edmond-based facilities.

When asked what he feels is the greatest challenge being faced by hospital pharmacies, he stressed the importance of balancing automation and technology with manpower and clinical knowledge. “In the early 1970's, things such as computer systems and automated dispensing machines were not even a part of the hospital pharmacy practice setting. Today, one of the greatest challenges we face is maintaining our knowledge base and striking the right balance between our obligations to oversee and manage the drug distribution system with our clinical responsibilities - technology is as increasingly complex as are many of the new drug therapies.” As a solution to help balance the need for technology to assist in managing the increasingly demanding field of hospital pharmacy while still maintaining our clinical responsibilities as pharmacists, He stressed the importance of membership and participation in state and national pharmacy organizations. “[These organizations] are a critical part of staying up-to-date and knowledgeable about practice initiatives that guide our profession.”

Finally, when asked if he had any advice for upcoming and current practitioners, he encouraged involvement in local not-for-profit organizations. “One of the things I found to be very rewarding is to become involved in volunteer organizations such as your local United Way or non-profit healthcare-related organizations. Pharmacists are always a welcome addition to these groups and many times can contribute directly to the success of those organizations.”

Want to get Involved?

Do you want to get more involved in OSHP? There are always opportunities!!! Below are the chairs and co-chairs for the various committees for the upcoming year. We welcome additional involvement from students and technicians in our activities. You may contact any of the committee chairs below to find out how to get more involved.

Committee	Chair
Membership	Rebecca Dunn and Brooke Honey
Program	Jennifer Wakefield
Residency Showcase	Mark Gales
Vendor Showcase	Lisa Mayer
Legislative	Tracy Hageman
Newsletter	Teresa Lewis and Yvette Morrison
Nominations	Tiffany Kessler and Jamie Miller
Finance	Pete Johnson
Scholarship and Awards	Michele Splinter
Policy and Guidelines; Ad Hoc Committee	Susan Conway
Social Media and Communication; Ad Hoc Committee	Pete Johnson

You can also find this information, including email addresses, on the OSHP website at:
http://www.oshp.net/index.php?option=com_content&view=article&id=49&Itemid=59