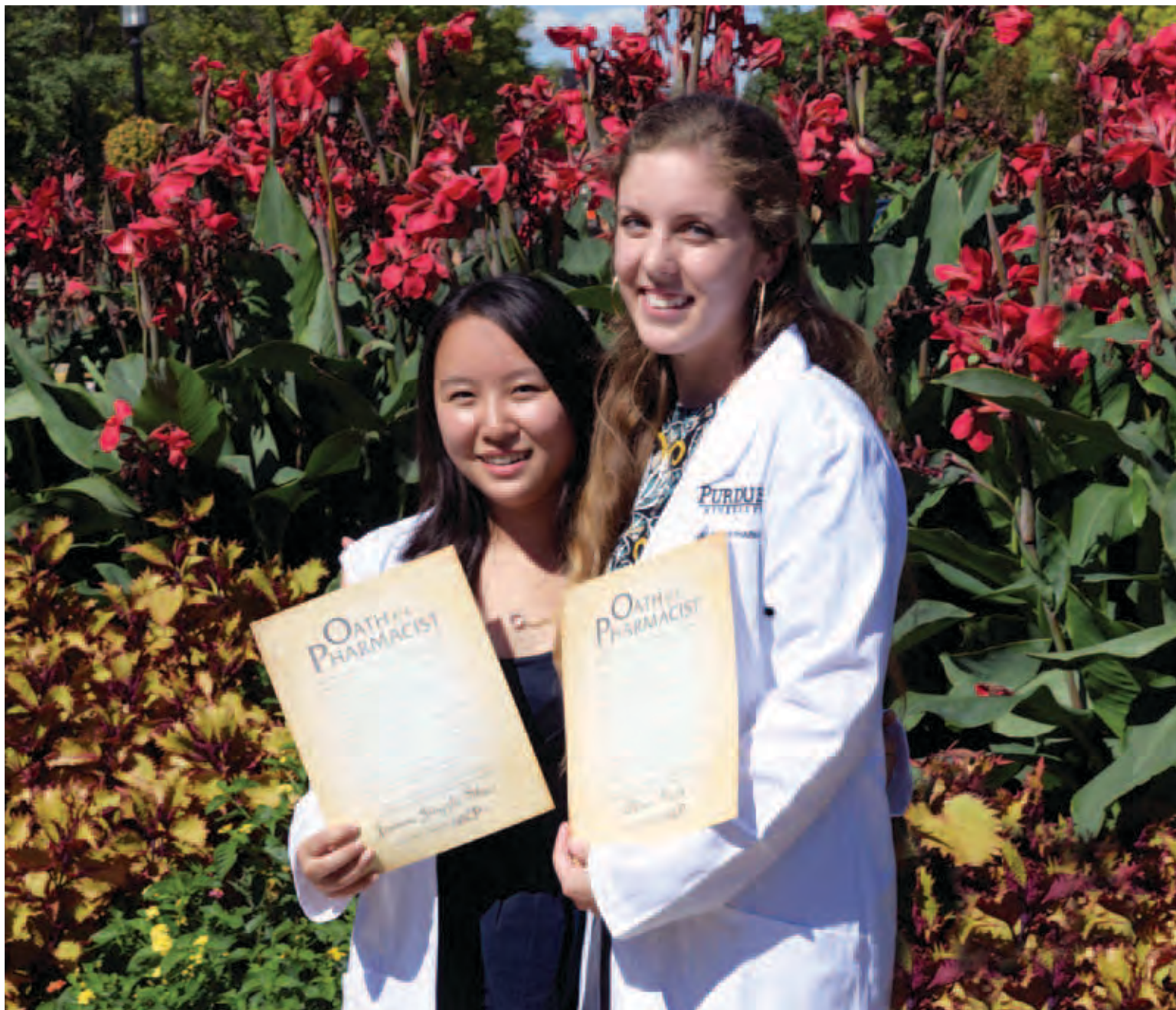


THE PURDUE PHARMACIST

Winter 2017 | Volume 92, Issue 2



PURDUE
COLLEGE OF PHARMACY

FROM THE DEAN



Transitions. They happen all the time and represent a change, a passage, or movement from one position to another. Daily we mark transitions by the clock and the calendar. Some of the most important transitions in life are less frequent and deserve special recognition. In this issue of *The Purdue Pharmacist*, we highlight some of the important transitions that occur in the life of your College of Pharmacy. Among these is our White Coat Ceremony. This is a very special time marking the transition of our students from the world of undergraduates into the realm of a professional program. It is most fitting that their transition to student pharmacists is marked by a formal ceremony that many view as one of the top two highlights of our academic year (with the other being graduation).

Another important transition occurs when individuals join our College faculty. In this issue you will read about two new faculty members and the substantial expertise and experience that they bring to our faculty. We also mark the close of the career of one of our long serving faculty members. As faculty are the foundation of all that we do in the College, it is good and right that we make special note of these transitions.

As announced previously, I will be making my own transition out of the deanship and into a full-time faculty role effective July 1, 2017. It has been a tremendous privilege for me to serve as Dean of your College of Pharmacy for over 10 years. The greatest reward during this time has been the ability to interact with the amazing people who make up the Purdue Pharmacy Family. Among those are the generous donors who provide such critical support to our students, faculty, and programs. We celebrate these donors in a special way at our annual Donor Recognition Brunch. Engaging with and recognizing the achievements of our alumni has repeatedly shown me why Purdue Pharmacy is a program of excellence.

Transitions can be an exciting and opportune moment in time. Those that we mark in this issue of *The Purdue Pharmacist* are worthy of celebration and serve as a reminder that continued excellence thrives by navigating transitions well.

Hail Purdue!

Craig K. Svensson, Dean

On the Cover:
White Coat Ceremony

THE PURDUE PHARMACIST
Volume 92, Issue 2 (Winter 2017)

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Winter 2017

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White Coat Ceremony

PURDUE
UNIVERSITY™



The Purdue College of Pharmacy welcomed the Class of 2020 to the pharmacy family on September 11, 2016. Over one thousand people gathered on campus to share in this special ceremony as faculty assisted the class with donning their white coats. The College extends its appreciation to Kroger Company for sponsoring this memorable event.

We were honored to have Michael Maddux, Executive Director of the American College of Clinical Pharmacy (ACCP), serve as the keynote speaker. Dr. Maddux received his PharmD from the University of California, San Francisco, and completed residency training at the University of Illinois at Chicago where he then served on the UIC clinical pharmacy faculty from 1980-1991, practicing in solid organ transplantation. In 1991, he moved to the St. Louis College of Pharmacy as Professor and Director of the Division of Pharmacy Practice, a post he held until joining ACCP as Executive Director in 2004. He has received awards for practice, teaching, and leadership, including the ACCP *Clinical Practice Award* and the UCSF *Distinguished Alumnus Award*. His publications have focused on clinical problems and pharmacotherapy in the organ transplant recipient, ability-based education, and curriculum assessment. 



Thank You!



COLLEGE OF PHARMACY FISCAL 2016 GIFTS

The College of Pharmacy is grateful to our alumni, friends, faculty, and staff whose support is critical to our continued success. Your generosity enhances the overall success of our programs and future alumni, and we thank you. A list of the names of our individual and corporate donors who made gifts during July 1, 2015, through June 30, 2016, can be found online at www.pharmacy.purdue.edu/annual-reports/2016/donors.

The College of Pharmacy is profoundly indebted to the generosity of our donors. Your donations greatly enhance the overall success of our programs, our reputation, and our future alumni. We invite all of you to participate at the appropriate giving club level. Every gift counts, and we thank each and every one of you for your support.

PURDUE
COLLEGE OF PHARMACY



Robert L. and Sandy Anderson (center) pose with their scholarship recipients

DONOR RECOGNITION

The Purdue College of Pharmacy hosted its annual Donor Recognition Brunch on October 29, 2016, at the Four Points by Sheraton in West Lafayette. The brunch provides the College with the opportunity to say thank you to its donors and to allow the donors and their scholarship recipients to meet and visit with one another. Guests were welcomed by emcees Megan Bereda and Shelby Wilkinson, both third professional year PharmD students and Phi Lambda Sigma members. Megan is President of Pharmacy Student Council and Shelby is President of Purdue Pharmacy Ambassadors. Julia Stone, also a third professional year PharmD student, was the student speaker. Julia is a member of Phi Lambda Sigma, serves as Community Outreach Coordinator for Purdue Student Society of Health-System Pharmacists, and is the Tutoring Co-Chair for Rho Chi.

Drs. Charles and Sarah Sanders served as our guest speakers. Charles (BS 1978) is currently Vice President of Medical Education and Research at Mount Carmel Health System, a four hospital system, in Columbus, Ohio. He also serves as Assistant Dean for Medical Education at The Ohio State University College of Medicine. Sarah (BS 1978, PharmD 1980) is the past president of the American Medical Association Alliance (AMA), a national organization supporting physician families, and is Treasurer of the AMA Foundation Board of Directors.

We appreciate all you do to support the Purdue College of Pharmacy!



Julia Stone



Megan Bereda and Shelby Wilkinson



Charles and Sarah Sanders, guest speakers, pose with scholarship recipient Caroline Muhoro



Scholarship recipients enjoy the brunch



Donor Ginny Tyler visits with scholarship recipients

BRUNCH 2016

The Craig K. and Sue J. Svensson Endowment for the Future



Dean Craig and Sue Svensson with Jeannie and Jim Chaney

The Purdue College of Pharmacy is pleased to announce the establishment of a dual-purpose endowment made possible by the generosity of Jeannie (BS 1961) and James Chaney. The couple's \$100,000 gift was presented to Dean Craig Svensson and his wife, Sue, during the Donor Recognition Brunch on October 29, 2016. The Craig K. and Sue J. Svensson Endowment for the Future will be used for the construction of a new building or renovations to the existing building. Until such time, funds from the dual-purpose endowment will support Pharmacy student scholarships.

"It seems inadequate to just say 'thank you' to Craig and Sue for all of their contributions to making the Purdue College of Pharmacy one of the preeminent colleges in the U.S.," remarks Jeannie. "When Jim and I first learned of Craig's plans to retire as dean effective June 30, 2017, we thought of ways we could recognize his many accomplishments. With that in mind, we have established the Craig and Sue Svensson Endowment for the Future."

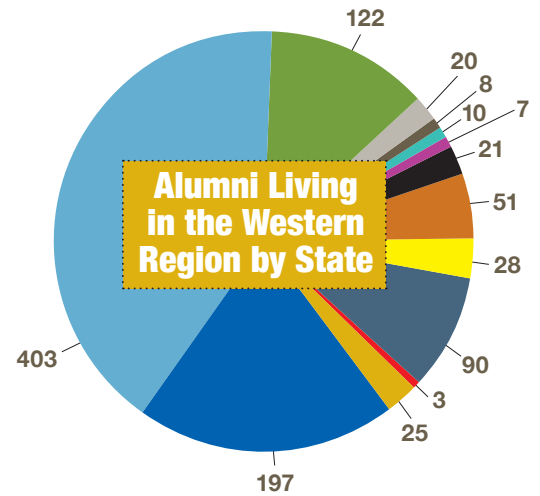
The Chaney's invite alumni and friends to join them by contributing to this fund as a way to honor the Svenssons and show gratitude for 10 outstanding years. You may mail a gift to the Purdue College of Pharmacy or make an on-line gift by visiting www.Giving.Purdue.edu/SvenssonEndowment. For additional information, please contact Katie Skeel, Manager of Development Operations and Donor Relations, at kjskeel@prf.org or (765) 494-1370.



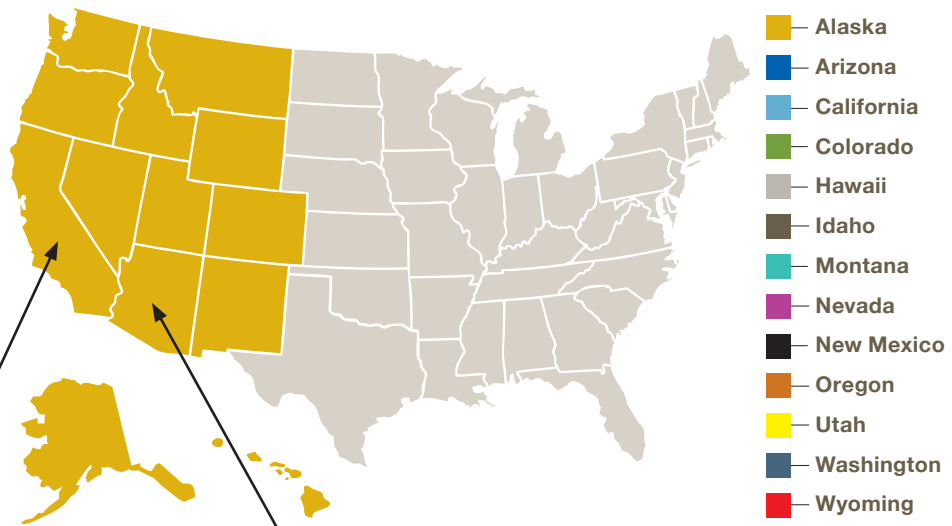
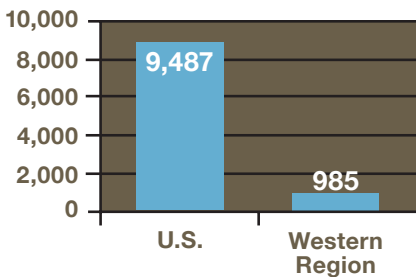
PHARMACY ALUMNI in the Western Region of the United States

The College of Pharmacy is proud to have alumni represented throughout the United States and around the world. Exactly where are all of our alumni located? We continue to highlight the different regions of the U.S. in this final segment of our series, this time showcasing our Western Region alumni. We are pleased to highlight our alumni in the states of Alaska, Arizona, California, Colorado, Hawaii, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

Each and every one of our alumni plays a vital role in the profession, and although we can't highlight all those who live and work in the Western Region, we thank each of you for representing the Purdue College of Pharmacy with pride!



College of Pharmacy Alumni Living in the U.S.



Bill Liu (PhD 1992) & Maggie Chang (PhD 1996)
Chairman and CEO & Senior Vice President of Quality Affairs
Handa Pharmaceuticals, Inc.
California



Sheryl Lowenhar (BS 1985)
Vice President, Sales and Marketing
Clinithink
Arizona

"Maggie and I settled in the San Francisco Bay Area in 1996, the same year Maggie received her PhD from Purdue. After working in several start-up companies, we started our own company in 2005. The San Francisco Bay Area known for its mild weather, innovative economy, diverse culture, and quality education provides an excellent environment for us to operate the company and raise our child."



"After graduating from Purdue and working as a pharmacist for a few years, I found I could use my education to work for a variety of healthcare information technology companies in several cities. I grew up in Northern Indiana and have lived mostly in large cold-climate cities in the U.S. However, the desert Southwest was always where I wanted to live. The golf season is year round and you don't have to shovel sunshine. We enjoy 300 days a year of blue skies. The Phoenix metropolitan area is the 6th largest in the country. If you are an outdoor enthusiast like I am, there is no better place to hike, bike, or golf."

SUZANNE BOUSQUET

Receives Sperandio Award

Suzanne Bousquet (BS 1958) is the recipient of the 2016 Glen J. Sperandio Award for Advancement of Pharmacy Practice. Sue is retired as a pharmacy manager with Marsh Supermarkets, and over the years she served as a Purdue Pharmacy preceptor for countless students. She is a past president of the Indiana Kappa Epsilon Alumnae and the Tippecanoe County Pharmaceutical Association. She has been very involved with her sorority, Phi Mu, having served as Alumnae Vice-President and National Extension Director, as well as serving as a member of the Phi Mu Foundation. She currently serves as Vice President of the Purdue Pharmacy Alumni Board.

The Sperandio Award recognizes a licensed pharmacist with a minimum of 10 years of service to the profession who is an alumna/alumnus of the Purdue College of Pharmacy. Other characteristics of the award recipient include providing leadership in local, state and/or national professional or fraternal pharmacy organizations; assisting pharmacy students and/or practicing pharmacists in advancing their careers; demonstrating innovations in the practice of pharmacy; participating in professional volunteer service activities within the community; and promoting pharmacy as a profession.

Upon learning that she had been selected to receive the Sperandio Award, Sue commented, "In retirement, this award made me reflect and appreciate the pharmacists with whom I began my professional career and the students who enriched those years."



Dean Craig Svensson presented Sue Bousquet with the Sperandio Award on September 30, 2016

14th Annual Garnet E. Peck Symposium

Purdue University · March 28-29, 2017

TOPIC

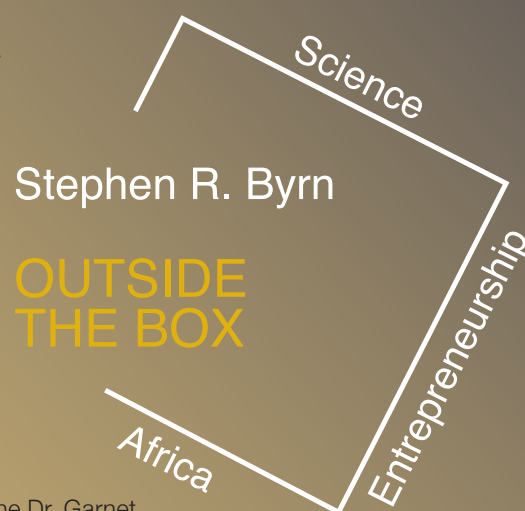
Outside the Box: Celebrating the Life and Work of Stephen R. Byrn

CO-CHAIRD BY

Dr. Lynne Taylor, Retter Professor of Pharmacy
Dr. Elizabeth Topp, Dane O. Kildsig Chair and Department Head

The Peck Symposium is hosted by the Department of Industrial and Physical Pharmacy, the Dr. Garnet E. Peck Graduate Scholarship, the Purdue College of Pharmacy, and the Varro E. Tyler Lectureship.

For more information about the symposium, please contact Jennifer Gray, IPPH Communications & Events Coordinator, Department of Industrial and Physical Pharmacy, at (765) 494-1484 or gray160@purdue.edu. Registration and further details will be available at www.ipph.purdue.edu/peck.



A Message from Benjamin Link

International Engagement Coordinator



I have the privilege of serving the Purdue College of Pharmacy as International Engagement Coordinator by focusing

on advancement efforts related to the Purdue Kenya Partnership (PKP) in Eldoret, Kenya. Upon my arrival in Kenya in February 2016, I met with several of the College's colleagues and Kenyans and have begun to familiarize myself with the many programs offered through the Academic Model Providing Access to Healthcare (AMPATH) program. One such individual I had the pleasure of meeting is Mr. Benjamin Andama, AMPATH Head of Department, Income Generation Initiatives.

Mr. Andama has been involved with AMPATH in Kenya since 2002. It's important to note the specific year because this was a period of devastation in western Kenya as individuals and communities were decimated by the HIV virus and resulting AIDS sickness and death. This was the era before lifesaving antiretroviral therapy (ART) medications

were available in Sub Saharan Africa and the diagnosis of HIV represented a certain death sentence. It was at this time that Mr. Andama met Dr. Joe Mamlin—then directing the field operation of the on-the-ground activities in Kenya in partnership with the Moi Teaching and Referral Hospital and Moi University School of Medicine—and a meeting of the minds took place on questions regarding the underlying social and economic factors that were exacerbating the HIV epidemic in Kenya. These realities also led Dr. Mamlin to reach out to other U.S. universities, including the Purdue College of Pharmacy, to build a comprehensive care delivery platform in Eldoret, Kenya.

Both men realized that making ART widely available to HIV-infected Kenyans was only the first step in the battle against HIV and that in order to truly halt the epidemic solutions would have to be found to the dual HIV catalysts of poverty and socio-structural factors like gender inequality. These conversations ultimately led to the creation of the PKP-AMPATH program called **B**ridging **I**ncome **G**eneration through group **I**ntegrated **C**are (BIGPIC).

Mr. Andama, along with Dr. Sonak Pastakia, Purdue Associate Professor of Pharmacy Practice, spent considerable time conducting a *root cause* analysis in order to understand exactly how poverty

and social factors exerted their influence on the health and wellbeing of Kenyan communities and individuals and then built the BIGPIC program to address the precise needs of the target population. The two architects of the program did not simply design the structure of the program, but took it one step further and insisted that the BIGPIC program had to function as a financially sustainable model where monies needed to operate the program would be generated from program activities and not be completely reliant on outside funding.

With these program objectives in mind, the BIGPIC model was envisioned to build upon the existing structure and principles of the ubiquitous community-based micro-loan cooperatives called Group Integrated Savings for Health Empowerment (GISHE) groups while adding on the key health initiative of screening and treating chronic disease. Community Health Volunteers (CHVs), who are community health experts drawn from within the communities in question, were identified as the lynchpin for the program—the “bridgers” of the economic and health activities—and the success of the entire model depended on their ability to layer the health initiatives onto the lending cooperatives.

I had the opportunity to further discuss the BIGPIC program with Mr. Andama on October 14, 2016, at the Moi Teaching and Referral Hospital in Eldoret, Kenya. I invite you to read excerpts from my conversation with him by visiting www.pharmacy.purdue.edu/BIGPIC.



Would you consider making a gift to support the Purdue Kenya Partnership? Your generosity enables lifesaving healthcare services and family support for the Kenyan families we serve. Please contribute by visiting <https://ampath.pharmacy.purdue.edu>.

For additional information, please contact Benjamin Link at BDLink@prf.org.

Center for Medication Safety Advancement

The Center for Medication Safety Advancement (CMSA) launched a post-graduate fellowship training program in medication safety in 2011. Since then, we have graduated pharmacists who have gone on to do everything from run medication safety programs in hospitals to pharmacovigilance programs for international pharmaceutical manufacturers. We are exceptionally proud of the role we get to play in training the next generation of medication safety professionals, but this incredible responsibility is also a shared one.

After our first year of this program, our Fellowship Program Director, Dr. John Hertig, began exploring the idea of how we might transform this program into a two year, rotational experience with a global pharmaceutical manufacturer and a regulatory agency, as well. This would expose our fellow to nearly every angle of the medication use process from manufacturing to regulation to the study of safe practices for use. Fortunately, he did not have to look for long as two enthusiastic partners surfaced almost immediately: Eli Lilly and Company and the Food and Drug Administration (FDA).

CMSA cannot say enough about how impactful these two partners have been to our shared program. The amount of time that has been dedicated to the development and execution of this program is evidence of the value that each member feels it brings to our organizations. The fellow spends eight months at each institution working to develop a deeper knowledge of safe medication use practices and how they are applied across the spectrum of drug development to patient use.

While at Eli Lilly, the fellow spends their time working with the Surveillance team within the Global Patient Safety group. During this time, the fellow has the opportunity to work cross-functionally between pre- and post-marketed compounds to detect and evaluate adverse effects and other potential problems to determine if they are drug-related. These experiences help our fellow to gain a foundational understanding of pharmacovigilance responsibilities within industry. These skills, paired with their experience at CMSA, are then applied at FDA in the Office of Surveillance and Epidemiology. Here, the fellow participates in intra- and inter-center projects on both pre- and post-marketed products. This work encompasses the utilization of adverse drug event data, medical literature, and established knowledge of marketed drug products to assess post-market safety-related issues and conduct active surveillance work.

Our current fellow, Kaitlyn Dana, comes to us from the University of Connecticut and has been serving in her current role since July 2016. She will graduate from the program in June 2018, but not before welcoming in a junior fellow in July 2017 to begin the next cycle of post-graduate training. Kaitlyn, as well as all of our previous fellows, are the heart and soul behind this program. Their efforts have resulted in publications, poster presentations at national conferences, and most importantly practice-changing research.

The fellowship program here at CMSA, Eli Lilly, and FDA is another example of how important educating the next generation of medication safety experts is to our profession and to our mission. It is our sincere hope that someday you will see our professionals working on and likely leading some of the teams in your pharmacy environment.

FELLOWSHIP PROGRAM



Kyle E. Hultgren, PharmD

Director, CMSA

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www.pharmacy.purdue.edu/cmsa

News From Continuing Education and Professional Development

Promoting the enrichment of an interprofessional and collaborative approach to continuing education and professional development has been the tenet of the Purdue College of Pharmacy's Continuing Education (CE) Program, with the ultimate goal of improving healthcare systems, practitioner performance, and patient outcomes.



In past articles, I have shared the variety of programming we have supported along with the types of collaborations we have established to successfully provide for this curriculum. There are three programs, in particular, that I would like to highlight in this article.

- The National Board of Pharmacy Specialties (BPS) has appointed the Purdue College of Pharmacy as the sole provider of continuing education (CE) for two BPS specialty areas:
 1. **Recertification in Nuclear Pharmacy (BCNP).** We are entering our second year of seven in providing CE to more than 350 nuclear pharmacists across the country who have subscribed to our nuclear pharmacy CE program. This programming was developed in collaboration with our nuclear pharmacy program faculty, specifically Dr. Kara Weatherman, Clinical Associate Professor of Pharmacy Practice and Director of Nuclear Pharmacy Programs.
 2. **Recertification in Nutrition Support Pharmacy (BCNSP).** As of January 2017, we launched our nutrition support pharmacy recertification program, representing the first time in BPS history that a recertification provider has been appointed to develop and implement a national program for nutrition support pharmacists. We have created a new web portal with 30 hours of content, which is currently available. New content will be added over the next six years, targeting a total of more than 100 hours of BPS-approved and ACPE-accredited CE. In addition, we have partnered with the American Society for Parenteral and Enteral Nutrition (ASPEN) to certify a portion of this live programming for BCNSPs at their annual Clinical Nutrition Week held in February 2017 in Orlando, Florida.
- Tobacco use is the leading known preventable cause of death in the United States, and clinicians can have an important impact on their patients' ability to quit. Working with Dr. Karen Hudmon, Professor of Pharmacy Practice, we have created a **suite of CE-accredited tobacco cessation training programs for clinicians.** These programs draw heavily from the U.S. Public Health Service (USPHS) *Clinical Practice Guideline for Treating Tobacco Use and Dependence*, advocating for the delivery of tailored behavioral counseling interventions in combination with

pharmacotherapy. The following two partnerships were initiated in the Fall of 2016:

1. Working with USPHS, we have created programming to advance the tobacco cessation counseling skills of all members of the USPHS—including both clinicians and non-clinicians. These programs are used in parallel with counseling skills assessments and tobacco-free pledges taken by commissioned officers.
 2. Teaming with St. Vincent Health, which serves patients throughout Indiana, we have created programming to develop a cadre of tobacco cessation trainers, who will then provide community-based trainings for clinician associates of their health network. This initiative focuses on increasing the number of clinicians who refer patients to the toll-free tobacco quitline (1-800-QUIT-NOW).
- In collaboration with the Primary Care Psychiatry Foundation (PCPF), we launched our first live conference in October 2016 covering the area of opioid use disorder for primary care, **Identifying and Treating Opioid Use Disorder in Primary Care**, which will be available in an enduring format this first quarter of 2017 at <https://ce.pharmacy.purdue.edu>. Dr. Carol Ott, Clinical Professor of Pharmacy Practice and Clinical Pharmacy Specialist in Psychiatry, served as Program Chair for the event. Topics covered include a current state of the problem; regulatory measures to combat prescription drug abuse; needle exchange and prescription drug monitoring programs; diagnosis of substance use disorder; and the neurobiology, pharmacotherapy, and psychotherapy of substance use disorder. PCPF provides high quality, interactive, continuing education opportunities leading to early identification, diagnosis, effective treatment, and appropriate referral of patients for practitioners in the primary care setting.

We look forward to continuing our effort in providing you with meaningful, timely, and challenging programming to mitigate practice gaps, resulting in improvement in patient outcomes—the ultimate goal!



Marlene

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DR. DANZHOU YANG

Martha and Fred Borch Chair of Cancer Therapeutics



The Purdue College of Pharmacy is pleased to announce the appointment of Dr. Danzhou Yang as the Martha and Fred Borch Chair of Cancer Therapeutics and Professor of Medicinal Chemistry and Molecular Pharmacology. Dr. Yang began her appointment at Purdue on July 1, 2016.

Dr. Yang received a BS from the University of Science and Technology of China, a PhD in Biophysics from the University of Illinois, and postdoctoral training in pharmaceutical sciences at the University of Kentucky. She most recently held the position of Professor in the Department of Pharmacology and Toxicology and the Department of Chemistry and Biochemistry at the University of Arizona where she also served as Director of the university's Drug Discovery and Development Graduate Program and the College of Pharmacy Nuclear Magnetic Resonance facility. She previously served as Assistant Professor and Associate Professor at the University of Arizona and was Research Assistant Professor of Chemistry at the University of Kentucky.

Her research is focused on structural and mechanistic studies of cancer-specific molecular targets and their interactions with small molecule compounds for structure-based rational design of anticancer drugs. In particular, she is interested in nucleic acid secondary structures and their associated proteins as molecular targets for cancer therapeutics.

Dr. Yang has been awarded several National Institutes of Health grants to support her research, including the National Center Institute's Howard Temin Career Development Award. She is a member of the American

Association for the Advancement of Science, the American Association for Cancer Research, and the American Chemical Society, and has chaired or served on a number of committees in these organizations. She also has served as a reviewer for *Nature*, *Nature Chemistry*, *Nature Chemical Biology*, *Journal of the American Chemical Society*, and *Journal of Medicinal Chemistry*.

The Martha and Fred Borch Chair of Cancer Therapeutics is made possible by a gift from Richard and Anne Borch. Dr. Richard Borch retired in 2014 as Purdue's Lilly Distinguished Professor and Head of the Department of Medicinal Chemistry and Molecular Pharmacology. He was a professor at Purdue for 18 years, served as Department Head from 1996-2014, and also served as Director of Purdue's Center for Cancer Research from 1997-2007. The couple made the gift in honor of Dr. Borch's mother, who died of cancer at a young age, and his father, who was a friend of past Purdue President Frederick L. Hovde.



FACULTY
SPOTLIGHT

Dr. Alissa Russ

Assistant Professor of Pharmacy Practice



Dr. Alissa Russ joined the Department of Pharmacy Practice as Assistant Professor in August 2016. She is also a Research Scientist with the Veterans Affairs (VA) Health Services Research and Development Center for Health Information and Communication and an investigator with Regenstrief Institute, Inc., in Indianapolis.

Dr. Russ completed a BS (Biochemistry, 2002) at Iowa State University and PhD (Biomedical Engineering, 2007) at Purdue University. After graduation, she completed a two-year VA Postdoctoral Research Fellowship in health services research.

What first drew you to your chosen profession and research field?

A one-month clinical internship that I completed with a nephrologist as part of my engineering PhD training; this was the first time I became aware of patient safety risks in healthcare.

Briefly describe your current research. *I integrate health services research with engineering methods to improve the design of health information technologies for medication safety. My expertise includes human factors engineering, usability evaluation, and health informatics. Since 2007, I have led federally-funded research to evaluate the design of medication alerts, including drug-allergy, drug-drug interaction, and drug-disease alerts. Some of my other interests include investigating medication safety incidents, understanding healthcare professionals' decision-making, and enhancing technologies to aid medication reconciliation. I'm honored to have given over 20 invited presentations and that my research has received special recognition from the International Medical Informatics Association.*

What is it that interests you most about this research? *I particularly enjoy interdisciplinary collaboration and the opportunity to conduct applied research that can improve healthcare delivery.*

What do you hope to accomplish through this research? *My long-term goal is to improve the design of healthcare technologies for both healthcare professionals and patients, which can ultimately reduce adverse drug events and help prevent patient harm.*

Prior to your appointment as Assistant Professor in the Department of Pharmacy Practice, you served as an adjunct faculty member at the College for several years while employed at the VA. Why did you choose to join the faculty as an Assistant Professor? *I joined the Purdue faculty for many reasons, including the opportunity to expand my research program in medication safety and work more closely with pharmacy faculty and students.*

What have you enjoy most about working with the students so far this year? *I had fun attending my very first White Coat Ceremony! It was exciting to see the energy and enthusiasm of the incoming pharmacy students.*



Dr. Ching-Jer Chang **RETIRES**

It is with great pride that the Purdue College of Pharmacy recognizes Dr. Ching-Jer Chang, Professor of Medicinal Chemistry, for his 43 years of dedicated service to Purdue University. Dr. Chang received his BS in Chemistry from the National Taiwan Cheng Kung University in 1965 and his PhD in Organic Chemistry from Indiana University in 1972. The following year, he was hired as Assistant Professor of Medicinal Chemistry at Purdue.

What first drew you to your interest in pharmacy? Why did you choose this career? *I had opportunities to spend all my undergraduate summer and winter breaks in a natural products research laboratory, directed by my brother who was Professor of Organic Chemistry at the National Taiwan University. This undergraduate research experience provided me strong backgrounds for my graduate research in isolation, structural elucidation, and synthesis of natural products from higher plants. Prior to the completion of my PhD research, I recognized my weaknesses in the biosynthesis and pharmacology of bioactive natural products. This prompted me to look for a postdoctoral research position in pharmacy schools. I ended up taking the postdoctoral research offer from Professor Heinz Floss at Purdue University before I started to write my PhD dissertation through several unforeseen coincidences. Six months after I arrived at Purdue, I unexpectedly received an offering letter for a faculty position from the Dean's office, which started my four decades professional career at Purdue.*

What are some of the biggest changes and advances in pharmacy education that you've seen during your tenure at Purdue? *The biggest change is the merge of the Department of Medicinal Chemistry and Pharmacognosy with the Department of Pharmacology and Toxicology, which led to the abolishment of the pharmacognosy curriculum in pharmacy education at Purdue. The most profound advance is the implementation of the PharmD program.*

What have been some of your greatest joys in working with students and/or colleagues at Purdue during your tenure? *The most rewarding experience of my tenure at Purdue certainly is the privilege to work with graduate/undergraduate students and postdoctoral research associates/visiting scholars. It is great joy and excitement to witness their professional advancement and success.*

How are you planning to spend your time during retirement? *I have served as a member of various study sections of the National Institutes of Health (NIH) for more than three decades. I will extend my NIH service in the next few years. I plan continuously to participate in our seminar program.*



FACULTY & STAFF NEWS



Dr. Steve Byrn, Charles B. Jordan Professor of Medicinal Chemistry, has been awarded the 2016 Dale E. Wurster Research Award

in Pharmaceuticals. The Award was presented in November at the Annual AAPS meeting and recognizes individuals who have made significant research contributions to the field of pharmaceuticals. This research may be in the areas of physical pharmacy, preformulation, dosage form design, formulation, biopharmaceutics, and/or pharmacokinetics.



Dr. Mark Cushman, Distinguished Professor of Medicinal Chemistry, has been awarded three new patents. The first patent, "Alcohol -, diol -, and carbohydrate - substituted indenoisoquinolones as topoisomerase I inhibitors," is for a group of compounds developed as anticancer agents. The second, "Antimicrobial substituted thiazoles and methods of use," describes a series of compounds developed for the treatment of resistant forms of staph aureus. The third, "Synthesis and use of dual tyrosyl-DNA phosphodiesterase I (TDP1)-topoisomerase 1 (TOP1) inhibitors," describes dual inhibitors that are being developed for the treatment of cancer.

The Mental Health Tobacco Cessation Summit was held in Indianapolis on August 25, 2016. The summit brought together mental health organizations and practitioners with a goal to assist professionals in delivering evidence-based tobacco recovery services to clients with mental illness or substance disorders in order to end their dependence on tobacco.



Dr. Karen Hudmon, Associate Professor of Pharmacy Practice, was one of the organizers of this event.

Professor of Pharmacy Practice, was one of the organizers of this event.



Dr. Carol Post, Professor of Medicinal Chemistry and Molecular Pharmacology, has been selected as one of two

recipients of the 2016 Provost's Award for Outstanding Graduate Faculty Mentor. This award is presented by the Purdue University Graduate School and recognizes faculty who have demonstrated unusual excellence in their mentoring of graduate students.



Dr. Gloria Sachdev, Clinical Assistant Professor of Pharmacy Practice, received the American Society of Health-System Pharmacists (ASHP)

Section of Ambulatory Care Practitioner Distinguished Service Award, the highest ambulatory care award ASHP can bestow. She was formally recognized at the ASHP Midyear Clinic Meeting in December 2016.



Dr. Margie Snyder, Associate Professor of Pharmacy Practice, has received program recognition from the American College of Clinical Pharmacy for

the Community Pharmacy Fellowship Program. This recognition is for five years with a re-review of the program scheduled for 2021.



Dr. Darci Trader joins the faculty as Assistant Professor of Medicinal Chemistry and Molecular Pharmacology. She received her BS (2007)

and MS (2008) from Southern Illinois

University-Edwardsville, and her PhD (2013) from Indiana University. She was appointed a NIH NRSA Postdoctoral Fellow at The Scripps Research Institute from 2014-2016. Dr. Trader's teaching interests lie in Organic Chemistry and her research interest focuses on organic synthesis, drug discovery, and chemical biology. Her lab will focus on the generation of natural product libraries and synthetic libraries will be undertaken. These new libraries will then be screened for primary hits against proteins produced during an HIV infection, Parkinson's disease, and cancer.



Dr. Zachary Weber has been appointed as Director of Interprofessional Education effective January 1, 2017. Dr. Weber is currently

Clinical Associate Professor in the Department of Pharmacy Practice and Clinical Pharmacy Specialist in Ambulatory Care for Eskenazi Health. In his new role, he will be responsible for coordinating the development of interprofessional education activities for the Doctor of Pharmacy program, serve as the liaison to the Indiana University Center for Interprofessional Health Education and Practice, and serve as the liaison for University-wide interprofessional education activities.



Dr. Qi (Tony) Zhou, Assistant Professor of Industrial and Physical Pharmacy, has been selected to receive a 2016 Emerging Researcher Award

from the International Pharmaceutical Excipients Council-Americas Foundation. This award was formally presented at the 2016 Annual Meeting of the American Association of Pharmaceutical Scientists.



Making a Difference in **FACULTY RECRUITMENT AND RETENTION**

Ever True: The Campaign for Purdue University is an invitation to the Purdue family to join together, through private giving and personal involvement, to boldly advance our University as a national and global leader that continues to move the world forward. One of the campaign initiatives that the College of Pharmacy is focusing on is recruiting and retaining the best faculty. No program rises above the quality of its faculty. They serve as the distinctive driving force behind highly regarded programs, and the College is well known for its quality faculty and their longstanding impact on students. Recruiting and retaining top-tier faculty is of utmost importance to continue our tradition of excellence. Endowed professorships provide an important resource in the recruitment and retention of a high-quality faculty. Make a gift, and make a difference!



Make a gift at
Giving.Purdue.edu/GivetoRx



“A great faculty provides the foundation for a great program. Faculty in the Purdue College of Pharmacy have a longstanding reputation that recognizes their outstanding accomplishments in teaching and research. This tradition attracts top students and our faculty play a major role in helping to develop our students as pharmacy practitioners, contributors to the pharmaceutical sciences, and future leaders who, as alumni, will have an impact across all fields of pharmacy. I give to the College to continue and to advance our tradition of excellence. Hail Purdue!”



Dr. Holly L. Mason
Senior Associate Dean, College of Pharmacy
Professor of Pharmacy Administration



ALUMNI PROFILE

On the Go with **LAURA AYKROYD**

Laura Aykroyd (PharmD 2006) considers herself lucky to have had the opportunity to shadow an ICU clinical pharmacist after her freshman year in college. “After seeing his involvement and impact he was able to make for the patients, I decided to pursue pharmacy and more specifically become a critical care pharmacy specialist,” she recalls. Originally from Iowa, Laura transferred to Purdue University after completing her pre-pharmacy requirements at Augustana University in South Dakota. “I visited a number of top pharmacy schools across the U.S., knowing that I had an interest in clinical pharmacy. During my Purdue campus visit, a number of individuals spoke highly of the opportunities to pursue clinical pharmacy.” She earned her PharmD from Purdue, went on to complete two years in residency at Boston Medical Center, and is board certified as a Pharmacotherapy Specialist.

Laura is a clinical pharmacy specialist for Neurocritical Care at Indiana University Health Methodist Hospital in Indianapolis. In addition to providing direct patient care alongside a multi-professional team, her position also includes a focus on education and the opportunity to precept pharmacy residents and students, provide nursing education, and collaborate with providers on research. She enjoys working in the ever-changing, fast-paced environment. “The patient conditions are extremely challenging, and it is very rewarding to be part of an extraordinary team in a progressive, top-notch institution,” she comments.

Transferring to Purdue was clearly the right choice for Laura from a professional standpoint, but it also introduced her to the world of endurance sports. “I’ve always loved running,” she says. “My college roommate (another Purdue Pharmacy alumna) and I decided to run in the Chicago Marathon for fun, and it was wonderful! Soon after, I ran the Boston Marathon and was likely the only runner sitting in the athlete village studying for a Med Chem exam prior to the race.”

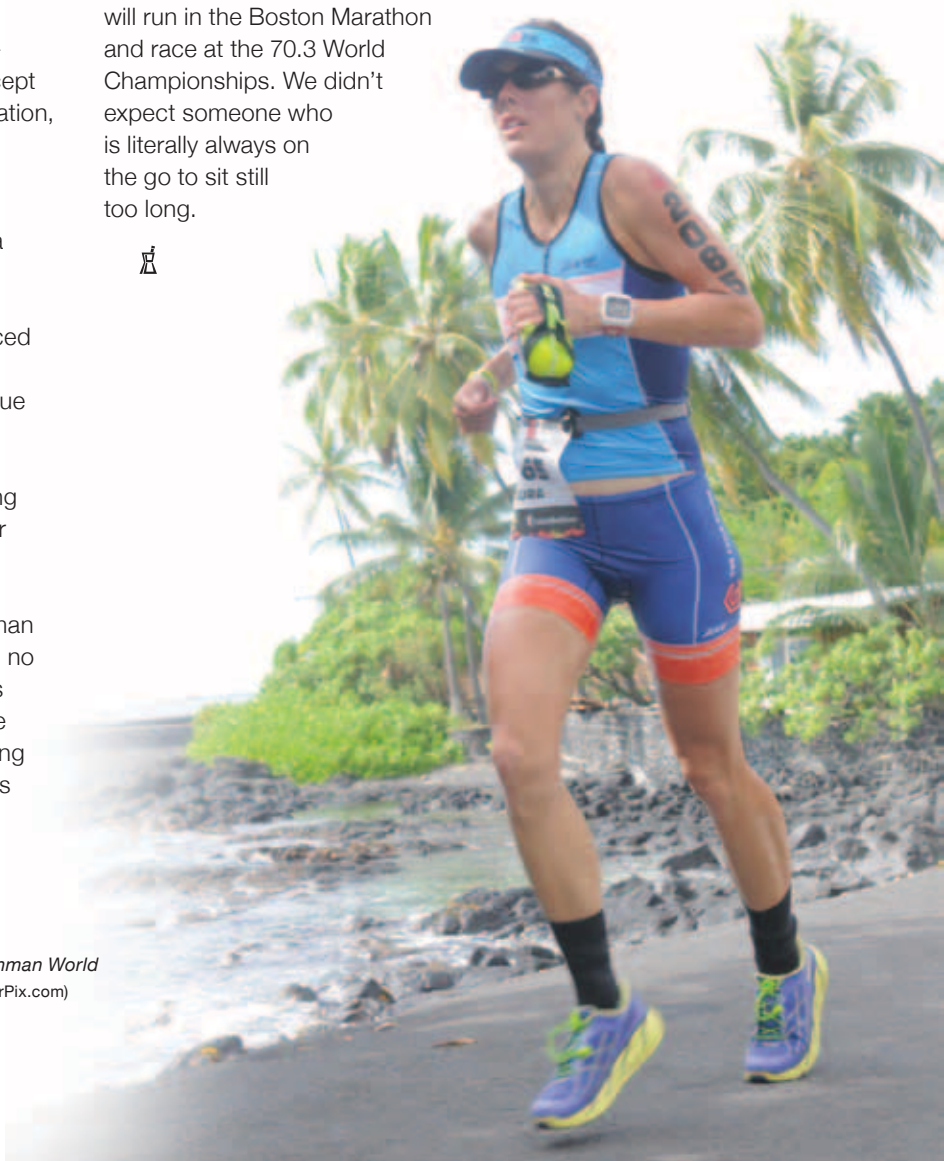
It wasn’t until after graduating from Purdue that Laura participated in her first triathlon. “I signed up for an Ironman 70.3 event because it was held in my current town. I had no business doing that race given I hadn’t swam in 10 years and only bought a road bike a few months prior.” Despite this, she had a blast. “I simply love to train and am learning to love to race. It is my passion, and the joy I get from it is indescribable—running and biking are my stress outlets. There is also nothing like the feeling of racing, laying it all out on the line to see how far you can push yourself.

The amazing people I get to train with make it even more enjoyable, and they inspire and push me to improve.”

To date, Laura has completed four Ironman and seven 70.3 (half) Ironman events, most recently having completed the Ironman World Championships held in Hawaii in October. “I never dreamed I would be able to qualify to compete, and it was an amazing privilege to be at the start line.”

The active mother of two admits that balancing work, family, and training is challenging, but she has a great deal of support. “My kids (ages 5 and 2) luckily think it’s normal for their mom to continually be running or biking. I try to do most of my training in the early morning hours or during nap time. My hope is that my kids are inspired by their mom leading a healthy lifestyle and not being afraid to chase her dreams.”

“My current goal is to enjoy chilling with my family and cheering on the athletes I’m coaching to hopefully achieve their goals,” says Laura. In the coming year, however, she will run in the Boston Marathon and race at the 70.3 World Championships. We didn’t expect someone who is literally always on the go to sit still too long.



Laura Aykroyd competes in the Ironman World Championships in Hawaii (© FinisherPix.com)

As Career Development Manager for the Purdue College of Pharmacy, my responsibilities include overseeing Pharmacy Days, the professional student annual review process, and the Career Development Advisory Council; advising students on career options and assisting them in seeking employment opportunities; consulting with company recruiters to advance the company and university relations; and serving on the Professional Student Admissions Committee. I hit the ground running since my appointment this past summer, and I am excited to continue moving forward with many established programs and activities, as well as some new ideas, which benefit our students and recruiting efforts.

The **Pharmacy Days Annual Career Fair and Residency/Fellowship Forum** took place on October 25, 2016, and was followed by two days of internship and employment interviews hosted through the Center for Career Opportunities. Thirty companies representing the pharmacy-related industry were in attendance to recruit Purdue Pharmacy students, and over 340 students participated. The morning began with roundtable discussions where students had the opportunity to meet with company representatives during half-hour rotations to learn about the specific company representatives' culture, employment requirements, and opportunities. The Purdue Pharmacy Ambassadors (PPA), led by the Employer Relations Committee, assisted me with hosting the event. Each year, the committee begins planning in August, and all PPA students volunteer for various responsibilities during Pharmacy Days to ensure the event runs smoothly.

While working with our BS in Pharmaceutical Sciences (BSPS) students, they expressed an interest in increasing their presence within the College. Together we formed the **Career Development Committee**. In October, the committee hosted their first event—a meet and greet with two recent BSPS alumnae, Lauren Weller (2015) of Symphony Clinical Research and Jordyn McCord (2016) of Eli Lilly and Company. The featured speakers shared how they have used their academic background to become successful in their professions, and students had the opportunity to visit with them.

I look forward to meeting and working closely with Pharmacy students, faculty, staff, alumni, and company representatives throughout the year. For more information about Career Development, please visit www.pharmacy.purdue.edu/oss/career-development. Hail Purdue!



Jennifer C. Dexter
Career Development Manager,
Office of Student Services
 (765) 496-6156
dexterj@purdue.edu



Students visit with Kroger representative Tom Wojcicki during the Pharmacy Days roundtable discussions



Purdue Pharmacy Ambassadors Employer Relations Committee



BSPS Career Development Committee members and featured speakers (L to R) Nikki Kouknas, Holly Maize, Arbaaz Mukadam, Jordyn McCord, Lauren Weller, Quinton Thompson, Haley Brown; not pictured Logan Davis





Mentoring

YOUTH

Written by Emily Braun, Lindsay Moreland, and Trexie Rudd

4TH PROFESSIONAL YEAR PHARM D STUDENTS

(L to R) Lindsay Moreland, Trexie Rudd, and Emily Braun



Each June, 4th Professional Year PharmD students have the opportunity to participate in a four-week Service-Learning Advanced Pharmacy Practice Experience (APPE). For this, PharmD students develop and deliver presentations and activities to children/youth attending day camps associated with Wabash Valley Alliance (WVA) Outpatient Services (community partner) of Tippecanoe, Fountain, and Benton Counties. PharmD students teach at a camp in each county for three mornings on topics such as drug abuse prevention, healthy eating habits, proper hygiene, teamwork, and natural highs. Prof. Jane Krause, Clinical Associate Professor of Pharmacy Practice, developed and has offered this service-learning APPE rotation since 2008. We had the sincere pleasure of serving this rotation during June 2016 and are privileged to share our experience here. Our previous involvement in teaching assistant positions, clinical psychiatric pharmacotherapy and drug abuse/addiction courses, and experiences with campus organizations participating in related activities made us perfect matches for this service-learning APPE.

Wabash Valley Alliance's mission statement is "to provide quality behavioral health and addictions care based on the needs of the communities we serve." WVA organizes constructive summer day camp activities for youth clients with diagnoses such as attention deficit disorder (ADD), attention deficit hyperactivity disorder (ADHD), oppositional defiant disorder (ODD), depression, anxiety, and childhood trauma from abuse, neglect, and violence.

Keeping the needs of this community in mind, we developed interactive programs discussing drug abuse/addiction, healthy living, and natural highs. Our knowledge, communication, and presentation skills acquired throughout pharmacy school prepared us for this experience, and we worked together efficiently to prepare teaching materials, activities, and take-home keepsakes and educational tools to reinforce the content covered

each day. We engaged the youth with thought-provoking questions, content review games, and demonstrations. Our goal was to create an environment which promoted positive and creative thinking, teamwork, communication, trust, and honesty. The themes for the three days were: Drug-Free Day at the Carnival, Healthy Living with Purdue Pete, and Natural Highs Olympics. Some of the activities included a tie-dye craft depicting the beauty of diversity, balloon toss simulating the effects of drug addiction on priorities, alcohol intoxication simulation using drunk goggles, hand washing with GlowGerm, team building games (hula hoop, human knot), and relay races. A team dance competition was also incorporated since the three of us have a passion for dance. "This was one of my favorite things about the project because it allowed us to use our teamwork skills in a unique way," says Trexie Rudd. "Dance is about being unified, and that's exactly what our approach has been throughout this experience."

A total of 41 youth attended one of three camps, and excellent feedback on the program was obtained; all WVA case workers agreed or strongly agreed that our team was well-prepared, that our information was presented in a way that the campers could understand the material, that the activities were age-appropriate and engaging, and that the items given to the campers reinforced the information presented. Overall, it was determined that the campers benefited from the program.

This experience was extremely valuable, enjoyable, and rewarding for us and provided us with the tools and skills to initiate a similar program in our future communities. Thank you to the Purdue Office of Engagement Service-Learning Grant program for funding this initiative and to Dr. Steven Abel, Associate Vice President for Engagement, for his support and enthusiasm. A special thank you is also extended to Professor Krause, our preceptor and mentor, and to Wabash Valley Alliance for allowing us to embark on this journey.

“In the role of teacher and mentor, we asked the children to trust us and join us in learning. Our desire for their undivided attention during structured content discussion sometimes resulted in their withdrawal, defiance, or disruption. Noticing this and discovering ways to engage these campers was a challenge, but the success brought joy. One camper sat silently, often with his hands tucked into his shirt and head down for the first two days of camp. However, on day three, he began participating in activities and hugged us as we left. We had become their ally and gained their trust, and it was then when I understood the positive impact that I can make.”

Emily Braun

“Communicating and educating is key to a successful pharmacist. This experience helped me polish my communication and teaching skills. While this experience focused on working with at-risk youth, before we began teaching, we had to first communicate with our mentor and preceptor to define what topics should be covered and how our program should be delivered. My conversations with the caseworkers were enlightening and allowed me to gain insight into their profession and learn from their expertise. Case workers and social workers are likely to be a part of a care team for a patient, so having this experience as a pharmacy student was beneficial.”

Lindsay Moreland

“One of the most important things I learned from this program is the value of teamwork. Working well together and using our communication skills were vital to the success of this project. I really appreciated how flexible we were as a team and the creativity that each of us contributed to designing the presentations and activities. Everything was in collaboration from creating a schedule, purchasing the necessary supplies, and delivering the presentation.”

Trexie Rudd



SIXTY SECONDS

With a Graduate Student



Venecia R. Wilson

BS Agricultural and Biological Engineering, 2013, Purdue University

BS Pharmaceutical Sciences, 2013, Purdue University

Doctoral Student, Department of Industrial and Physical Pharmacy, Purdue University

Anticipated Graduation Date: December 2018

Hometown: Indianapolis, Indiana

Major Professor: Dr. Lynne Taylor

Research Interests: Formulation science, crystallization, and drug absorption

Thesis Title: The Prediction of Amorphous Solid Dispersion Performance *in vivo* from *in vitro* experiments

Awards & Honors: Brebeuf Jesuit Community Service Award, Eli Lilly Endowment Scholarship, 2016 Burton D. Morgan Fellowship, and the Pharmaceutical Researchers and Manufacturers of America Foundation (PhRMA) Pre-Doctoral Fellowship

Extra-curricular Activities & Organizations: Chair of American Association of Pharmaceutical Scientists (AAPS) - Purdue Chapter; Delta Sigma Theta Sorority, Inc.

Internships: Kraft Foods, L'Hopital Civil (hospital in France), Kerry, and AbbVie

Post-graduation plans: Industry, but once I complete a career in the pharmaceutical industry I would like to teach high school science.

Why did you choose Purdue: Its prestige, the IPPH Department faculty, and the abundance of resources.

“‘Re-learning how to think’ summarizes my experience as a graduate student! As an undergraduate I learned how to answer the question ‘What?’, but as a graduate student I have learned how to answer the questions ‘How?’ and ‘Why?’. Answering those questions requires much more than regurgitation—rather critical thinking, analyzing feasible outcomes, and creatively developing a solution. The most important thing I have learned about myself from answering ‘How?’ and ‘Why?’ is how I can improve my way of thinking.”

21ST ANNUAL **BOILERX**



GOLF CLASSIC



Friday, June 2, 2017

With your support, our mission is a hole in one!

**Registration
begins at 10:30 a.m.**

**Lunch will be
served at 11:00 a.m.**

**Shotgun start
at Noon**

We will play 18 holes on the Ackerman-Allen Course at the Birck Boilermaker Golf Complex. Registration forms can be found at www.pharmacy.purdue.edu/boilerx, and the deadline to register is May 1, 2017. The cost is \$85/golfer, and the money supports the Pharmacy Alumni Scholarships fund. For more information, please contact Dana Neary, Manager of Alumni Relations and Special Events, at nearyd@purdue.edu or (765) 494-2632.



21st Annual BoileRx Golf Classic · Friday, June 2, 2017

Registration includes:

- Practice Range Balls
- Prize Holes
- Soft Drinks & Beer
- Golf Cart
- Green Fees
- Lunch
- Door Prize

Sponsorship Opportunities

The BoileRx raises money annually to support Pharmacy Alumni Scholarships. These scholarships provide assistance to our students that enable them to attend Purdue and lower their financial burden of attending pharmacy school. One of the ways the College of Pharmacy does this is to offer sponsorships at the BoileRx.

The 2017 Sponsorship Levels are:

- \$125 Tee sponsorship
- \$200 Hole Sponsorship
- \$500 Registration Sponsorship
- \$750 Beverage Cart Sponsorship

Sponsorships can be made by contacting Katie Skeel, Manager of Development Operations and Donor Relations, at kjskeel@prf.org or (765) 494-1370.

PURDUE
COLLEGE OF PHARMACY

Name _____

Address _____

City _____ State _____ Zip _____

Phone _____

E-mail Address _____

Place me on a team

Sign me up for a four-person scramble. Other golfers on my team are:

_____, _____

_____, _____

Our fees only cover the cost to golf. Additional support is needed for our scholarships. Please make a donation that is meaningful to you.

Registration fee _____ x \$85 = \$ _____

Scholarship Donation (tax deductible) \$ _____

TOTAL REGISTRATION AMOUNT \$ _____

My check made payable to *Purdue Foundation* is enclosed.

Charge my credit card: MasterCard Visa Discover

Charge will appear as Purdue UDO Dept. Events on your credit card statement.

Name on Card _____

My credit card billing address is the same as the address listed above.

If different, please provide billing address: _____

Card number _____ - _____ - _____ - _____

Expiration date: _____ / _____ 3 Digit Security Code ____ _

Signature _____

Send Registration Form by May 1 to:

**BoileRx Golf Classic
Purdue University
Heine Pharmacy Building, Rm. 104
575 Stadium Mall Drive
West Lafayette, IN 47907-2091**

Or by FAX to (765) 494-9587

**Have questions?
Want to volunteer?**

**Please contact Dana Neary,
Manager of Alumni Relations
and Special Events, at
nearyd@purdue.edu or
(765) 494-2632.**

Forms can also be found at www.pharmacy.purdue.edu/boilerx.
Feel free to make copies of this form as needed.

College of Pharmacy

Pharmacy Alumni News



Greetings from Ole Purdue!

The College had an outstanding 2016, and we are looking forward to 2017 with great anticipation! We are very excited about our upcoming events and are looking forward to visiting several cities across the country this year. We will be posting news of these events and activities on our website as well as our social media pages.

The College is also looking to update our alumni database this year. Please update your contact information with us, especially your employment information, by emailing nearyd@purdue.edu. We love hearing from you! We also have requests from students and alumni wanting to connect with other alumni in specific areas of pharmacy. These updates help us connect the Pharmacy Family. Remember to join us on our Pharmacy Alumni LinkedIn, Facebook, and Twitter pages, too.

The College of Pharmacy is pleased to have several alumni serve on our Pharmacy Alumni Board. The mission of the board is to foster lifelong support and engagement through communication and programs for students, alumni, and friends of the College. I would like to express my appreciation to these amazing individuals who freely give their time and energy for the betterment of the College. It is a joy to work with them throughout the year. You may learn more about the Pharmacy Alumni Board and its members by visiting www.pharmacy.purdue.edu/alumni-friends/pharmacy-alumni-board.

Pride, Passion, Pharmacy, Purdue!



Dana Neary
*Manager of
 Alumni Relations
 & Special Events*
nearyd@purdue.edu
 (765) 494-2632

2017 Pharmacy Alumni Board

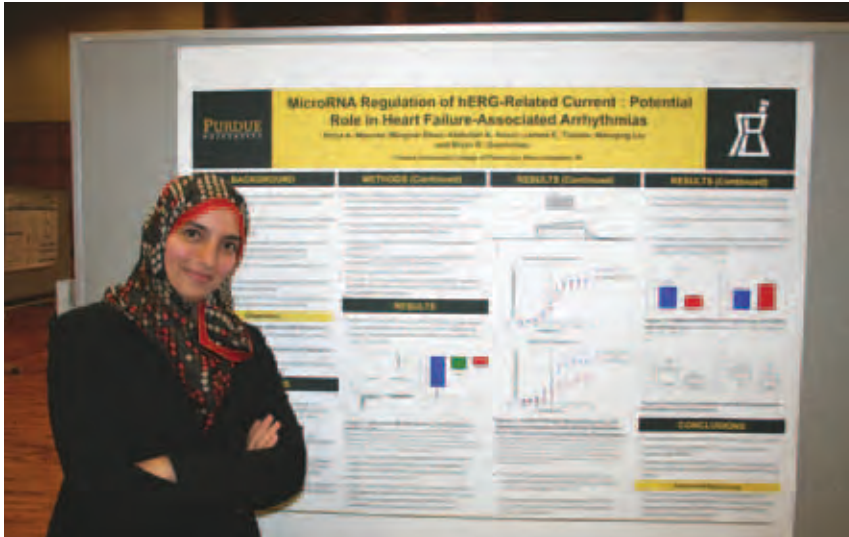
- Bob Gibson, Jr.** (BS 1969)
PRESIDENT
- Suzanne Bousquet** (BS 1958)
VICE PRESIDENT
- James Wu** (PharmD 2003)
SECRETARY
- Joanne Barrick** (BS 1984)
- Julie Bolinger** (PharmD 2012)
- Jim Branham** (BS 1977)
- Kate Burke** (BS 1974)
- Elizabeth Chalmers** (BS 1960)
- Farrah Chinderle** (PharmD 2010)
- Dan Degnan** (BS 1991, PharmD 1992)
- Joe Dubes III** (BS 1971)
- Nathan Gabhart** (BS 1998)
- Brad Given** (PharmD 2007)
- Jane Krause** (BS 1981, MS 1994)
- Tricia Lohr** (PharmD 2005)
- Bill Malloy** (BS 1976)
- Pam Ringor** (BS 1997)

2017 Pharmacy Events Calendar

DATE	EVENT
March 31	Pharmacy Distinguished Alumni Program
April 6-7	Pharmacy Women for Purdue – Spring Conference
April 26	Purdue Day of Giving
April 29	Multicultural Programs Celebration
June 2	21st Annual BoileRx Golf Classic

For more information about upcoming events, please visit www.pharmacy.purdue.edu/events.

HAPPENINGS



Noha Mourad displays her research on “MicroRNA Regulation of hERG-Related Current: Potential Role in Heart Failure-Associated Arrhythmias” during the symposium poster presentation

Graduate Student Awards Symposium

The annual College of Pharmacy Graduate Student Awards Symposium was held on November 8, 2016, in the Purdue Memorial Union North Ballroom. The 2016 recipients of the Albert and Anna Kienly Awards for Outstanding Teaching by a Graduate Student are: **Monika Lavan** (Industrial and Physical Pharmacy), **Aaron Lindstrom** (Medicinal Chemistry and Molecular Pharmacology), and **Sariya Udayachalerm** (Pharmacy Practice). The 2016 recipients of the Jenkins-Knevel Awards for Excellence in Research are: **Doungkamol Alongkronrusmee** (Medicinal Chemistry and Molecular Pharmacology), **Shaminie Athinarayanan** (Medicinal Chemistry and Molecular Pharmacology), **Noha Mourad** (Pharmacy Practice), and **Ehab Moussa** (Industrial and Physical Pharmacy).



(L to R) Associate Dean for Graduate Programs Tonglei Li with the Kienly Award recipients Monika Lavan, Aaron Lindstrom, and Sariya Udayachalerm



(L to R) Dr. Li with the Jenkins-Knevel Award recipients Ehab Moussa, Noha Mourad, Doungkamol Alongkronrusmee, and Shaminie Athinarayanan



Industry Pharmacists Organization - Purdue Chapter

The Industry Pharmacists Organization (IPhO) is proud to announce that their Purdue chapter received the highest score out of 40 chapters nationwide for their 2015-2016 Annual Report. The National Leadership of IPhO provides each chapter a detailed evaluation of their annual report in order to measure its strengths and weaknesses and assist with continuous improvement. The IPhO Chapter Network scores ranged from 51.67 % to 96.67%, and the average score was 76.13%. Purdue's chapter ranked the overall best score of 96.67%! The 2015-2016 IPhO Executive Board responsible for the Annual Report consisted of Pharmacy students: **Jacob Martin** (President), **Kwadwo Yeboah** (President-elect), **Zack McCormack** (Vice President), **Curtis Hajec** (Treasurer), **Madeline Merkel** (Secretary), **Joshua Martin** (Social Media/Marketing Chair), and **Rebecca Miller** (Pharmacy Student Council Representative). Dr. Brian Shepler, Assistant Dean for Experiential Learning and Clinical Associate Professor of Pharmacy Practice, serves as advisor.

Established in 2012, Purdue's chapter of IPhO was among the first in the country. The goal of IPhO is to inform and empower students—both pre-pharmacy and professional—as they pursue opportunities within the pharmaceutical industry. By providing networking outlets, professional development opportunities, and educational resources, the chapter promotes the many roles that PharmD graduates hold within industry.

ACCP Clinical Pharmacy Challenge

The Purdue Pharmacy student team comprised of **Katie Clark**, **Anne Rodino**, and **Alison Switzer** successfully completed four online rounds of the American College of Clinical Pharmacy (ACCP) Clinical Pharmacy Challenge, and qualified as one of the top eight teams nationally this past September. The team competed in the live Clinical Pharmacy Challenge held at the ACCP Annual Meeting in Hollywood, Florida, at the end of October 2016. The team was successful in winning their quarterfinal matchup before losing in the semifinals. Overall, the team finished nationally in the top four. Dr. Zach Weber, Clinical Associate Professor of Pharmacy Practice, serves as advisor to the team.



(L to R) Ali Switzer, Katie Clark, and Anne Rodino



Postdoctoral Challenge Grant

Karin Ejendal (PhD 2006, Chemistry), a postdoctoral research associate in the Department of Medicinal Chemistry and Molecular Pharmacology (MCMP), is the recipient of a \$5,000 Postdoctoral Challenge Grant from the Indiana Clinical and Translational Sciences Institute to fund her project entitled, "Adenylyl cyclase type 1: a promising molecular target for the treatment of chronic pain." The project was carried out in collaboration with the Biomolecular Screening and Drug Discovery Core Facility and the laboratory of Dr. Val Watts, Associate Head and Professor.



Trevor Thain Receives EPIC Pharmacies Grant

Trevor Thain, 4th Professional Year PharmD student, is a 2016 recipient of the EPIC Pharmacies Student Grant Program. He received a grant in 2015, as well. EPIC Pharmacies, Inc., is a national network of more than 1,300 independently owned pharmacies. Grants are awarded annually to 15 pharmacy students throughout the country who plan to practice in an independent pharmacy upon graduation.



Pharmacy First Nighter

The Pharmacy First Nighter was held on September 7, 2016. This annual event is open to all students in the College in order for them to meet other students and learn about the many Pharmacy organizations available for participation. The College extends its gratitude to CVS Health for sponsoring this event.



Pharmacy Leadership Class Reunion

The Purdue Pharmacy Leadership Class Reunion was held on September 24, 2016, at the Birck Boilermaker Golf Pavilion. A networking reception was held the prior evening in the Spurgeon Room of Mackey Arena. Approximately 50 alumni from the past ten years attended and had the opportunity to interact with current pharmacy students.

Pharmacy Alumni Events in Indiana

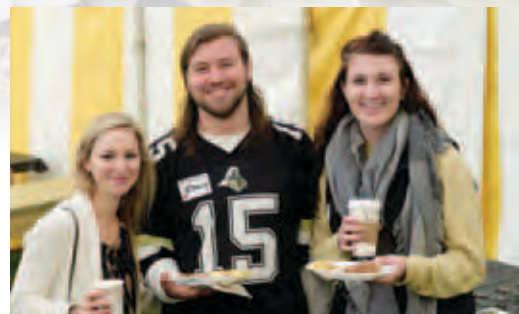
On September 1, 2016, the Purdue College of Pharmacy held an alumni event at the Indianapolis Zoo in the Oceans Exhibit. Another event was held on September 15 in Fort Wayne at the Embassy Theater of the Indiana Hotel. Faculty and staff had a wonderful time sharing news about the College and visiting with alumni and their families.





2016 Homecoming Festivities

The Purdue College of Pharmacy welcomed hundreds of alumni back to campus for Homecoming during October 14-15, 2016. The annual Student and Alumni Chili Supper took place on Friday evening, which was followed by the Purdue Homecoming Parade and Pep Rally. Over 400 alumni, students, and friends were welcomed at the Pharmacy Tailgate Tent prior to the Purdue vs. Iowa football game. This fun-filled weekend provides the opportunity for alumni to reconnect with friends, faculty, staff, and current students. Hail Purdue!



To view more photos from College of Pharmacy events, please visit www.pharmacy.purdue.edu/gallery.

CLASS NOTES

1960-1969

William Slater (BS 1965) recently accepted a pastoral staff position which focuses on hospital/hospice visitation, baptism, and baptism classes, and he officiates weddings and funerals. He also has been named a Fellow of the C. S. Lewis Institute.



1970-1979

James Burczak (BS 1979) has been an orthopedic surgeon in Saint Joseph, MI, for over 20 years. In January 2016, he completed his fourth trip volunteering in Kenya at a teaching mission hospital (Tenwek), where he has served for periods of two weeks to just over three months. Jim, posing in the photo with a Kenyan medical officer (similar to a Physician Assistant), medical student, and two orthopedic residents, hopes to return there in the future.

After retiring from The Ohio State University College of Pharmacy as an Emeritus Professor, **George Hinkle** (BS 1975, MS 1978) has been serving as the University Radiation Safety Officer. The position is responsible for all use of radiation—radioactive materials and radiation generating equipment—on campus.

Michael Johnston (BS 1977) shares that he retired from US Public Health Service in 2004 and is enjoying retirement in Florida.



Nancy Lilly (BS 1978) has been inducted into the Alpha Sigma Nu honor society of Loyola University, where she is a graduate student in Bioethics and Health Care Policy.

Robert Lipper (BS 1973) has been named the 2016 Alumni Distinguished Lifetime Achievement Award winner at the University of Michigan College of Pharmacy. This award honors alumni who have made significant lifetime contributions in their profession or to society through practice, research, education, or public service.

Dennis Mock (BS 1970) shares that he recently moved to East Helena, MT, to be near his daughter, Christy Mock (BA 1995, Photography), and son-in-law, Robert Stutz (BA 1994, Political Science).

1990-1999

Staci-Marie Norman (BS 1994) spent three weeks this past summer in Malawi, Africa, teaching HIV/AIDS awareness and prevention through a week-long train the trainer style class. This is the third trip she's taken to Malawi in the past five years with the not-for-profit organization Malawi Matters, Inc. (MalawiMatters.org). She has served on their Board of Directors for the past six years and watched it grow from training 25 Malawians in the pilot program to now having over 600 trained teachers through the central region of Malawi. She feels blessed to have been able to add her knowledge of medicine and teaching ability to touch so many lives, and to have shared this adventure with her son, Riley (age 19), in 2014 and daughter, Calla-Marie (age 19), most recently.

Molly Van Deman (BS 1998, PharmD 2003) has been promoted to Clinical Coordinator of Pharmacy Services at Brandon Regional Hospital in Florida.

2000-2009

The Tennessee Pharmacists Association presented **Nicholas Hagemeyer** (PharmD 2003, MS 2005, PhD 2011) with the 2016 Cardinal Health Generation Rx Champions



Award which recognizes a pharmacist in the state who demonstrates excellence in community-based prescription drug abuse prevention. Nick serves as Research Director for

East Tennessee State University's newly established Center for Prescription Drug Abuse Prevention and Treatment.

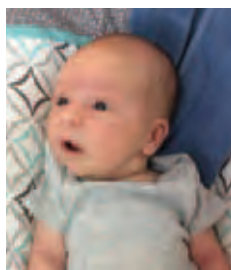


Rich Jeffries (MS 1994, Management; PharmD 2010) and his wife, Barb, display their pride during an African safari in September 2016. They are shown riding “Coco,” the matriarch of the elephant herd at a facility in Victoria Falls, Zimbabwe, with their guide, Harrison. “The staff of the preserve was very eager to help us get this picture. It was wonderful being able to show our Purdue Pharmacy pride in such a unique way.”



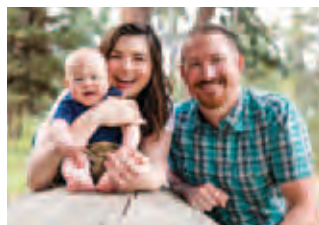
Sean Hoos (PharmD 2009) was recently promoted from Clinical Pharmacist, a position he has held with Parkview Hospital for seven years, to Pharmacy Manager at the Parkview Hospital Randallia campus. His wife, Sarah Roberts Hoos (BS 2007, Liberal Arts), along with their daughter, Amelia, shares that they are very proud of him! In this new role, Sean plans to contribute to the growth of the Parkview presence in the Fort Wayne, IN, community, as well as lead his department through the major expansion of this hospital site.

Jenny (Bryant) and Eric Lis (both PharmD 2009) welcomed their second



son, August Benjamin, into the world on May 18, 2016. He joins his proud big brother, Gabe (age 2).

Holly (Angermeier) Newman (BS 2005, PharmD 2005) and her husband,



Eric, are excited to announce the birth of their son, Elliott. He was born on January 10, 2016, in the couple's current hometown of Bend, OR.

2010-Present



Whitney (Redding) and Christopher Buckel (both PharmD 2010) welcomed their first baby into the world on September 6, 2016. Edison Patrick weighed 9 lbs 15 oz and measured 23" long.

Jackie Chomicki (PharmD 2012) married Matthew Casciano on September 6, 2015,



in Breckenridge, CO. The couple live in Denver and are both pharmacists at UC Health - University of Colorado Hospital in Aurora, CO.

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Stephanie Gernant (MS 2015) was elected as the New Practitioner Officer of the American Pharmacists Association (APhA) Academy of

Pharmacy Practice Management Executive Committee. She will be installed at the APhA Annual Meeting and Exposition in San Francisco in March 2017 and will serve through the meeting in 2019. Stephanie is Assistant Professor of Pharmacy Practice at Nova Southeastern University's College of Pharmacy.



Kimberly Sanders (PharmD 2013) is Clinical Assistant Professor in the Division of Practice Advancement and Clinical Education at The University of North Carolina at

Chapel Hill Eshelman School of Pharmacy.

She also has a shared appointment as Assistant Professor in the Department of Dental Ecology at the UNC School of Dentistry. She is primarily involved in building a partnership between the schools of pharmacy and dentistry through initiatives to develop, implement, and evaluate clinical pharmacy services in dental practice clinics and is active in the creation of longitudinal interprofessional education curricula.

Candice (Thorpe) Thomas (PharmD 2010) and her husband, Tion Thomas (MS 2009, Computer Science) are happy to announce



the birth of their daughter, Jayla Brielle. She was born on November 3, 2015, weighing 7 lbs and measuring 20" long.

Happy 100+ Birthday!

Samuel W. Arnett (BS 1936, MS 1937)
Samuel R. Cohen (BS 1938, MS 1946)
Kennie M. Linn (BS 1938, MS 1945, PhD 1952)

IN MEMORIAM

Gary A. Chambers (BS 1962)
Wayne G. Harris (BS 1961, MS 1963, PhD 1965)
Rodney D. Ice (MS 1965, PhD 1967)
Herbert A. Lieberman (PhD 1955, 1984 Distinguished Alumnus)
Michael W. Pemberton (BS 1987)
Edward J. Perlow (BS 1955)



Dr. D. James Morrè joined the Purdue faculty in 1962. He served as Founding Director of the Purdue Center for Cancer Research from 1976 until 1986. Subsequently, he was named Dow Distinguished Professor of Medicinal Chemistry, retiring from Purdue in 2009.



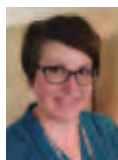
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