

THE PURDUE PHARMACIST

Summer 2017 | Volume 93, Issue 1



PURDUE
COLLEGE OF PHARMACY

A FINAL MESSAGE FROM DEAN SVENSSON



Saying 'thanks' sometimes seems insufficient to express one's full sentiment. Such was my feeling as I began to write my final installment of "From the Dean." As I transition to the faculty, I want to express my deep gratitude to the Purdue Pharmacy Family for the privilege of serving your College as Dean. It was nearly 11 years ago that Sue and I were so warmly welcomed by those both on and off campus as I assumed my leadership role. Much has transpired over the past 11 years.

Shortly after taking over the helm of the College, an opportunity opened to submit a proposal to the Lilly Endowment, Inc., that led to a generous investment of \$25 million to support a variety of initiatives in the College. Through that investment, we launched the Center for Medication Safety Advancement, created a statewide community pharmacy practice-based research network, developed a new global health residency, hired several faculty into newly created endowed chairs, provided seed funding for numerous faculty research projects, and conducted a complete renovation of our pharmaceutical manufacturing teaching and research space. Our College looks very different as a result of the generosity of the Lilly Endowment.

Curricular transformation has taken a substantial effort in the College over the past decade. This year we graduated the second class to complete our new curriculum that started with the introduction of new course work in first pre-pharmacy year in 2010. Our faculty have done a wonderful job rolling out this new curriculum and testing our underlying assumptions throughout the process. The integrated curriculum has brought our diverse faculty together in their instructional activity to a greater extent than ever before.

During this past decade our faculty and staff also launched the first residency that is a collaboration between a veterinary medicine and pharmacy program. They have created effective programs for managing diabetes and anticoagulation therapy in the resource-constrained environment of western Kenya. They have gained recognition as the sole source provider for board recertification Continuing Education for nuclear and nutritional support pharmacists. And they have begun an exciting program to develop and incorporate virtual reality as an educational modality into our instructional program.

It has been a tremendous privilege to watch our faculty, staff, and students take their creative ideas and turn them into reality. Many of you have provided the financial support that has made that possible. I extend to you my heartfelt thanks for the honor of serving the Purdue Pharmacy Family. I know that exciting days lie ahead and look forward to seeing what the next decade will bring!

Dean Emeritus & Professor of Medicinal
Chemistry and Molecular Pharmacology

On the Cover:
The 2014 Graduation Committee takes
a group selfie with Dean Craig Svansson
at the Graduation Banquet

THE PURDUE PHARMACIST
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THE PURDUE PHARMACIST

Summer 2017



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The Svensson Era

Craig K. Svensson assumed the role of Dean of the College of Pharmacy, Nursing, and Health Sciences at Purdue University on October 1, 2006. When asked at that time what led him down the path of deanship, he said he considered becoming a dean after his colleagues over the years had told him that he had the right type of vision, personality, perspective, and leadership skills that would be successful. It was that feedback that led him to potentially think about becoming a dean. When Craig received a call from the search committee at Purdue, it seemed like the right thing to do, and he talked and prayed about it at great length with his family and colleagues. Now ten years later and a successful tenure as dean, he is ready to pass the baton to new leadership. On July 1, 2017, he stepped down as Dean and began his sabbatical to bring to completion at least one of two ongoing book projects and prepare new teaching materials before assuming fulltime faculty duties as Dean Emeritus and Professor in the Department of Medicinal Chemistry and Molecular Pharmacology. The Purdue College of Pharmacy is ever grateful for Dean Svensson's leadership.



Interview with Dean Svensson

What reasons first led you to accept the dean appointment ten years ago, and do those same reasons still hold true today?

I accepted the deanship because I was convinced I could lead the College in addressing the pressing problems it faced and seizing the opportunities that existed for the near term. I believed I was willing to put the interests of the College before my own self-interests, which should be an essential criteria for being a dean. That is also the reason I am stepping down after nearly 11 years in this role.

I love being a dean, but believe it is in the best interest of the College to transition to new leadership at this time. I am excited about the future of the College and confident that Dean Barker will provide the leadership we need at this moment in time.

What have you learned about being a dean that you did not anticipate prior to becoming dean? *I did not anticipate the amount of confidential activities in which a dean is engaged.*

“It has been my privilege to serve as your dean for the past ten years. My initial external impression of the quality of our program has been reinforced many times over as I have seen it up close and personal for the past decade. I am confident that our College of Pharmacy will continue to build upon its great tradition of excellence under new leadership. Thank you for giving me the honor of being a part of the Purdue Pharmacy Family.”

❖ CRAIG SVENSSON

Whether it is state-wide economic development initiatives, working on potential partnerships, high level recruitment of personnel, or complex institutional issues—only a few of these ever see the light of day. They can be time consuming and very time sensitive, yet no one in the college knows that you are engaged in these activities. Which is, of course, why I did not know about them until I became a dean myself!

What do you consider to be your top three accomplishments during your tenure as dean and why? *Our faculty, staff, and students are the ones who deserve the credit for the things that have been accomplished during my tenure as dean. I have perhaps planted a seed here and there, but mostly just listened to their creative ideas, provided encouragement and some resources, and then hopefully had the sense to get out of their way and watch them put their ideas into action. So often our generous alumni have come along and provided tangible support to help make the ideas a reality.*





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

The establishment of the Craig K. and Sue J. Svensson Endowment for the Future is made possible by the generosity of Jeannie (BS 1961) and James Chaney. This dual-purpose endowment will be used for the construction of a new building or renovations to the existing building. Until such time, funds from the endowment income will support Pharmacy student scholarships. You may honor Craig and Sue by making a gift at Giving.Purdue.edu/GivetoRx. Select the Svensson Endowment as the gift designation. For additional information, please contact Katie Skeel, Manager of Development Operations and Donor Relations, at kjskeel@prf.org or (765) 494-1370.

One of the most significant accomplishments of our faculty has been the complete redesign of our undergraduate and professional curriculum. I have been a part of curricular revision in three different pharmacy programs, none has been as extensive yet accomplished as smoothly as our faculty have done here at Purdue.

It has also been amazing to watch the growth of our primary global outreach in Kenya. Our Kenya Program team has been doing transformative work that is unmatched by any pharmacy program in the world. The development of our Center for Medication Safety Advancement has also been tremendously gratifying to watch. We do many important things through the Center, but our work with the Veterans Administration across the country to improve the safe and effective delivery of healthcare to the men and women who have served our country has been very rewarding.



When faced with challenges, how have you overcome them and what life lessons have you learned? *Life is like war; battle plans fall apart as soon as the engagement begins. One can plan all they want, and I am a firm believer in planning, but you have little control over your environment and the circumstances you face. What you can control is how you respond to the circumstances in which you find yourself.*

What are you most looking forward to in your future endeavors? *I have several books I hope to write. They may never see the light of day and, if they do, no one may read them. But I am looking forward to writing them! I am also looking forward to spending more time in the classroom with students. When I became dean, I thought I would miss my lab research the most. In truth, what I miss most is teaching, of which I have only done a limited amount each year as dean.*

What will you cherish most about having served as dean? *Our people, the students, faculty, staff, and alumni. They are what make Purdue Pharmacy so special.*



Purdue Pharmacy Leadership ❖

1884-1886	John N. Hurty, Head of the School
1886-1888	R. W. Warder, Interim Dean
1888-1910	Arthur Green, Dean
1910-1924	Charles B. Jordan, Director of the School
1924-1941	Charles B. Jordan, Dean
1941-1966	Glenn L. Jenkins, Dean
1966-1987	Varro E. Tyler, Dean
1987-2002	Charles O. Rutledge, Dean
2002-2006	John M. Pezzuto, Dean
2006-2017	Craig K. Svensson, Dean
2017-Present	Eric L. Barker, Dean





Eric Barker Named Purdue College of Pharmacy Dean

Eric L. Barker was named the new Dean of the Purdue College of Pharmacy effective July 1, 2017. Dr. Barker has served as Professor of Medicinal Chemistry and Molecular Pharmacology and previously held the appointment of Associate Dean for Research in Purdue's College of Pharmacy since 2010. He joined the Purdue faculty in 1998. He received his BS in pharmacy at St. Louis College of Pharmacy and PhD in pharmacology from Vanderbilt University and completed postdoctoral research at Vanderbilt and Emory University.

Dr. Barker is a noted neuropharmacologist, award-winning teacher, skilled academic leader, and pharmacist. He is a member of several professional associations that include the American Pharmacists Association, Society for Neuroscience, and American Society for Pharmacology and Experimental Therapeutics, where he has served in leadership positions for the Neuropharmacology Division. In 2016, he became editor-in-chief for *Pharmacological Reviews*, a quarterly peer-reviewed scientific journal.

Dr. Barker's research interests are in the area of molecular actions of drugs of abuse and other drugs that affect the brain. He has received grant support from the National Institute on Drug Abuse, National Institute of Mental Health, National Alliance for Research on Schizophrenia and Depression, Lilly Research Laboratories, and DARPA. In addition to his scholarly pursuits, he has been recognized for his efforts in teaching medicinal chemistry and pharmacology, having received the Purdue College of Pharmacy Dr. Aziz Outstanding Teaching Award as well as the Purdue University Charles B. Murphy Outstanding Undergraduate Teaching Award and selection to the Purdue Teaching Academy and the Purdue Book of Great Teachers.

As chief executive officer of the Purdue College of Pharmacy, the dean provides academic, intellectual, and administrative leadership. Dr. Barker will be responsible for overseeing the College's teaching, research, and engagement missions; for representing the College to internal and external constituents; and for ensuring that the College is fiscally well-managed. The dean also will engage and work collaboratively with key stakeholders to create and execute a strategy for enhancing the stature of the College as one of the nation's leading colleges of pharmacy.



“I am deeply honored to be named Dean of the College of Pharmacy. The extraordinary faculty within this college are making a tremendous impact every day as they work with our hardworking students and collaborate on innovative and relevant research to improve our world. I am committed deeply to our faculty, staff, students, and alumni as we seek to achieve a vision of being bold leaders, moving together to the highest level of excellence in discovery, learning, and providing patient care.”

ERIC BARKER

2016 Varro E. Tyler Distinguished Lectureship

GUNDA I. GEORG

**Professor and Head, Department of Medicinal Chemistry;
Robert Vince Endowed Chair; McKnight Presidential Chair;
and Director, Institute for Therapeutics Discovery and Development
College of Pharmacy, University of Minnesota**



The Purdue College of Pharmacy, along with the Department of Industrial and Physical Pharmacy and Mrs. Virginia Tyler, was pleased to present the Varro E. Tyler Distinguished Lectureship on November 4, 2016, at Purdue University. Dr. Gunda Georg gave her lecture entitled “Recent Drug Discovery Progress for Non-Hormonal Male Contraception.” Dr. Georg is Professor and Head of the Department of Medicinal Chemistry and the founding Director of the Institute for Therapeutics Discovery and Development at the University of Minnesota College of Pharmacy. She holds the Robert Vince Endowed Chair and the McKnight Presidential Chair in Medicinal Chemistry.

Dr. Georg received her BS in Pharmacy and PhD in Medicinal Chemistry from Philipps University in Marburg, Germany. She was a postdoctoral fellow in the Department of Chemistry at the University of Ottawa in Canada. After 22 years as a faculty member at the University of Kansas, she joined the University of Minnesota in 2007. Her research focuses on the design, synthesis, and evaluation of biologically active agents. Current major therapeutic areas are focused on male and female non-hormonal contraception, cancer, epilepsy, and Alzheimer’s disease. These projects require the development of synthetic methods, semi-synthesis and total synthesis of natural products, structure-activity studies,

and structure-based drug design aimed at improving the therapeutic efficacy of lead compounds, including natural products, and hits from high throughput or fragments screening. She currently leads a NIH-supported U01 research program and an NIH research contract to discover non-hormonal contraceptive agents. At the University of Kansas she was the principal investigator of a state-wide NIH-funded Center for Cancer Experimental Therapeutics with a focus on supporting and mentoring junior faculty members.

Dr. Georg’s work is described in over 200 publications. She has trained more than 100 doctoral and post-doctoral students. She is actively involved in professional organizations including the ACS and the AAAS. She has served for many years as grant reviewer on NIH study sections, for the NSF, AAAS, foundations, and universities, and she is a member of advisory boards for several scientific journals. She is the Co-Editor-in-Chief for the *Journal of Medicinal Chemistry*. She is an AAAS and ACS Fellow and has received the Ernest H. Volwiler Research Achievement Award of the AACP, the Sato Memorial International Award of the Pharmaceutical Society of Japan, the University of Minnesota Academy for Excellence in Health Research, and others.



Steven Leslie Receives Career Achievement Award



On March 31, 2017, Steven W. Leslie (BS 1969, MS 1972, PhD 1974) received the Purdue College of Pharmacy Career Achievement Award. This award is the pinnacle award bestowed upon alumni and alumnae of the College who have distinguished themselves through a lifetime of exemplary service in the field of pharmacy and service to Purdue. Recipients of the award are selected based on nominations solicited from faculty, staff, alumni, and the Dean of the College, in consultation with the Executive Committee. Steve is most deserving of this award, and the College is proud to bestow him this highest honor.

Steve is Executive Vice Chancellor for Academic Affairs at The University of Texas System Administration and holder of the James E. Bauerle Centennial Professorship in Drug Dynamics, College of Pharmacy, The University of Texas at Austin. Before joining the UT System in 2015, he served as Executive Vice President and Provost for six years and previously served as Dean of the College of Pharmacy for nine years at The University of Texas at Austin, having joined the pharmacy faculty in 1974.

As Executive Vice Chancellor of Academic Affairs, Steve provides leadership and serves the UT System's eight academic institutions to create and sustain excellence in educational opportunities, research, and healthcare. "I am fortunate to work with a strong and talented team in the UT System Office of Academic Affairs," he says. "In addition, our office leads systemwide initiatives focused on increasing student success, enhancing research universities and promoting innovation, recruiting and developing talent and leadership, coordinating and integrating veterans' affairs and veterans support activities, and leveraging health expertise for the benefit of the citizens of the state of Texas."

What he finds most interesting and enjoyable about his position as Executive Vice Chancellor is the opportunity it provides for him to build upon his career experience in working to advance excellence in higher education. This involves advancing research, student success, and healthcare. UT System institutions have multiple approaches to educational innovation, working at the leading-edge of technology, enhanced delivery platforms, and data analytics with a focus on quality, affordability, and access. "My role

provides an opportunity to affect change in higher education and healthcare at the state and national levels."

Steve's research is focused on molecular mechanisms of brain development and the effects of fetal alcohol exposure on the developing brain. He received continuous Research and Teaching Grant funding from National Institutes of Health (NIH) for over 25 years. His professional recognition includes several notable distinctions including NIH's National Institute on Alcohol Abuse and Alcoholism Research Scientist Development Award and the National Institute of General Medical Sciences MERIT award. In 2007, UT Austin's College of Pharmacy Alumni Association awarded him with the Legend of Pharmacy Award. That same year, he was presented with a Lifetime Achievement Award from the Research Society on Alcoholism. In 2001, The Texas Pharmacy Foundation presented him with the Individual Educational Excellence Award, and in 1994, the Purdue College of Pharmacy acknowledged his many accomplishments by awarding him the Distinguished Alumnus Award.

Why did you choose to attend Purdue University, and how did you first become interested in pharmacy?

Purdue was always my first and only choice, and was the only university I applied to for college. I began at Purdue as a chemistry major, but while I was working through school, I had a job at Arth Pharmacy on State Street. As a result of my work there, I grew to love the applied chemistry aspects of pharmacy and had the good fortune to be accepted to the Purdue Pharmacy program.



Steven Leslie with his wife, Denese, and former graduate studies advisor Dr. Joseph Borowitz

“As I reflect on my years spent on the Purdue campus, I have a deep sense of pride and respect for the superb quality of education I received. My education and experiences at Purdue created strong foundations and a deep personal commitment to pursue excellence in education and research. My education at Purdue prepared me for professional accomplishments I never imagined possible. I consider my time as a student to be one of the most significant privileges of my life, and this Career Achievement Award from my alma mater is a distinction of recognition that I will always cherish.” STEVEN LESLIE

What is a particularly fond memory of your days at Purdue? *There are so many fond memories during my nine years spent on the beautiful Purdue campus that it is hard to pick just one. The day I was accepted into the Purdue Pharmacy program is definitely a highlight, and I have fond memories of the many occasions of late sessions with my pharmacy study group to prepare for those tough exams.*

Which faculty members are most remembered and why? *There are two Purdue faculty members who were the most memorable to me: Dr. George Spratto, who helped me return to graduate school after I worked for a year in pharmacy practice, and Dr. Joseph Borowitz, who was a great supervising professor for my masters and doctoral degrees in Pharmacology/Toxicology.*

Dr. Borowitz also has been a positive influence for me. His patient and persistent guidance provided throughout my time in the Pharmacy graduate program, and his constant pursuit of excellence, are qualities I have strived to emulate throughout my career.



Pharmacy Distinguished Alumni Awards



(L to R) 2017 Pharmacy Distinguished Alumni Suresh Madhavan, Alisa Kilgas, Angela Falzone, and May Wang

The faculty of the Purdue College of Pharmacy has chosen four alumni to receive the 2017 Distinguished Alumni Award. These prestigious awards, initiated in 1984, are conferred annually upon selected alumni or alumnae in recognition of their outstanding achievements in professional and scientific endeavors. A luncheon ceremony was held in the recipients' honor on March 31, 2017, in the Spurgeon Room at Mackey Arena.



Angela M. Falzone (PhD 1990)
Scientific Director, Portfolio
Management Group
Janssen Pharmaceuticals

“My Purdue Pharmacy education gave me the tools to solve scientific and technical problems, the insights to view challenges from many perspectives, and the tenacity to work to optimal solutions.”



Alisa K. Kilgas (BS 1987)
Chief Executive Officer
Singota Solutions

“My Purdue Pharmacy education, then and now—because if you are smart, you never let it end at graduation—took the seeds I’d collected of loving math, science, health, and safety and guided the wise planting of them in the fertile soil of the study of pharmaceuticals and a career in the life sciences.”



S. Suresh Madhavan (PhD 1988)
Chair and Professor, Department of
Pharmaceutical Systems and Policy
School of Pharmacy, West Virginia University

“I am very humbled to have been selected as a Distinguished Alumnus and to join the list of some of the greatest pharmacy educators and researchers that this institution has produced. My PhD training, outstanding mentors, and great peers from Purdue have been an inspiration to me throughout my career and helped me to make my contributions to the pharmacy profession and health services and outcomes research. This is an honor that my wife, Susan (MS 1989), and I will treasure.”



Q. May Wang (PhD 1991)
Senior Vice President, Business
Development & Strategic Alliances
Hutchison MediPharma

“The people I interacted with at Purdue had a profound influence on me as a young student from China. The rigorous graduate research training had prepared me well for the various roles I have taken in the fast evolving global pharma industry. Every success I have achieved has had a Purdue Pharmacy watermark on it.”



You may read full biographies of the award recipients at www.pharmacy.purdue.edu/alumni-friends/awards-recognition/distinguished-alumni-awards.




TUMAINI INNOVATION CENTER

PURDUE KENYA PARTNERSHIP

The U.S. Ambassador to Kenya, Mr. Robert Godec, visited the Purdue University supported Tumaini Innovation Center on May 26, 2017, to see firsthand the transformative work taking place. Tumaini in Kiswahili means hope. The Tumaini Innovation Center was founded in 2010 with the mission to empower street children with the hope, knowledge, skills, opportunities, and resources to find a healthy, permanent alternative to the streets of Eldoret, Kenya.

Ambassador Godec met with 20 former street boys who now live at the education and vocational training center, and are connected by their life experiences, and witnessed firsthand their newfound skills and self-confidence. The Center demonstrates the power of bringing together Purdue faculty and students from across several colleges to tackle social issues rooted in poverty and scarcity. On display for Ambassador Godec were projects resulting from collaborations with the Purdue Colleges of Agriculture, Engineering, and Pharmacy. During the visit, Ambassador Godec remarked that he had never seen a school like this before and that the future of Kenya is bright with such innovative minds pushing the country forward.

The Purdue Tumaini team is deeply grateful to Ambassador Godec, his economic officer Mr. David Pemberton, and his press attaché Ms. Fiona Evans for visiting the Center and highlighting its vital work. For more information about the Purdue Kenya Partnership or to help support our mission please contact Dr. Sonak Pastakia at spastaki@purdue.edu. 



Ambassador Godec tweeted out the message "The strong #USKePartnership was clear @TumainiCenter in #Eldoret where @LifeAtPurdue is helping street kids build new lives thru training!"



Tumaini residents learn new skills in the vocational training center such as welding by a graduate of the Purdue College of Engineering which allowed them to build the Practical Utility Platform (PUP) vehicle that Ambassador Godec drove



Ambassador Godec also tweeted "Awesome to test drive an all terrain vehicle built by the youth @TumainiCenter in #Eldoret! You can accomplish amazing things!"

Center for Medication Safety Advancement

Here at the Center for Medication Safety Advancement, we have long known that the root of our success has been external to our organization. Our partners and friends have been an exceptional influence on our work and have continued to invite us to take part in their journey towards making safe medication use common practice. But something truly unique, above and beyond this level of engagement, has blossomed this past year. We have been approached by a foundation that not only believed in our mission, but wanted to become an integral part of its ongoing success.

It is indeed my privilege in this letter to introduce you to the Judy and Dave Hale Foundation (JDHF). Judy (BS 1961) and Dave (BS 1959, Engineering) are both Purdue graduates who have a passion for the work being done at CMSA. Through the generous support of their foundation, we are proud to announce the new **Judy and Dave Hale Foundation Fellowship in Medication Safety**. Through their philanthropy, CMSA will now have the resources to continue offering a world class post-doctoral fellowship training program in medication safety.

The program is a two-year fellowship that is rotational in nature—focusing on the academic, manufacturing, and regulatory aspects of the medication use process. The fellow spends their first eight months at CMSA establishing a base of knowledge to further their work and research for the next two years. Then it is on to our manufacturing partner, Eli Lilly and Company, for the next eight months to work on a variety of issues in pharmacovigilance. The program culminates with eight more months in Silver Spring, Maryland, at the Food and Drug Administration. Ultimately, CMSA and the JDHF believe that this program is vitally important to preparing the next generation of medication safety leaders.

We are also pleased to present the inaugural JDHF Fellow, **Kathryn Marwitz**. Dr. Marwitz received her PharmD degree from Drake University in 2016 and her Master of Public Health from Johns Hopkins University in 2017. We are extremely proud of her past accomplishments and look forward to an exceptional two years with her as our JDHF Fellow.

I spend a great deal of time in these letters thanking people, and I am incredibly sincere in these efforts. Unless our vision is shared by those around us, we are falling short of what we know is possible. Judy and Dave Hale are true champions of medication safety, and through the generosity of the JDHF we look forward to providing a world class post-doctoral training program for many years to come.



A handwritten signature in black ink, appearing to read 'KHultgren'.

Kyle E. Hultgren, PharmD

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Kathryn Marwitz

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.

It is exciting that we are able to continually enhance our CE programming, and I am pleased to announce that it is occurring once again on two separate fronts!

First, we are collaborating with Dr. Jasmine Gonzalvo, Clinical Associate Professor of Pharmacy Practice, to develop content for diabetes educators. She currently serves on the Credentials Committee for the National Certification Board for Diabetes Educators (NCBDE) and the Board of Directors for the American Association of Diabetes Educators (AADE), and her research interests relate to cardiovascular conditions with a focus on diabetes and hyperlipidemia.

Following are a few statistics regarding diabetes in the United States:

- **29.1 million Americans have diabetes,**
- **diabetes is the 7th leading cause of death,**
- **the total estimated cost of diagnosed diabetes in 2012 was \$245 billion.**

Studies have shown that diabetes education is the foundation of diabetes management, and better diabetes education could lead to improved self-management and psychological well-being. We will be exploring opportunities from an interprofessional perspective to develop content which addresses everything from self-care, i.e. healthy eating and exercise, to monitoring and medications with the ultimate goal of ensuring better outcomes for patients. As an exhibitor at the 2017 AADE Annual Conference held in Indianapolis in August, we were able to advertise our program and identify other means for us to support this effort.

Secondly, we are collaborating with the Primary Care Psychiatry Foundation (PCPF). 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.

According to the American Society of Addiction Medicine:

- **drug overdose is the leading cause of accidental death in the U.S. and opioid addiction is driving this epidemic,**
- **in 2012, 259 million prescriptions were written for opioids—enough to give every American adult a bottle of pills.**



In 2016, we launched our first live conference, *Identifying and Treating Opioid Use Disorder in Primary Care*. We recently converted that content into an enduring format which is available to you at no charge via our CE website, <https://ce.pharmacy.purdue.edu>. Topic areas 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. This effort was spearheaded by Dr. Carol Ott, Clinical Professor of Pharmacy Practice and Clinical Pharmacy Specialist in Psychiatry. She has demonstrated specialized knowledge and skill in optimizing care of patients with psychiatric illness by assessing and monitoring patients, recognizing drug-induced problems, and recommending appropriate treatment.

We are fortunate to collaborate with our outstanding Purdue Pharmacy faculty in creating cutting-edge, interprofessional content to address emerging and/or escalating health concerns relating to these and other disease states. Please visit our website often to take advantage of all of our educational opportunities.



Marlene

Marlene O. Heeg

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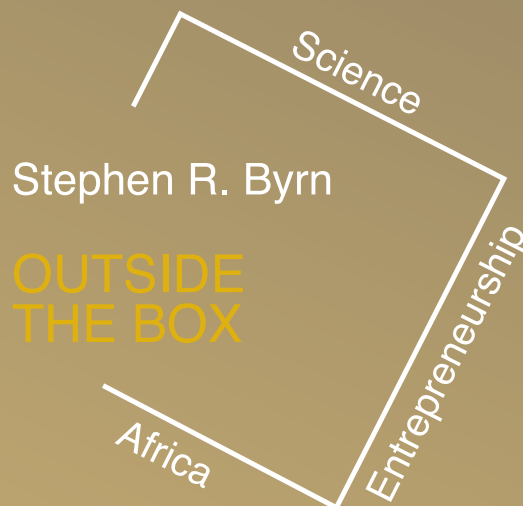
14th Annual Garnet E. Peck Symposium

The 14th Annual Garnet E. Peck Symposium was held at Purdue University on March 28-29, 2017, with the topic for this year's symposium being "Outside the Box: Celebrating the Life and Work of Stephen R. Byrn." Co-chaired by Dr. Lynne Taylor, Retter Professor of Pharmacy, and Dr. Elizabeth Topp, Dane O. Kildsig Chair and Department Head, this symposium beautifully captured the work and outreach of Dr. Byrn expressed through the speakers who shared mutual ties and interests. The talks not only presented impressive research, such as high energy x-ray diffraction from amorphous pharmaceuticals and 3D microstructural perspective to observe solid dosage systems, they also exposed attendees to complex pharmaceutical patent litigation, entrepreneurship journeys, and the challenges and rewards of establishing an industrial and physical pharmacy program in Africa.

Symposium presenters included: **Mr. Eyal Barash**, Attorney, Pharmaceutical Patent Counsel, Barash Law LLC, Lafayette, Indiana; **Dr. Chris Benmore**, Senior Physicist, X-ray Science Division, Advanced Photon Source, Argonne National Laboratory, Illinois; **Mrs. Sally Byrn**, Co-founder of SSCI, West Lafayette, Indiana; **Dr. Kari Clase**, Professor of Technology, Leadership & Innovation and Agricultural & Biological Engineering, Director of Biotechnology Innovation and Regulatory Science Center, Purdue University; **Sister Zita Ekeocha**, Medical Missionaries of Mary, Kilimanjaro School of Pharmacy, Tanzania, Africa; **Dr. Allen Templeton**, Assistant Vice President, Formulation Sciences, Merck, New Jersey; **Dr. Peter York**, Professor Emeritus of Pharmacy, University of Bradford, England; and **Dr. George Zografi**, Professor Emeritus and former Dean of the School of Pharmacy, University of Wisconsin.

The welcome reception was held at SSCI, a cGMP research company founded by Dr. and Mrs. Byrn, and located in the Purdue Research Park in West Lafayette. Poster sessions and three minute thesis presentations from graduate students spotlighted the tremendous work being done in Industrial and Physical Pharmacy at Purdue University. Venecia Wilson, a graduate student under the direction of Dr. Lynne Taylor, won the Three Minute Thesis Competition with her presentation, *The Prediction of Amorphous Solid Dispersion Performance in vivo from in vitro Experiments*.

This annual symposium honors the late Garnet E. Peck, Professor Emeritus of Industrial and Physical Pharmacy, and his contributions to the pharmaceutical sciences, including the development of latex-based tablet coatings that have been used in the industry for more than 35 years.



Symposium co-chairs and honored guest (L to R) Drs. Elizabeth Topp, Stephen Byrn, and Lynne Taylor



(L to R) Eyal Barash, Peter York, Zita Ekeocha, George Zografi, Lynne Taylor, Allen Templeton, Stephen Byrn, Gerry Migliaccio, Sally Byrn, Chris Benmore, Elizabeth Topp, Kari Clase, and Ken Morris

FACULTY RESEARCH SPOTLIGHT

Dr. Carol Post

Professor, Department of Medicinal Chemistry and Molecular Pharmacology
Adjunct Professor, Department of Biological Sciences



When Dr. Carol Post was an undergraduate at the University of Arizona in the premedical program, her advisor asked if she would like to conduct research in his laboratory. "From then on, I was hooked on science and doing research related to what I thought of as 'bio' and now better described as life sciences," she says. Dr. Post describes herself in the most general term as a biophysicist, and her research aims to understand protein function in terms of 3-dimensional structure and the regulation of protein-protein interactions using the tools of computer simulations and high-resolution NMR spectroscopy.

She considers discovery and the integration of information into new knowledge to be the most exciting aspects of research, and that the recent explosion in computer power has accelerated the field of biomolecular dynamics simulation to an almost unbelievable degree. "The ability of computer simulation to provide the atomistic detail on how protein molecules move and interact with other molecules enables us to think deeply about how things like phosphorylation and mutations alter protein function, which is the fundamental basis of most disease states."

Dr. Post joined the Department of Medicinal Chemistry and Molecular Pharmacology in 1990. When discussing what she finds most enjoyable about working at the Purdue College of Pharmacy, she shares, "By far, it is the friendly environment and support from my department and the College to be able to direct a research group of very talented students."

More About My Research

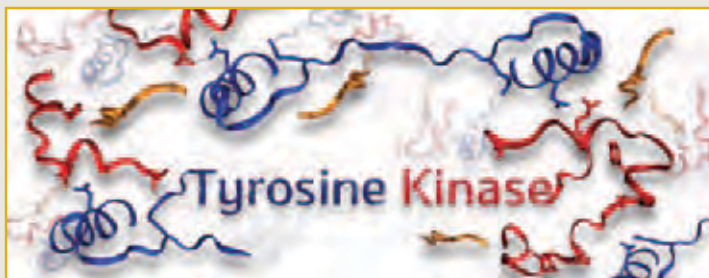
Our lab has recently had some terrific discoveries related to two

protein tyrosine kinases: Src and Syk. Tyrosine kinases have long been recognized as causative factors in cancer and immune diseases, and are consequently active targets and the focus of much drug development effort. The role of kinases in disease is due to their central role in regulating a large number of essential cellular processes through phosphorylation of tyrosine residues of their protein substrates.

Src tyrosine kinase was the first oncogene product shown to promote tumorigenesis. While drugs have been designed to inhibit Src activity, these drugs are non-selective and hit a number of other kinase targets in the cell, causing harmful side effects. We are therefore motivated to look at new sites on Src for targeting inhibitors with greater specificity, and have used NMR spectroscopy and computer simulations to characterize the exact location substrates bind to the surface of Src. Unexpectedly, we found that Src does not bind substrates like other tyrosine kinases, but instead binds substrates like threonine/serine kinases, a different protein kinase that phosphorylates different amino acids. This finding now opens the possibility of using these differential recognition determinants as a basis for designing kinase inhibitors with greater selectivity.

For Syk tyrosine kinase, we have studied the mechanism for regulating Syk's association with a membrane receptor in B cells that initiates intracellular signaling for an immune response. Syk is implicated in arthritis and other autoimmune diseases, and we propose that small molecules that modulate Syk association with receptors could have a therapeutic effect. Syk was first discovered by my colleague, Bob Geahlen, and we have had a fruitful collaboration for almost my entire career at Purdue. Syk has a very strong association with the B cell receptor, which is 100 to 1,000 times weaker affinity upon phosphorylation of Syk at a tyrosine residue far from the interaction site. NMR enabled us to determine that Syk phosphorylation and weaker binding is due to a change in domain structure but cannot reveal the cause underlying this change. For this insight, we turned to computer simulation. We discovered a key interaction between the phosphoryl group and a very distant lysine residue of Syk nucleates the change in domain structure. What is very exciting is that Dr. Geahlen and his lab are testing this interaction and the data so far support the model. Altogether, the work establishes a new allosteric regulatory mechanism based on tyrosine phosphorylation to control signaling.

An ultimate goal of this research is to understand the regulation and function of tyrosine kinases well enough to be able to control it to improve human health. By discovering new mechanisms of regulating protein-protein interactions, we hope to find new drug targets.



FACULTY & STAFF NEWS



Dr. Chelsea Anderson, Project Manager for the Center for Medication Safety Advancement, is the recipient of the 2017 APhA New Practitioner

Award. The award recognizes a new practitioner within his/her first five years of practice who has demonstrated distinctive achievements in mentorship, service, and commitment to the profession of pharmacy.



The National Cancer Institute (NCI) has begun a Phase I study titled "Indenoisoquinoline LMP744 in Adults with Relapsed Solid Tumors and Lymphomas."

LMP744 is a new drug developed by **Dr. Mark Cushman**, Distinguished Professor of Medicinal Chemistry. This is the third drug from the Cushman laboratory to enter Phase 1 clinical trials at the NCI.



Alan Farkas, Pharmacist in the Purdue Pharmacy, is the recipient of the 2017 Outstanding Advisor of the Year Award for a Student

Organization [APhA-ASP] from Purdue's Student Activities & Organizations.

In December 2016, Purdue President Mitch Daniels presented the One Brick Higher Award to **Dr. Marietta Harrison**, Interim Director of the Regenstrief Center for Healthcare Engineering and Professor of Medicinal Chemistry and Molecular Pharmacology. The award is a special recognition given to Purdue faculty, staff, and students who go beyond the requirements of their role and, through extraordinary effort, improve the lives of those around them, increase the effectiveness of the workplace, or prevent or solve problems. ▶▶▶



The Purdue College of Pharmacy's Pharmaceutical Sciences Teacher of the Year Award was presented to

Dr. Chang-Deng Hu, Professor of Medicinal Chemistry and Molecular Pharmacology, at the BSPS Celebration Dinner on April 29, 2017.



The 2017 Chaney Faculty Scholar Award was presented to **Dr. Karen S. Hudmon**, Professor of

Pharmacy Practice, during the Purdue College of Pharmacy faculty retreat held on May 12, 2017. This is the highest research award given to faculty by the College. The award recognizes outstanding research, scholarship, or creative activity including professional accomplishments in the recipient's field. Recipients are presented with a plaque and \$2,500. This award is established through the generosity of Jeannie (BS 1961) and James B. Chaney.



Dr. Rakhi Karwa, Clinical Assistant Professor of Pharmacy Practice, is the recipient of the 2017 Chaney Family Preceptor

of the Year Award established through the generosity of Jeannie (BS 1961) and James B. Chaney. See page 22.



Effective July 1, 2017, **Dr. Tonglei Li** stepped down as Associate Dean for Graduate Programs and assumed the role of Interim Head for the

Department of Industrial and Physical Pharmacy. He remains on the faculty as the Allen Chao Chair and Professor of Industrial and Physical Pharmacy.



Dr. Wanqing Liu, recently promoted to Associate Professor of Medicinal Chemistry, is the 2017 Chaney Family Early Faculty Scholar Award recipi-

ent. The purpose of this award, established through the generosity of Jeannie (BS 1961) and James B. Chaney, is to recognize a Purdue College of Pharmacy faculty member in the first ten years of his/her career who has demonstrated outstanding scholarship.





Dr. Sonak Pastakia, Associate Professor of Pharmacy Practice, has been named a class of 2017-2018 Jefferson Science Fellow, an initiative of

the Office of Science and Technology Advisor to the U.S. Secretary of State. The program is administered by the National Academies of Science, Engineering, and Medicine with the goal of engaging the academic community in providing science and technology advice in the process of formulation of U.S. foreign policy.



Dr. Stanley Shaw, Professor Emeritus of Nuclear Pharmacy, has been elected as the 2018-2019 Honorary President of the American Pharmacists

Association (APhA). He has also been selected as the inaugural recipient of the Warren Weaver/Richard Penna Award from the Board of Pharmacy Specialties (BPS) for his outstanding voluntary contributions to the advancement of BPS board certification of pharmacists. He will be recognized at the 165th APhA Annual Meeting and Exposition in Nashville, TN, in March 2018.



Dr. Brian Shepler, Assistant Dean for Experiential Education, is the recipient of the 2017 Outstanding Faculty Advisor Award for a Student

Organization [IPhO] from Purdue's Student Activities & Organizations.



Dr. Margie Snyder, Associate Professor of Pharmacy Practice, has been awarded funding by the ASHP Research and Education Foundation

through the 2015-2016 Pharmacy Practice Advancement Demonstration

Grant Program. The program supports demonstration projects related to practice advancement consistent with the ASHP/ASHP Foundation Practice Advancement Initiative (PAI) and Ambulatory PAI.



Effective July 1, 2017, **Dr. Elizabeth Topp** stepped down as Head of the Department of Industrial and Physical Pharmacy. She

remains on the faculty fulltime in the Department of Industrial and Physical Pharmacy. She has provided excellent leadership for the department during her tenure as head and the College will benefit from her continued contributions as a faculty member.



Dr. Val J. Watts has been appointed Associate Dean for Research effective July 1, 2017. He is Associate Head and Professor in the

Department of Medicinal Chemistry and Molecular Pharmacology.



Dr. Zach Weber, Clinical Associate Professor of Pharmacy Practice, is the recipient of the 2017 Dr. Aziz Outstanding Teacher of the Year

Award. This award is presented by the College in recognition of the outstanding contributions by the recipient to the students. It was established by Hamid Abbaspour (BS 1985) in memory of his brother, Dr. Aziz Abbaspour.



Dr. Danzhou Yang has been appointed Associate Dean for Graduate Programs effective July 1, 2017. She is the Martha and Fred Borch Chair

of Cancer Therapeutics and Professor of Medicinal Chemistry and Molecular Pharmacology.



Faculty Retirements

Effective June 30, 2017, the following Purdue Pharmacy faculty turned a new chapter in their lives and retired from the University. Through their careers, each has educated thousands of pharmacists and pharmaceutical scientists and the College wishes them the best in their next phase of their lives. Their careers will be highlighted in the Winter 2018 edition of *The Purdue Pharmacist*.



Dr. Curt Ashendel, Associate Professor, Department of Medicinal Chemistry and Molecular Pharmacology



Dr. Ray Galinsky, Professor, Department of Industrial and Physical Pharmacy



Dr. Bob Geahlen, Distinguished Professor, Department of Medicinal Chemistry and Molecular Pharmacology



ALL TOGETHER THANK YOU

Great things happen when our Purdue Pharmacy Family comes together! All together, Purdue University raised a record-breaking total of **\$28.2 million**. Because of you, the 2017 Purdue Day of Giving was a tremendous success for the College of Pharmacy and the numbers speak for themselves:

- Raised \$1,212,818
- Purdue Pharmacy ranked 7th out of 60 participating units
- About 225 alumni, donors, students, staff, faculty, and friends participated and gave back to the College of Pharmacy
- 69% of our donors were Pharmacy Alumni
- Graduation years ranged from 1956 to 2019
- Gifts came from donors living in 25 different states with 51% of our donors living in Indiana

Due to your generosity, the most important numbers to consider are those lives that will be forever transformed. Your gifts are what enable the College of Pharmacy to grant countless opportunities for more students, further increasing the value of a Purdue education. Thank you for making Purdue Pharmacy and our Day of Giving a remarkable one!

Visit <https://vimeo.com/215025571> to watch a special **THANK YOU** message from Dean Svensson.





MULTICULTURAL PROGRAMS Celebrates 25 Years

The Purdue College of Pharmacy is pleased to celebrate the 25th Anniversary of Multicultural Programs (MCP). The College hosted a Multicultural Programs Celebration, *Honoring the Legacy and Accomplishments: Past to Present*, on April 28-29, 2017. Festivities included a meet and greet reception held at the Purdue Black Cultural Center as well as a luncheon and roundtable discussions at the Four Points by Sheraton in West Lafayette. Pharmacy students, alumni, faculty, staff, and corporate sponsors, as well as campus partners, had the opportunity to meet with the honored guests, Dolores Shockley and Johnnie Early.

MCP has a rich heritage of building a strong community over the years through student participation, tutoring support, student employment opportunities with faculty, council membership, donor support, and corporate sponsorship. These elements continue to contribute to the commitment to increase diversity from traditionally underrepresented populations in the College. “As we reflect on the past, we look to the future—the students,” comments Aneasha Moore (PharmD 2002), Chair of the Multicultural Programs Celebration Committee, member of the Purdue College of Pharmacy Minority Advocacy Council, and former student participant of MCP. “Students are the core of multicultural programs and their dedication to personal, academic, and professional development continues to drive success.”

“We are grateful for the ability to celebrate and honor the legacies and accomplishments of multicultural programs from past to present. The experiences shared by alumni honoree, Dr. Shockley, and keynote speaker, Dr. Early, were truly appreciated. Their historical journeys and impact in the profession of pharmacy will be forever etched in the memories of those in attendance. More importantly, their stories and reflections will become a part of the Purdue Libraries digital archive Oral History collection project for years to come,” says Linnette White, Director of Multicultural Programs. “Alumni and students also enjoyed the roundtable discussions. This was an element that provided great opportunities for students to network with alumni and learn more about the profession of pharmacy. It was a weekend full of reasons to celebrate multicultural success in the College of Pharmacy. We look forward to our students and alumni continuing to share their talent, time, and treasure.”



Keynote speaker Johnnie Early II



Director of MCP Linnette White addresses guests



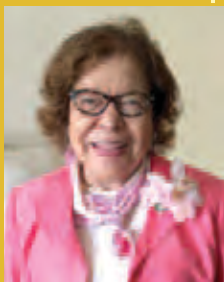
Dolores Shockley and her children



Aneasha Moore (R) presents P4 student India Whitney with a graduation gift



Minority Advocacy Council member Joanne Murphy-Woods (BS 1988) presents Dean Craig Svensson with a gift on behalf of Multicultural Programs



**Dolores C. Shockley
(MS 1953, PhD 1955)**

Dr. Shockley is Professor Emerita at Meharry Medical College in Nashville, Tennessee. Her early education was obtained from the segregated schools of Mississippi. She matriculated at Xavier University in Louisiana and in 1951, she received a BS in Pharmacy, graduating as valedictorian of her class. She continued her academic attainments at Purdue University where she obtained her MS and PhD degrees, both in pharmacology, thus becoming the first African-American woman to obtain a doctorate in pharmacology in the United States.

After her first semester at Meharry, she took leave to perform research as a Fulbright scholar at the Pharmacology Institute of the University of Copenhagen, Denmark. She then returned to Meharry as Assistant Professor of Pharmacology. Her career at Meharry proceeded through the ranks to Professor and Chair of the department and she became the first African-American woman to chair a department of pharmacology at an accredited medical school in the United States.

She is a 2009 recipient of the Purdue Pharmacy Distinguished Alumna Award. She has served on national advisory and review committees including the National Institutes of Health (NIH), National Science Foundation, Food and Drug Administration, and Department of Defense. She is especially proud of the fact that when she was chair of an NIH advisory committee, her experience at a Historically Black College and University provided insight to committee members from non-HBCU institutions when funding recommendations were decided. Dr. Shockley once commented that she never set out to be a first, but that she always liked science.



**Johnnie L. Early II
(MS 1976, PhD 1979)**

Dr. Early has served as Dean since 1987 at Historically Black Florida A&M University, Medical University of South Carolina, and The University of Toledo (UT), a metropolitan research university with a nationally ranked College of Pharmacy and Pharmaceutical Sciences. His learning began in the public schools of Macon, Georgia. He studied biology and pre-pharmacy at Fort Valley State University, pharmacy at Mercer University, and pharmacology and toxicology at Purdue University where he earned his MS and PhD degrees.

Dr. Early started the Purdue chapter of the Student National Pharmaceutical Association (SNPhA) which extends membership to all undergraduate and graduate students enrolled in pharmacy programs with its main objectives to provide mechanisms by which minority pharmacy students may participate in shaping their professional curricula; to develop within minority communities a positive image of black, Latino, and other minority health professionals; and to inform pharmacy students of opportunities and obligations as future healthcare professionals.

He is a 1993 recipient of the Purdue Pharmacy Distinguished Alumnus Award. He has been recognized as one of the 50 most influential pharmacists in America. In 2016, he was among the first to be honored as a Fellow of the National Pharmaceutical Association. The Raghavendra Institute of Pharmaceutical Education and Research (India) recently presented him with the Visionary Award in recognition of his commitment to promote innovation, science, diversity, and global outreach that transforms human conditions and motivates peers to follow the right path.

**History of
Multicultural
Programs**

The Office of Multicultural Programs was formed in 1992 as the Office of Minority Programs. Under the leadership of Dean Charles Rutledge, the School of Pharmacy recruited Jackie Jimerson from the Office of the Dean of Students to direct the newly formed program. Its mission is to continue to enhance the success and professional development of program participants and to promote cultural awareness and understanding within the College of Pharmacy. Foundation elements for the Multicultural Programs include proactive counseling, a demand for and commitment to excellence, and the creation of supportive community structure. All activities and experiences are pedagogically based and integral in efforts to successfully recruit, retain, and graduate students—irrespective of ethnicity. It should be noted that Multicultural Programs welcomes all students of any heritage to participate. One must simply be ready to enhance cultural competency and program excellence.



COMMENCEMENT CELEBRATIONS



“What lies behind us and what lies before us are
tiny matters compared to what lies within us.”
- Ralph Waldo Emerson

The Class of 2017 celebrated their remarkable accomplishments throughout their Purdue College of Pharmacy journey during the month of May. It is with great pride that we send our recent graduates out into the world to make a positive impact in their future endeavors. Congratulations and best wishes!



The **Senior Class Gift Luncheon** was held on April 28, 2017, in the Buchanan Suite at Ross-Ade Stadium. The Class of 2017 chose to establish the Senior Class Pharmacy Scholarship endowment. Once fully endowed, the scholarship will be awarded annually to a PharmD or BSPS student currently in his or her last year of school who has also held a leadership role. All subsequent Senior Classes will fundraise for this endowment so that funds will continue to grow and provide scholarships to future students. Special thanks is extended to Ed Fennell (BS 1981) and his wife, Patricia Hoffman, who graciously matched the funds up to \$5,000, bringing the total raised so far in gifts and pledges to over \$8,940. The members of the 2017 Senior Class Gift Committee consisted of Samantha Burton, Allison Grana, Jacob Martin, Zach McCormack, Hillary McNamee, Lindsay Moreland, Michael Peters, Anne Rodino, Adam Smith, Marissa Stoffel, Viktoria Vakulenko, Ethan Wahl, and Kiersten Walters.



On April 28, the **Graduation Banquet** was held in the Purdue Memorial Union Ballrooms. This year's theme was *Las Vegas: What happens at the banquet stays at the banquet*, and guests were entertained by student emcees Zack McCormack, Michael Peters, Adam Smith, Marissa Stoffel, and Eric Wargel. Dr. Michael Kays, Associate Professor of Pharmacy Practice, gave the faculty remarks and Pharmacy Alumni Board member Prof. Jane Krause (BS 1981, MS 1994) welcomed the graduating class into the pharmacy alumni family. The College is grateful to the Graduation Banquet Committee members Chidiebere Eze, Erika Hauenstein, Zack McCormack, Hillary McNamee, Emily Moncada, Michael Peters, Luke Smedley, Adam Smith, Marissa Stoffel, Ethan Wahl, and Eric Wargel for hosting this special event.



The College hosted the **BSPS Dinner** on April 29 in the Anniversary Drawing Room of the Purdue Memorial Union. Guests at the event were welcomed by classmates Alyssa Mouzin and Angela Pannunzio, and graduates were given the opportunity to introduce their family and friends and share their future plans. Dr. Steve Byrn, Charles B. Jordan Professor of Medicinal Chemistry, addressed the graduates, and academic awards were presented by Senior Associate Dean Holly Mason.



The **Pharmacy Graduation Reception** was held on May 13. Refreshments were served to 564 attendees who gathered in a tent outside the Heine Pharmacy Building to mingle and pose for photographs with faculty, staff, friends, and family members.

**The College appreciates the generosity of our Corporate Sponsors,
CVS Health and Kroger Company, for supporting these celebratory events.**

Congratulations, Class of 2017!



Preceptor Awards

On April 28, 2017, the College of Pharmacy recognized three outstanding preceptors at the Graduation Banquet. Dean Craig Svensson presented the following individuals with a plaque for their dedication to serving our students and the betterment of the pharmacy profession.



Rakhi Karwa

The Chaney Family Preceptor of the Year Award

Rakhi Karwa, Clinical Assistant Professor of Pharmacy Practice, works with the Purdue Kenya Program and AMPATH, the Academic Model Providing Access to Healthcare, in Eldoret, Kenya, where she has been since 2011. Rakhi provides pharmaceutical care on the adult internal medicine service at the Moi Teaching and Referral Hospital (MTRH) where she precepts Purdue advanced pharmacy practice experience students. She is a residency coordinator for the Global Health Pharmacy Residency Program which allows pharmacists to become immersed over a period of one to two years into the creation and provision of care programs in a low and middle-income setting. Her local educational efforts include providing experiential education to pharmacy interns from the University of Nairobi School of Pharmacy and starting the Post Graduate Diploma in Clinical Pharmacy program at MTRH, one of the first and only clinical pharmacy residency programs in sub-Saharan Africa. Being able to bring learners from North America and Kenya together to participate in a cultural exchange of ideas and education has been one of the most rewarding parts of the program.

James W. Long (BS 2000)

The Patty Elsner Memorial Volunteer Preceptor Award

James Long started his professional career with Osco Drug Pharmacy upon graduating from the Purdue College of Pharmacy. He served as a staff pharmacist with Osco Drugs that was fast-tracked through their leadership training where he learned project management. In 2006, he joined CVS Health as an Emerging Leader and realized his passion for pharmacist-led ambulatory service development in a direct patient care environment during his vaccination certification training. He modeled the way with the patient care initiatives at CVS Health, which led him to the opportunity to join St. Vincent Hospital in 2009. At St. Vincent Hospital, James developed an anticoagulation service that quickly expanded to four clinics across the St. Vincent system. Utilizing his project management training, he was able to create a multi-service ambulatory clinic known as Medication Management Services (MMS), a multidisciplinary team of pharmacists and nurses who support corporate partners, such as the Indiana Pacers. MMS is proud to provide students and pharmacy residents the opportunity to market, budget, develop, and provide direct patient care.

Todd A. Walroth (PharmD 2006)

Robert K. Chalmers Award for Distinguished Service to Experiential Programs

Todd Walroth is the Pharmacy Manager for Clinical Services and is a Clinical Pharmacy Specialist for Burn/Critical Care at Eskenazi Health (formerly Wishard Health Services) in Indianapolis, Indiana. A graduate of Purdue University, he completed an ASHP-accredited PGY1 residency with Clarian Health (now IU Health) and a PGY2 residency in Critical Care with Clarian Health/Wishard Health Services. He is the Site Coordinator for the Institutional/Residency Track Program with Purdue University and is the Co-Coordinator of the Student Technician/Internship Program at Eskenazi Health. In addition, he serves as adjunct faculty for Purdue University and Butler University. Todd's clinical research interests include medication use and dosing in critically ill patient populations such as burn and trauma, medication safety, nutrition, and developing clinical services and programs. He is currently serving as the Chair of the Pharmacy Special Interest Group within the American Burn Association and is a member of several additional professional organizations.



Making a Difference in **PLANNING** **FOR THE FUTURE**

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 planning for the future. A planned gift will leave a legacy that impacts future generations of Purdue students by ensuring that the College has the resources it needs to sustain excellence. Dual purpose endowments fund a major facility expansion, renovation, or new construction while simultaneously establishing scholarships, supporting faculty, or providing special programs. Unrestricted gifts allow the College maximum flexibility in responding to unexpected needs and opportunities. These flexible funds might enable the College to send students to compete nationally and display their skills at conferences, modernize classrooms with cutting-edge technology, or invite guest speakers to campus. There are many ways you can help us plan for the future. Contact John Dinkens (765-494-0501, jadinkens@prf.org) or Dan Bolsen (765-494-0252, dabolsen@prf.org) to learn more.

Make a gift at
Giving.Purdue.edu/GivetoRx



Rick and DeAnna Rondinelli (center) with their children (L to R) Anthony, Brittni, and Rhett in 2012

*“I believe alumni have a responsibility to give back to the Purdue College of Pharmacy. It defined and molded us into the people we are today. It provided me a solid foundation, built on rock, that will withstand many storms. My pharmacy education is everything to me, and I’m very grateful and blessed to have had the opportunity to graduate from Purdue. I want the College of Pharmacy to remain the best college in the country. If there is anything I can do to help the College continue to be successful, I want to be a part of it. Planned giving is one of the many ways to give back to Purdue, and I encourage all alumni to discuss these opportunities with the College. I’ve truly found that once you give, you get so much back in return. **Honestly, it’s priceless.**”*

Rick Rondinelli (BS 1980)
President and CEO
In Touch Pharmaceuticals, Inc.



The momentum from career development activities last spring has propelled us into a great start to fall 2017. In the spring, the BSPS Career Development Committee hosted an ice cream social and welcomed special guest Ryan Cohlhepp (PharmD 2000), Vice President of Marketing, Operations, and Analytics at Takeda Oncology. Thanks to a generous donation from John Nine (BS 1963, HDR 1983), BSPS students received shirts and jackets showing off the new BSPS logo. If you would like to purchase a jacket, please contact me.

The Purdue Pharmacy Ambassadors elected the new Employee Relations Committee. Members include Rachel Huntsman, Erin McMahan, Quynh Nguyen, Rachael Smith, Quinton Thompson, Olga Vlashyn (Chair), and Elizabeth Wilks. The committee quickly started planning for the 2017 Pharmacy Days Career Fair. See page 25.

The Career Development website has been redesigned and features current students and their career successes. Please check it out at www.pharmacy.purdue.edu/oss/career-development.

I look forward to working closely with students, alumni, faculty, and staff for another great year of career development events. Hail Purdue!




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



Spring 2017 BSPS Ice Cream Social



Ryan
 Cohlhepp



New BSPS Logo



(L to R) BSPS Career Development Committee Members Nikki Kouknas, Haley Brown, and Holly Maize wear the new shirts



BSPS jacket with new logo



Pharmacy Days CAREER FAIR

October 24-26, 2017

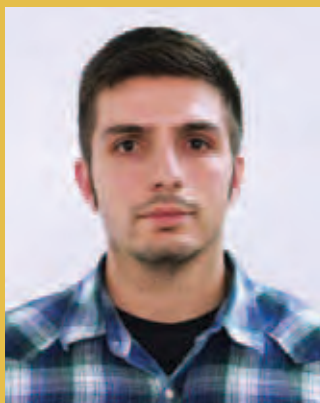
The Purdue Pharmacy Ambassadors welcome you to join us for the 2017 Pharmacy Days Career Fair! With over 500 students in attendance annually, Pharmacy Days is a great opportunity for employers to develop a relationship with the Purdue College of Pharmacy and its students. Registration is now open.

For more event details, please visit www.pharmacy.purdue.edu/OSS/Career-Development. Contact Jennifer Dexter at dexterj@purdue.edu or (765) 496-6156 with questions.



SIXTY SECONDS

With a Graduate Student



Dino P. Petrov

BS in Chemistry and Biology, 2012, Hillsdale College

Doctoral Student, Department of Medicinal Chemistry and Molecular Pharmacology, Purdue University

Anticipated Graduation Date: August 2017

Hometown: Gabrovo, Bulgaria

Major Professor: Dr. V. Jo Davisson

Research Interests: Oncology, small molecule drug development, synthesis

Thesis Title: Discovery of Inhibitors for the Human Papillomavirus E6 Protein

Awards & Honors: Dr. Gibbs Travel Award, American Chemical Society Polymer Education Committee, and Undergraduate Award for Achievement in Organic Chemistry

Extra-curricular Activities & Organizations: Purdue Racquetball Club

Post-graduation plans: *I plan to seek admission to medical school. Ideally, I want to end up in an environment where I can see patients and have an involvement in lab work. I think the clinical experience can greatly contribute to research and vice-versa; I don't want to separate them.*

How did you first become interested in the sciences?

My parents and some extended family members are physicians, so I was in a science-related household growing up. In high school, I thought it would be 'cool' to be able to manipulate matter and make molecules, so it was a natural progression from there on.

Why did you decide you pursue graduate studies at Purdue University?

I decided to apply to the MGMP program because I found the research interesting and intriguing and read good reviews about it. I also felt a personal connection with the cancer topic. The Purdue campus struck me as very well maintained and curated when I visited, as well.

“Graduate work is like a sinusoidal function—for the first half of the week everything goes wrong, and then as soon as it starts getting better, it's time for the weekend. But who takes those off, anyway!”



Greetings from Ole Purdue!

Summer is almost over and the College of Pharmacy is looking forward to an incredible fall! The College is adding a number of new faculty, and there are administrative changes taking place as well. We are very excited to have Eric Barker as our new Dean and look forward to his leadership of the College.

The College has a number of alumni events planned for the fall. We will be traveling to Northwest Indiana, Southern Indiana/Louisville, Chicago, San Diego, and Orlando for alumni receptions! We also have a number of alumni events planned on campus. Our first on-campus event will be held September 8, 2017, prior to our Friday night football game.

Homecoming activities will take place on September 22-23. Our Student and Alumni Chili Supper is on Friday at 6 p.m. This is a great opportunity for our students to network with our alumni as well as for our alumni to come back home! The Purdue vs. Michigan game has set a kick-off time at 3:30 p.m. Therefore, our Pharmacy Homecoming Tailgate will take place starting at noon. For more details visit our Homecoming website at www.pharmacy.purdue.edu/homecoming.

The Purdue Alumni Association is now offering a new Young Alumni membership! For alumni under the age of 35, annual memberships can be purchased for \$25 for an individual and just \$30 for a joint membership. We encourage all our alumni to join the Purdue Alumni Association as the College of Pharmacy receives a portion of every pharmacy alumni membership to do alumni programming for our alumni. You can find more information at www.pharmacy.purdue.edu/purduealumnimemberships.

Purdue Pharmacy is trying to update our alumni database. We have several alumni with whom we have completely lost contact. Please share with your classmates that if they are not receiving *The Purdue Pharmacist*, it is likely we don't have a current address for them. Remember to update your contact information with us, especially employment information, by sending me a message at nearyd@purdue.edu. We love hearing from you, and these updates help us connect the Pharmacy Family!

Remember to join us on our Pharmacy Alumni LinkedIn, Facebook, and Twitter pages, too.

Pride, Passion, Pharmacy, Purdue!



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

2017 Pharmacy Events Calendar

DATE	EVENT
September 6	Pharmacy First Nighter – Purdue Armory, 6 p.m.
September 8	Pharmacy Tailgate prior to Friday Night Purdue Game – Location TBA
September 10	White Coat Ceremony – Loeb Playhouse, Stewart Center, 2 p.m.
September 14	Northwest Indiana Purdue Pharmacy Alumni Reception – Cooper's Hawk Winery at 6 p.m.
September 22	Student & Alumni Chili Supper – Tent outside of RHPH, 6 p.m.
September 22	Pharmacy Alumni Board and Minority Advocacy Council Meeting
September 23	Homecoming Pharmacy Tailgate – Tent outside of RHPH, Noon
September 28	Purdue Pharmacy Alumni Reception – Kentucky Derby Museum, 6:30 p.m.
October 11	Purdue Alumni Reception in Libertyville, IL – O'Toole's, 6:30 p.m.
October 12	Purdue Alumni Reception in Naperville, IL – Hugo's Frog Bar, 6 p.m.
October 27	Dean's Advisory Council Meeting
October 28	Donor Recognition Brunch – Four Points by Sheraton, 8 a.m.
November 1	Jenkins-Knevel Graduate Student Research Symposium
November 1	Varro E. Tyler Distinguished Lecture – RHPH 172, 10:30 a.m.
November 4	Pharmacy Couples Tailgate – Birk Boilermaker Golf Complex – 3 hours prior to kick-off
November	Alumni & Friends Reception at the AAPS Meetings – date and details TBA
December	Alumni & Friends Reception at ASHP Meeting – date and details TBA

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

21ST ANNUAL

BOILERX GOLF CLASSIC



The College of Pharmacy held its 21st Annual BoileRx Golf Classic on June 2, 2017, on the Ackerman-Allen Course at the Birk Boilermaker Golf Complex. We appreciate all of our participants for joining us to spend time with friends and raise money for the Pharmacy Alumni Scholarship fund.

We would not be able to run this event without the tireless efforts of our loyal volunteers: Sue Bousquet (BS 1958), Jim Branham (BS 1977), Kate Burke (BS 1974), Elizabeth Chalmers (BS 1960), Pat George (BS 1983), Jane Krause (BS 1981, MS 1994), John Nine (BS 1963, HDR 1983), Mindy Schultz, and Steve Scott (BS 1976, PharmD 1978). The College also extends its gratitude to the following sponsors for their generous support:

Don (BS 1976) & Sue Barrick and Joanne Barrick (BS 1984)

**Jane Bubik (BS 1987, PharmD 1988) and
Brad Given (PharmD 2007), Aurora Pharmacy**

Morgan & Kate (BS 1974) Burke

CVS Health

Hudson Drug Shop

Kroger Company

Allan Loeb (BS 1976) and Joel Pietryga (PharmD 2006)

Mr. & Mrs. Allan Loeb

Jason (PharmD 2003) & Tricia (PharmD 2005) Lohr

John Nine (BS 1963, HDR 1983) (beverage cart)

Department of Pharmacy Practice

Reindeer Shuttle

Roudebush VA Pharmacy Services

Louis Windecker, Sr. (lunch)

**James Wu (PharmD 2003),
Community A Walgreens Specialty Pharmacy**

View photos from the event by visiting
www.pharmacy.purdue.edu/gallery/boilerx-2017.



1st Place Team

*(L to R) Rick Lacy,
R. D. Witt, David
Smiley (BS 1980),
and Mike Cain*



2nd Place Team

*(L to R) Jordan Zeider
(PharmD 2016),
Jake Spurgeon,
Larry Spurgeon,
and Steve Zeider*



3rd Place Team

*(L to R) Clarence Lopp,
Charley Schlehuser,
Bryce Hufford, and
Bruce Hufford
(BS 1971)*

MARK YOUR CALENDAR!

**22ND ANNUAL BOILERX
GOLF CLASSIC**

Friday, June 1, 2018



For more information, please contact Dana Neary, Manager of Alumni Relations and Special Events, at nearyd@purdue.edu or (765) 494-2632. More information is available at www.pharmacy.purdue.edu/boilerx.



HAPPENINGS



APhA-ASP PharmFlix Competition

Purdue's chapter of the American Pharmacists Association Academy of Student Pharmacists (APhA-ASP) was nominated in the national APhA-ASP PharmFlix 2016-2017 competition for Most Humorous and Best Overall Picture. View the video at <https://youtu.be/YZgevHijWTU>



Mary Tremaine Crowned Miss Purdue University

Mary Tremaine, a PharmD student entering her second professional year, has been selected as the 2017 Miss Purdue University. The Miss Purdue University Scholarship Program was founded in 1957 with a mission to provide young women with a vehicle to further their personal and professional goals and instill a spirit of community service through a variety of unique nationwide community-based programs. Mary is advocating on behalf of Project C.U.R.E. which sends medical supplies to countries in need.



APhA-APPM Presentation Merit Award

Purdue Pharmacy students **McKenna Jennings** and **Dakota Richart** (pictured L to R) are the recipients of the 2017 APhA Academy of Pharmacy Practice and Management (APhA-APPM) Presentation Merit Award. This award recognizes presenters on practice-related subjects made at the APhA Annual Meeting poster sessions held during March 24-25 in San Francisco. McKenna and Dakota are members of the Academy of Student Pharmacists (ASP), the student chapter of APhA. They completed their research, Hepatitis C: Caring for the Veteran Population, at the Roudebush VA in Indianapolis as part of the VA Learning Opportunities Residency (VALOR) Program.



Hannah Zambrano Receives NIDA Summer Research Internship

Purdue Pharmacy student **Hannah Zambrano** has been selected as a National Institute on Drug Abuse (NIDA) 2017 Summer Research Intern. The eight week program provides summer research internships with a focus on increasing underrepresented populations in drug abuse research. Hannah is a participant in the College's Multicultural Association of Pharmacy Students (MAPS). This summer she is working with a NIDA-funded scientist at the University of Texas Medical Branch in the field of substance abuse and addiction research.



VIP Advocacy Challenge

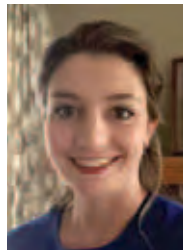


Industry Pharmacist Symposium

Purdue IPhO Chapter

Several student chapters of the Industry Pharmacists Organization (IPhO) participated in the Value of Industry Pharmacists (VIP) Advocacy Challenge, *The Paths to Industry*, held at the national meeting on March 25, 2017, in San Francisco. The Purdue College of Pharmacy IPhO chapter competed and finished as winners for the second year in a row, this year tying for third place in the challenge. In addition to being recognized, the chapter was awarded \$100.

The IPhO chapter hosted the 2nd annual Industry Pharmacist Symposium on April 8, 2017. The event brought together about 50 students from eight Colleges of Pharmacy to the Purdue campus. The Keynote speaker was **Jeff Hatfield** (BS 1981) and the Distinguished speaker was **Katie MacFarlane Phillips** (BS 1988, PharmD 1989). The chapter team consists of Pharmacy students James Jeng, Joshua Martin, Caroline Muhoro, Priya Patel, Matthew Plassmeier, Melanie Pugh, Alex Schuster, Jacob Tebbe, Michael Yeakey, and Kwadwo Yeboah (President). Special thanks is extended to Dr. Brian Shepler for his dedication as faculty advisor.



Goode



Lindstrom



Ngendahimana



Udayachalerm

Graduate Teaching Awards

Kourtney Goode is the recipient of the 2017 Graduate School's Excellence in Teaching Award, Purdue University's highest award in recognition of graduate student teachers. Kourtney is a doctoral student in the Department of Medicinal Chemistry and Molecular Pharmacology under the direction of Dr. Tony Hazbun. She was presented a plaque at the 19th Annual Celebration of Graduate Student Teaching Excellence on April 25, 2017, and received an award of \$500.

Also recognized at the celebration were doctoral graduate students **Aaron Lindstrom** (Medicinal Chemistry and Molecular Pharmacology), **Aimable Ngendahimana** (Industrial and Physical Pharmacy), and **Sariya Udayachalerm** (Pharmacy Practice), recipients of the 2016-2017 Teaching Academy Graduate Teaching Award. This award, sponsored by the Teaching Academy and the Office of the Provost, honors graduate students with teaching responsibilities from across campus for their dedication to Purdue students and their outstanding teaching contributions.



Nicole Sebahar Receives Córdova Leadership in Action Award

Nicole Sebahar, a 2017 PharmD graduate, is the recipient of the France A. Córdova Leadership in Action Award. This award honors a graduating student who has demonstrated exceptional leadership during his or her Purdue career. The student must have held successful leadership roles at Purdue, working in partnership with staff and faculty to move the University forward, while maintaining a minimum 3.0 grade point average. The award winner receives a certificate, a cash award, and their name inscribed on a plaque. Nikki was presented her award on April 26, 2017, at the Student Life Award Ceremony on the Purdue campus.

Viktoria Vakulenko Named AACP Walmart Scholar



Purdue Pharmacy student **Viktoria Vakulenko** has been selected as a 2017 AACP Walmart Scholar. The goal of this scholarship program is to strengthen the recipient's skills and commitment to a career in academic pharmacy through participation in programming and activities at the 2017 AACP Annual Meeting and Seminars. The program provides \$1,000 travel scholarships to 85 student/faculty pairs from AACP member institutions to attend the AACP Annual Meeting and the AACP Teachers Seminar in Nashville, Tennessee, which was held July 15-19. Viktoria is pictured with her faculty mentor, Professor Jane Krause.

Pharmacy Women for Purdue 2017 Spring Conference

The Purdue College of Pharmacy hosted its Pharmacy Women for Purdue (PWFP) spring conference on April 6-7, 2017. PWFP supports and encourages professional and leadership development through networking opportunities with alumnae, and we welcomed several guest speakers to campus to share their insight.

The guest speaker this year was **Heidi Anderson** (BS 1978, MS 1982, PhD 1986), Provost and Vice President for Academic Affairs at Texas A&M University—Kingsville. Her 25-year career in higher education includes vast experience in accreditation processes; extensive budget experience, including both allocating and advocating for resources, and attracting external funding; and leadership roles in implementing strategic goals involving faculty recruitment, retention, and development. Dr. Anderson spoke about “An Academic Leader’s Reflection of the Leadership Ps”.

PWFP participants earned free Continuing Education credits from presentations given by Dr. Chelsea Anderson (PharmD 2011), Project Manager for Purdue’s Center for Medication Safety Advancement (“Medication Safety Overview”) and Dr. Richard van Rijn, Assistant Professor of Medicinal Chemistry and Molecular Pharmacology at the Purdue College of Pharmacy, and doctoral student Dounkamol Alongkronrusmee (“Drug Abuse Trends Associated with Chronic Pain Treatment”).



(L to R) Guest speaker Heidi Anderson with Sarah Sanders (BS 1978, PharmD 1980), Joanne Murphy-Woods (BS 1988), and Stephanie Hasan (BS 1992)

Valerie Gaylor Receives Pharmacy Women’s Leadership Award

The 2017 Pharmacy Women’s Leadership Award was presented to **Valerie Gaylor** (BS 1979, PharmD 1985), Pharmacist Recovery Network (PRN), during the PWFP spring conference. The award is presented annually by PWFP to recognize an alumna of the College who has made significant contributions to and demonstrated exemplary involvement with the College. She must demonstrate significant and sustained volunteer leadership through service to the professional community, as well as demonstrate engagement in the mentorship of colleagues and students. Valerie was vital in getting the Pharmacy Women for Purdue started, opening her home to our group for events. She shared information about the PRN with female students and worked with fellow alumnae to assist our fourth year professional PharmD



female students with interviewing skills, résumés, and residencies.



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

CLASS NOTES



Judy Hale (BS 1961) and her husband, Dave (BS 1959, Electrical Engineering), visited South Georgia, a large island in Antarctica, in 2016. The couple also visited there in 2009 with Neil Armstrong and five other Purdue alumni.

1970-1979

Since 1978, **John Guthrie** (BS 1973) has been the owner of Guthrie's Pharmacy, an independent store in Chandler, IN. Guthrie's Pharmacy is the only independently owned pharmacy in Warrick County, as well as the only pharmacy in the county to provide free delivery service.



Candice Lange (BS 1976) is Director of the Jane Brock-Wilson Women in Management Center at Purdue University's Krannert School of Management. On March 6, 2017, she participated in a Purdue College of Pharmacy's Leadership elective course. Afterwards, she posed for a photo with fellow Purdue Pharmacy classmates Steve Scott (L) and Steve Abel (R).

Stephen McNeil (BS 1973) shares that he retired in July 2016 and is enjoying watching his grandchildren, Anissa (6) and Bennett (1 ½), grow up. "I really enjoyed my pharmacy career, but it's nice now to be able to sit down when I eat."

Paul Price (BS 1973) shares that he is enjoying retirement by helping Dr. Kisha Christian (far left in photo below) and staff at her terrific pharmacy, Neighborhood Pharmacy, in Frederiksted, St. Croix, U.S. Virgin Islands. Paul visited St. Croix several years ago and thought, "This would be a great place to retire and still stay active, part time, in the profession!" He still loves the practice of pharmacy and has found this to be the perfect setting for relaxing and staying in touch with the people.



1980-1989

James Lile (BS 1989, PharmD 1990) has been named the 2017 President of the Michigan Pharmacists Association.

1990-1999

Ted Gerber (BS 1991) celebrated his 25th anniversary with Walgreens in November 2016. He is a pharmacy manager in the Chicago suburban market and is an immunization regional specialist. Ted is shown here with his son, Lucas, at the top of Mt. Baldy at the Philmont Scout Ranch in New Mexico during a trip in June 2016 with Boy Scout Troop 510 from Naperville, IL.



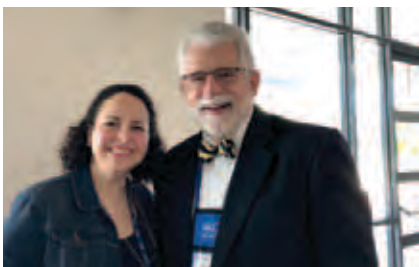


For the past year, **Ayat Abourashed** (BS 2016) lived in Makassar, South Sulawesi, for the Fulbright English Teaching Assistant Program. "Living in Indonesia is probably one of the highlights of my life. I've loved teaching such enthusiastic students, making friends with all sorts of people, and learning more about such an unknown country," says Ayat. "I'm so grateful for this whole experience, but I missed science. My pharmacy education really made me fall in love with healthcare; seeing the impact of infectious diseases such as Malaria and Dengue on the locals made me realize that I want to fight this." Ayat has been accepted into the Erasmus Programme in Europe where she will pursue an International Masters in Infectious Diseases.

Gireesh Gupchup (PhD 1996), Dean and Professor of the Southern Illinois University Edwardsville School of Pharmacy, is the recipient of the 2017 Outstanding Dean Award presented by the American Pharmacists Association-Academy of Student Pharmacists (APhA-ASP). The award recognizes school or college of pharmacy deans who have made significant contributions to APhA-ASP chapters and who have promoted, with distinction, the welfare of student pharmacists through various community service, leadership, and professional activities.

2000-2009

Sacha Rivera-Sarate (PharmD 2001) is Director of Experiential Learning at the University of Puerto Rico School of Pharmacy. Dr. Steve Scott was her faculty mentor at Purdue University. She and Dr. Scott (pictured) attended the American Association of Colleges of Pharmacy Interim Meeting held in Rio Grande, PR, in February 2017.



Katy Trinkley (PharmD 2008), Assistant Professor of Clinical Pharmacy at the University of Colorado, has been awarded funding by the ASHP Research and

Education Foundation through the 2015-2016 Pharmacy Practice Advancement Demonstration Grant Program. The program supports demonstration projects related to practice advancement consistent with the ASHP/ASHP Foundation Practice Advancement Initiative (PAI) and Ambulatory PAI.

Eric Williams (PharmD 2003) was recently elected a partner in his law firm, Barnes & Thornburg LLP. He has been a patent attorney since 2009.

2010-Present

Tiffany Pon (PharmD 2011) married Steve Glocke on June 12, 2016, in Grass Valley, CA. Tiffany is Assistant



Professor of Clinical Pharmacy at UCSF School of Pharmacy, and Steve is an emergency medicine physician. The couple resides in Davis, CA.



Joe Weil (PharmD 2010) and his wife, Emily (BS 2009, Liberal Arts), welcomed Luke Alan into the world on February 14, 2017. Luke weighed 9 lbs

2.3 oz and measured 21". He joins his big brother, Graham (3). The proud grandparents are Kevin and **Cindy Weil** (BS 1979).

Michael West (PharmD 2014) shares that he is a volunteer pharmacist at Echo Community Clinics and a pharmacist with Walmart, both located in Evansville, IN.

IN MEMORIAM

Samuel W. Arnett (BS 1936, MS 1937)

George J. Cosmides (PhD 1956)

Kenneth D. Halferty (BS 1959)

Von E. Mason (BS 1960)

Jean R. Soucy (MS 1953, PhD 1955)

Brett A. Read (PharmD 2011)

Barbara Regan-Gardner (BS 1970)



The Purdue College of Pharmacy Wants to Hear From YOU!

Do you have family members who are also Purdue Pharmacy alumni? Perhaps your grandfather or aunt graced the Pharmacy hallways before you. Who all in your family received their degrees from the Purdue College of Pharmacy? We want to hear from our Purdue Pharmacy **family legacies!**

Or do you currently reside outside of the United States? What led you abroad? We also want to hear from our Purdue Pharmacy alumni who are **living globally!**

We are looking for story ideas for future editions of the magazine. If either of these descriptions apply to you, please email Amy Chandler, Editor of *The Purdue Pharmacist*, at chandler@purdue.edu to share your story for a chance to be featured in an article. Thanks, and Hail Purdue!



STAY CONNECTED!



Update your contact information and share your news for Class Notes at www.pharmacy.purdue.edu/forms/class-notes-submission-form.

To submit a photograph, please send the attachment to Amy Chandler, Editor, *The Purdue Pharmacist*, at chandler@purdue.edu.

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Like Purdue College of Pharmacy on Facebook at www.facebook.com



Follow us on Twitter @purduepharmacy at www.twitter.com

We invite your feedback on ways we can improve our programs at the College of Pharmacy. Please send your suggestions to pharm-alum@purdue.edu.

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HOMECOMING September 22-23, 2017

The Purdue College of Pharmacy invites you back to campus to celebrate Homecoming! Please join us in the tent located outside of the Heine Pharmacy Building on Friday evening for the Student & Alumni Chili Supper and on Saturday afternoon for our Tailgate. We will be celebrating the following Class Reunions: 1967, 1972, 1977, 1982, 1987, 1992, 1997, 2002, 2007, and 2012. We hope to see you in the fall!

www.pharmacy.purdue.edu/homecoming

