

# THE PURDUE PHARMACIST

Winter 2018 | Volume 93, Issue 2



**PURDUE**  
COLLEGE OF PHARMACY

## FROM THE DEAN



**G**reetings from the Purdue College of Pharmacy! It is a deep honor and privilege to begin my term as dean of this truly elite college of pharmacy. Over the past few months as I have spent time with faculty, staff, students, and alumni, the reputation and legacy of this college have been confirmed over and over. Without question, I affirm our commitment to move the College forward as a bold leader in pharmacy and the pharmaceutical sciences.

During these first few months, I've been reflecting on what it means to be a Purdue Boilermaker, asking, "What does the spirit of being a Purdue Boilermaker look like?" I visited several iconic statues around campus: John Purdue, Amelia Earhart,

Neil Armstrong, John Wooden, and the Boilermaker near Ross-Ade Stadium. In the lives of these historic Boilermakers, I see boldness, courage, innovation, wisdom, and perseverance. Ultimately, I have summed it up as having **grit, grace, and gratitude**. *Grit* is reflected in our commitment to hard work. A resilience to push on in the face of adversity. A boldness to tackle seemingly overwhelming challenges. *Grace* is seen in our humility. Our willingness to serve others and reflect a humble heart. *Gratitude* is demonstrated in our recognition of all that we have been given in life and a willingness to give back along the way. We are reminded of this each time we sing "Hail Purdue!" in the lyric "ever grateful, ever true." *Grit, grace, and gratitude*; this is the mind-set that I hope to build within our College—staying true to who we are as Purdue Boilermakers.

To guide us onward into the future, the College has begun a long-range Strategic Planning process to help us clearly define what our aspirations are and how we can achieve them. This process is focusing on six key strategic areas: academic programs, research and innovation, faculty and staff investments, alumni engagement, student success and experience, and innovations in pharmacy practice. Advancing these areas will allow us to fully realize our vision of being *bold leaders, moving together to the highest level of excellence in learning, discovery, and providing patient care*. I am excited about our future together!

Hail Purdue!

Eric L. Barker  
Dean & Professor



THE PURDUE PHARMACIST  
Volume 93, Issue 2 (Winter 2018)

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The *Purdue Pharmacist* is published biannually for alumni and friends of the College of Pharmacy at Purdue University. We welcome your comments, opinions, and questions.

Publication designed by Dawn Minns,  
Uppercase Design.

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# THE PURDUE PHARMACIST

Winter 2018



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# GETTING TO KNOW

## Dean Eric Barker



**Eric L. Barker was named Dean of the Purdue College of Pharmacy effective July 1, 2017. Dean Barker has served as Professor of Medicinal Chemistry and Molecular Pharmacology and previously held the appointment of Associate Dean for Research in the College 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.**

Eric grew up in Edwardsville, Illinois. Both of his parents were public school teachers, so teaching was in his blood. He was always interested in math, chemistry, and biology and became really interested in how small chemicals like drugs could influence the body. "My community had a local independent pharmacy that took care of us," says Eric. "The pharmacist, Gary Ceretto, was a real role model for patient-centered

care—way back in the 1970s before we even used that term. All of these things ultimately led me to apply to St. Louis College of Pharmacy."

While enrolled in pharmacy school, Eric worked at another local independent community pharmacy. "I used to go around and tear the package inserts off all the medication stock bottles to read about the drugs mechanism of action. This is really how my interest in pharmacology started." He had several faculty mentors who began to guide him toward graduate school, and by his fourth year in the program, he was fairly certain that he would continue on for a PhD in pharmacology. "I was very blessed to get into Vanderbilt's Department of Pharmacology which was and still is one of the very best in the nation," he says.

In 1997, Eric was finishing his postdoctoral research fellowship while researching academic positions. "Purdue College of Pharmacy had just begun hiring several new faculty members and was looking for someone in the neuropharmacology field. I was intrigued by the opportunity to be at a college of pharmacy that had both a strong commitment to research and to teaching pharmacy students. Research and pharmacy were my two passions." Eric interviewed in the spring of that year and was very fortunate to get an offer to become an assistant professor in Medicinal Chemistry and Molecular Pharmacology. "I remember our then Department Head Rick Borch calling me and saying, 'If you're still interested, we'd like you to join our faculty.' I was thrilled!"

Eric finds it hard to believe that it's been nearly 20 years since he joined the Purdue faculty. "Looking back, the most enjoyable thing clearly has been the people," he says. "What I've come to appreciate is the tremendously collegial environment that we have here. It's just not like this everywhere. People here really do work together to advance science and research as well as meet the needs of our students. Our students are really some of the very best at Purdue and that makes it fun, as well."

Eric's wife, Loretta, is also a pharmacist and works for St. Elizabeth Hospital. The two met in pharmacy school when they were working together in a St. Louis hospital pharmacy. The couple's daughter, Anna, is a junior at Purdue studying chemistry. Their son, Aaron, is a junior in high school and is a budding Purdue engineer. In his spare time, Eric enjoys golf at the West Lafayette Golf and Country Club, though he's not finding as much time for golf lately. "I've discovered that being a dean does not have a positive impact on your golf handicap!" Over the years, the family has been involved in various places in the community, particularly at First United Methodist Church in West Lafayette. "We've raised two children



(L to R) Loretta, Anna, Aaron, and Eric, with their 14-year-old Sheltie, Patch, in the background



in this community and it's really become home."

When asked what he is most looking forward to during this first year of deanship, Eric responds, "I hope that one of the advantages of being appointed from within the College is that I can hit the ground running. I know Purdue; I know the College and its people. I'm excited that we've already begun conversations about our facility needs, and we've launched the Strategic Planning process. This new Strategic Plan is going to really make it clear where we are going and how we are going to get there. That's exciting!"

**Why did you decide to seek the deanship appointment?** *Along the way I've been encouraged by key senior leaders like Dr. Borch and former deans Rutledge, Pezzuto, and Svensson. I really had no desire to get into academic administration when I joined the faculty in 1998. Throughout my time here at Purdue, I've been given opportunities to provide leadership in several areas and discovered that I do enjoy helping others be successful. Fundamentally, I believe that's the primary role of academic leaders: create environments where others (faculty, staff, and students) can be successful at the highest levels. About four years ago, I began to explore deanship opportunities elsewhere, but the bar was set by Purdue and none seemed to be the right fit. It is important to me to have a commitment to professional, undergraduate, and graduate education; a collaborative campus environment that is supportive of research in the pharmaceutical sciences; a link to an academic health sciences center (in our case, Indiana University and Eskenazi in Indianapolis); a faculty*

*and student body that are of the highest caliber; and a deeply loyal alumni who support the College in many ways. Purdue provides all of those qualities and represents a tremendous opportunity to contribute to moving the College forward. I couldn't be more honored and humbled to serve in this role.*

**Your vision for the College is to be "bold leaders, moving together to the highest level of excellence in teaching, discovery, and patient care." Please explain.** *Throughout the interview process, I tried to step back and view the College like someone from the outside. That's tough when you're an internal candidate. I spent countless hours thinking about this. As I reflected on our College, three words kept coming up: Bolder, Higher, Together. We needed to be challenged and enabled to think boldly to truly be bold leaders in the practice and science of pharmacy. To take risks and push the boundaries of clinical practice and discovery. Our vision should push us not just to the "next level" but toward the highest level of excellence and that we should not be satisfied or settle for anything less than the best. Purdue University is a top university internationally. Our College is a leading college of pharmacy, and we should be engaged in activities that reflect that status. In the end, we need to do it all together. We oftentimes talk about the Purdue Pharmacy family. This is a real and meaningful thing. We need to continue to focus on building community internally and externally. The reality is that we will accomplish far more than we can ever imagine when we work together.*

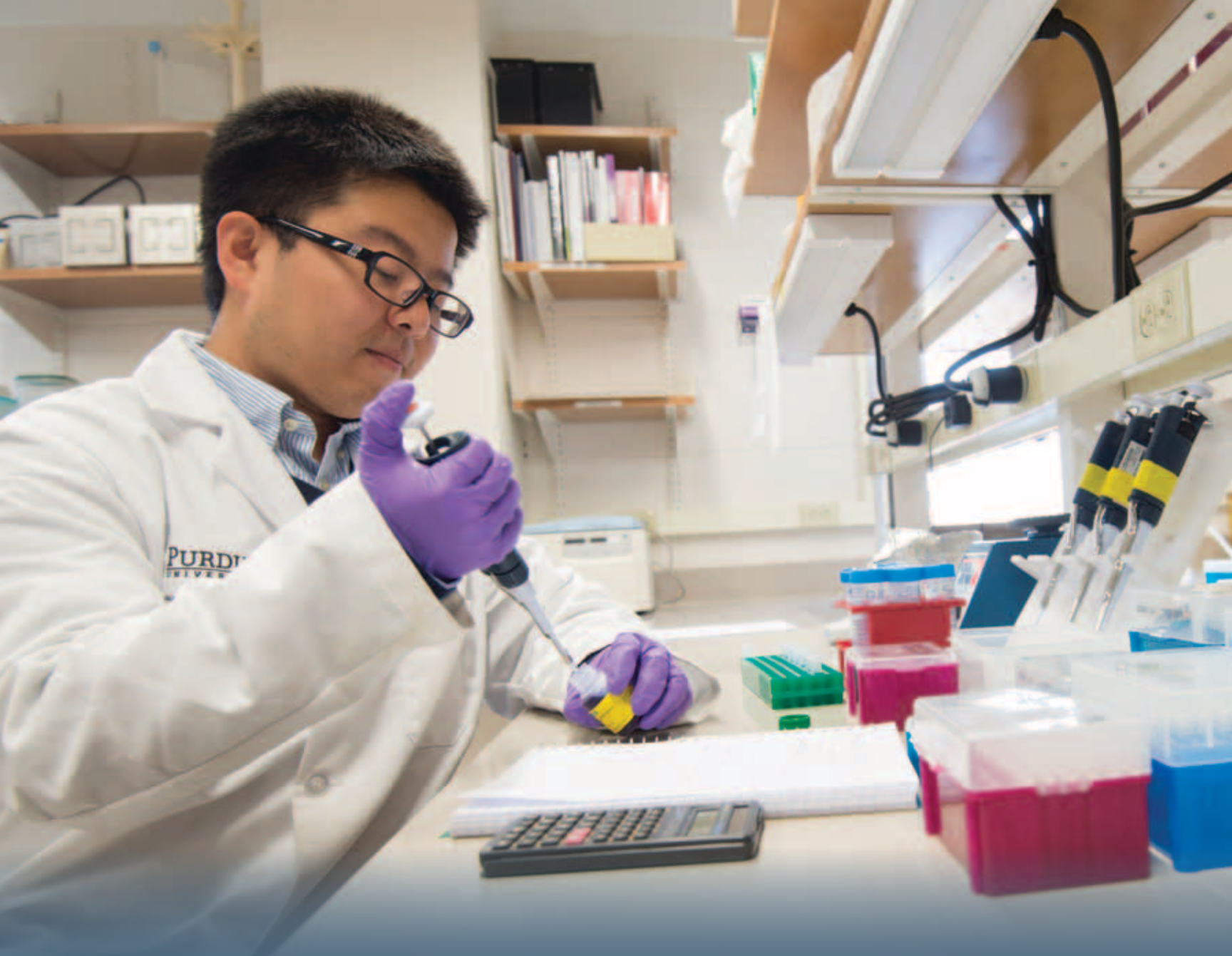
**What are the top three goals you plan to**

**accomplish during your tenure as dean?** *My goals are pretty straightforward. One, we need to be LEADERS. Internally and externally, the College must be viewed as leaders in the academy, in our scientific disciplines, and in clinical practice. We will invest heavily in being visible and vocal leaders in pharmacy and the pharmaceutical sciences.*

*Second, we must drive INNOVATION. Science and healthcare are rapidly changing. This means to stay ahead of the leading edge, we have to be agile and strategic. We have launched a Strategic Planning process that I am confident will provide us a roadmap for our future. Purdue is a place where innovations occur and the College must be at the center of this as it relates to our disciplines.*

*Lastly, we have to be great PARTNERS. We are a relatively small college on a very large campus. We simply can't do everything on our own. We rely heavily on external partnerships for the very best clinical experiences for our students, and we are so appreciative of our alumni and friends who help make these clinical partnerships happen. We know that we have to address our critical facility needs. Again, I believe this will happen through collaboration on campus to develop multi-disciplinary spaces for teaching and research. Looking back in five years or so, my goal is to be able to point to specific examples where we've been leaders, driven innovation, and developed key partnerships that help us achieve our vision and fulfill our mission.*





# THANK YOU!

## COLLEGE OF PHARMACY FISCAL 2017 GIFTS

Thank you for your support of the Purdue College of Pharmacy! Together we achieve a vision of being bold leaders moving to the highest level of excellence in teaching, discovery, and providing patient care. 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, 2016, through June 30, 2017, can be found online at [www.pharmacy.purdue.edu/donor-honor-roll](http://www.pharmacy.purdue.edu/donor-honor-roll).

Your support is critical to our continued success. 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 loyalty and generosity to the College.



For questions regarding the Donor Honor Roll, please contact Katie Skeel, Director of Development Operations and Donor Stewardship, at [kjskeel@prf.org](mailto:kjskeel@prf.org) or (765) 494-1370.

# Center for Medication Safety Advancement

There is a common misperception that all adventure or exploration is pure risk. While there is undoubtedly a strong undercurrent of risk in stepping out into the unknown, it can absolutely be managed. There is an inherent level of risk in all aspects of life. This is certainly no different in our chosen profession. These risks are the forces that push and pull against our beliefs in what we feel to be right and wrong about how to best provide patient care. But there is an equivalent if not stronger imposing force upon us that lies in complacency and the resistance to change.

As our namesake would suggest, the professionals here at CMSA are dedicated to safety. Every day we pursue our mission of making safe medication use common practice in all settings where medications are made, dispensed, or administered. One of the many ways we push forward is through careful exploration and discovery. Rather than taking risks with peoples' lives and the medications they rely upon, CMSA has been strengthening the ability to use data to identify when and where harm may occur before it does.

At the population level, we have continued to develop and refine our SafeRx database that contains all of the FDA's Adverse Event Reports (FAERS) since 2004. With over 5 million unique adverse events catalogued in this database, we have the ability to track and trend harm associated with various medications at a high level. While this does not solve the problem, it magnifies the issue and expedites the discovery of what may truly be leading to these events.

Another exceptional example of partnership here at Purdue University lies in our collaboration with the Regenstrief Center for Healthcare Engineering (RCHE). Dr. Dan Degnan leads this partnership for CMSA and works with the RCHE team on their Regenstrief National Center for Medical Device Informatics (REMEDl) program. REMEDI collects data from medical devices from over 100 hospitals across the country and enables participants in the program to draw comparisons based upon the data and correlated outcomes. This data can then lead to the identification of new safe use practices related to how we administer medications using medical devices.

These are just two quick examples of how CMSA is able to better understand risks associated with new medication use practices and help our peers apply them locally in their own systems. Exploration and discovery are certainly not without risk, but neither is a sense of complacency with the assumed inevitability of patient harm. We look forward to working with a growing number of partners in the coming year to help design these new safe practices.



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# 2017 DONOR RECOGNITION BRUNCH



The Purdue College of Pharmacy is ever grateful to our loyal donors for supporting our initiative to be a bold leader in pharmacy and the pharmaceutical sciences. On October 28, 2017, the College hosted our annual Donor Recognition Brunch at the Four Points by Sheraton in West Lafayette. The brunch provides us with the opportunity to thank our donors for their generosity and to allow them to visit with their scholarship recipients.

Guests were welcomed by emcees Shanice Brewer and Andrew Wakefield, both third professional year PharmD students and members of Phi Lambda Sigma. Jacob Tebbe served as this year's student speaker. Jacob, also a third professional year PharmD student, is President of the Industry Pharmacists Organization and the New Member Educator for the Phi Lambda Sigma Leadership society. Dean Eric Barker

presented a brief update about the College and Donald Barrick (BS 1976) served as our keynote speaker. Upon graduating from Purdue, Mr. Barrick began working for Merck and Company, Inc. In 2011, he retired from Merck after a successful 35-year career in industrial pharmacy. Currently, he is a consultant for Barrick Professional Services, LLC.







## THE OUTSTANDING EARLY CAREER AWARD

The Purdue College of Pharmacy recently established the **Outstanding Early Career Award** to recognize alumni who have graduated within the last ten years, and we are seeking nominations for our inaugural recipient. Successful candidates must show promise and innovation in his/her chosen business, profession, or field. He/she must be a person of such integrity and ability that the faculty, staff, students, and alumni of the College will take pride in and be inspired by his/her recognition. The candidate must also demonstrate service or a continuing interest to the College through volunteering, teaching, philanthropy, and/or precepting.

To nominate someone for this award, please visit [www.pharmacy.purdue.edu/early-career-award](http://www.pharmacy.purdue.edu/early-career-award) to download an application form. Nominations are due by September 15, 2018. Please direct questions to Dana Neary, Manager of Alumni Relations and Special Events, at [nearyd@purdue.edu](mailto:nearyd@purdue.edu) or (765) 494-2632.

"My wife and I give back because we love Purdue and the College of Pharmacy. I remember just how tough it was in pharmacy school. Contributions to the College allow students the time to pursue research, leadership, and/or community activities to broaden their learning experience and bolster their résumés. We want the graduates of tomorrow to maximize their experiences and opportunities while in pharmacy school and not be burdened by the financial stress of balancing work and studies. We hope to play a role in shaping the future leaders of our communities and our profession.

My Purdue Pharmacy education has enabled me to achieve some degree of life success, and giving back is a demonstration of my gratitude. It is important to me that the Purdue College of Pharmacy maintain its outstanding reputation. The gifts from donors help to attract and retain the best and brightest students and faculty and contribute to cutting edge research, technology, curriculum, and programs. I think all donors seek to continue the track record of the Purdue College of Pharmacy of graduating outstanding professionals and leaders."

==== DON BARRICK (BS 1976) ====



Don Barrick (left) and Jacob Tebbe (right)

"Your gift reminds us of the generosity and pride Purdue alumni and friends have for this great university. The Purdue Pharmacy alumni network, in particular, stands out as some of the most successful business and community leaders, and I couldn't be more proud to share the same top notch education. Purdue's pharmacy program continues to rank in the top 10 and graduates a strong group of Boilermaker pharmacists to move the world forward. This tradition of excellence could not be sustained without your help. Your generosity not only affords the education for many of the current students, but inspires and educates each class about the importance of giving back—creating a giving chain of prideful Boilermakers that continue to lift each other up. I'm sure you can remember the college lifestyle of ramen noodles, scavenging quarters for laundry, and attending that meeting or callout just for the free pizza. College can be a difficult time financially, and your support eases that burden and makes us feel less guilty about ordering that late night cheesy bread after studying therapeutics or studying the drink menu at Harry's. Thank you!"

==== JACOB TEBBE, SCHOLARSHIP RECIPIENT ====

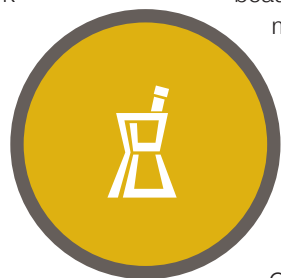
# ALUMNI SPOTLIGHT:

## Ryan Cohlhepp (PharmD 2000)



Ryan Cohlhepp (PharmD 2000) grew up in Indiana and became a Boilermaker fan as a young child because of a neighbor. He later made the decision to pursue Purdue Pharmacy because of its academic reputation. “Coming out of high school, I knew I had an interest in medicine and had considered ultimately pursuing medical school,” Ryan explains. “A couple of years into my pharmacy education, I really became drawn to the clinical pharmacology and therapeutics course work which moved my career thinking more classically within pharmacy career paths.”

Ryan recently joined a new start-up company that will be launched in 2018 by Third Rock Ventures, a leading healthcare venture firm, as Senior Vice President, R&D Strategy and Operations. Prior to moving into the biotech start-up space he was leading the U.S. commercial team for Takeda’s Oncology business unit in Cambridge, Massachusetts. Throughout his career he has been able to have roles in both R&D and commercial built on the foundation he laid while at Purdue. “I like the diversity of experiences and challenges that I encounter daily to bring new drugs to market, but also to ensure that healthcare practitioners and patients are educated and can receive our current therapies that are on the market,” he says. He has had the opportunity to



bring multiple Purdue Pharmacy students to Takeda to work as summer interns.

While a student, Ryan enjoyed being part of a major university, but also being part of the smaller cohort of PharmD classmates that created great bonds. “Being a pharmacy student isn’t an easy path—and there are definitely fewer trips to Harry’s—but I value all of that hard work every day because I am convinced it has enabled my current career. Beyond just the didactic education, one of the best things that I value to this day is that I learned how to learn as a pharmacy student, and that continues to help me.”

For nearly ten years, Ryan has served on the Dean’s Advisory Council for the College and enjoys returning to campus to speak with students. In 2017, PharmaVOICE recognized him as one of the 100 Most Inspiring People in Life Sciences and as a Change Agent in the industry. “This recognition means a lot because day to day sometimes feels like you are only taking baby steps and aren’t making progress as rapid as you would like,” he comments. “This recognition, though, provides a brief pause to reflect on some of the accomplishments we have made as a business and an industry.”

In his spare time, Ryan has competed in several triathlons, including three half-Ironmans, which he says is a great outlet for his competitive nature while keeping him focused on his health goals. In 2016, he climbed Mount Kilimanjaro as part of a fundraising effort for the Multiple Myeloma Foundation. “During the climb, our team of 15 had four individuals who were fighting myeloma. Having the experience to take in the beauty of Tanzania, climb the highest free standing mountain in the world, and do it with a group of people who were overcoming their diagnosis of cancer was a life changing experience.”

Ryan’s wife, Melissa, is a Purdue Pharmacy alumna and works per diem at the University of Massachusetts Medical Center as a clinical pharmacist. When asked how they met, he responds that he was a co-chair for an Old Masters Central Committee and one of his fellow committee members introduced them. “Melissa was one year behind me in the program, so we hadn’t yet met. She was definitely the more studious of the two of us, and luckily we were introduced because her study habits certainly helped me in my second professional year.” The couple lives in the suburbs of Boston with their three children: Tyler (11), Samantha (9), and Andrew (4).





# ELIZABETH YOUNG



## WASSON VETERINARY PHARMACY RESIDENT

*The Purdue University Colleges of Pharmacy and Veterinary Medicine are pleased to offer a Post-Graduate One Year (PGY1) residency in Veterinary Clinical Pharmacy Practice. The Wasson Veterinary Pharmacy Residency is made possible through the generosity of Gregory and Kimberly Wasson, both 1981 graduates of the Purdue College of Pharmacy. Dr. Elizabeth Young has been selected as the 2017-2018 Wasson Veterinary Pharmacy Resident and began her appointment on June 12, 2017.*

*The following press release was written on June 9, 2017, by Kevin Doerr, College of Veterinary Medicine, and is reprinted with permission. Learn more about the residency at <https://vet.purdue.edu/vth/pharmacy-residency.php>.*

### **New Named Pharmacy Residency Attracts Pharmacy Graduate to VTH**

As of Monday, June 12, the Veterinary Teaching Hospital (VTH) pharmacy will have a new person helping out as the Wasson Veterinary Pharmacy Resident. Elizabeth Young will be the VTH's third resident, but the first since the residency was named in honor of Purdue College of Pharmacy alumni and donors Greg and Kim Wasson, of Long Grove, Ill., who contributed funding for the residency.

The Wassons are no strangers to animal care and Purdue Veterinary Medicine. Kim owns a 25 horse stable and their daughter, Courtney Iverson, is a 2015 Purdue DVM graduate who is a veterinarian at Fox Valley Equine Practice in La Fox, Ill. Greg received the College of Pharmacy's Career Achievement Award last year, after retiring from Walgreen Company as president, chief executive officer and a member of its board of directors.

"The veterinary pharmacy residency program has been extremely successful as we continue to build bridges between the College of Veterinary Medicine and the College of Pharmacy," said VTH Pharmacy Director Wil Gwin. "Clinical contributions continue to grow, benefitting our patients and contributing to the education of tomorrow's veterinarians, veterinary technicians and pharmacists."

Elizabeth comes to Purdue from the Virginia Commonwealth University (VCU) School of Pharmacy, where, as a student pharmacist, she was able to take a veterinary pharmacy elective and complete a fourth-year rotation at the North Carolina State University College of Veterinary Medicine. Her interest in animals and veterinary medicine dates back to her childhood, growing up on a hobby farm in Christiansburg, Va. "On the family farm we had numerous pets, from exotics to large animals," Elizabeth explained. "So I have thus grown up being involved with animals and their care." Additionally, her father is a small animal veterinarian. "He encouraged me to come to his practice after school and help out wherever I could. This experience further cultivated my interest in working with animals."

Elizabeth said her desire to become a pharmacist developed when she observed how pharmacists interacted with her grandmother, who had been diagnosed with Alzheimer's. "When I started my undergraduate career at Virginia Tech, my mom convinced me to apply for a pharmacy technician position at Virginia-Maryland College of Veterinary Medicine, where I worked for two-and-a-half years." That experience opened her eyes to the possibility of having the best of both worlds by being a pharmacist and still working with animals and educating others about the world of veterinary pharmacy. "Looking back at my experience of working with my father, I remembered observing situations where he would call in a prescription to a pharmacy and the pharmacist would have questions about dosing in veterinary patients. I realized that I could have an opportunity to educate pharmacists as well as veterinarians who might not have had the didactic education that is needed for veterinary patient medications."

While completing her pharmacy degree program at VCU, Elizabeth's interest in veterinary pharmacy intensified as she interacted with friends and classmates after they learned of her intention to become a veterinary pharmacist. "Their questions about personal pets and medications that were prescribed further influenced me to continue my journey toward veterinary pharmacy. I came to the conclusion that my classmates and other pharmacists will need a resource to help with veterinary patients. This clinical veterinary pharmacy residency will provide numerous experiences that will expand my knowledge to become that resource."



# 2017 VARRO E. TYLER DISTINGUISHED LECTURESHIP

The Purdue College of Pharmacy, along with the Department of Pharmacy Practice and Mrs. Virginia Tyler, was pleased to present the Varro E. Tyler Distinguished Lectureship on November 1, 2017, at Purdue University. Dr. Julie Johnson gave her lecture entitled **“IMPROVING PATIENT OUTCOMES THROUGH PHARMACOGENETICS”**

Dr. Johnson is Dean of the University of Florida College of Pharmacy and Distinguished Professor of Pharmacy and Medicine. She is also Director of the UF Health Personalized Medicine Program. She received her BS in Pharmacy from The Ohio State University and her PharmD from The University of Texas at Austin and The UT Health Science Center at San Antonio. She completed a post-doctoral fellowship in cardiovascular pharmacology/pharmacokinetics at Ohio State. She is a board certified pharmacotherapy specialist (BCPS) with added qualifications in cardiology.

Dr. Johnson’s research focuses on cardiovascular pharmacogenomics and genomic medicine. She leads a hypertension pharmacogenomics research group, funded under the National Institutes of Health (NIH) Pharmacogenomics Research Network, and another NIH-funded group in genomic medicine implementation in the NIH IGNITE network. She is an internationally-recognized leader in cardiovascular pharmacogenomics and genomic medicine, with over 240 peer reviewed publications and more



**Julie A. Johnson**  
**PHARM.D.**  
**Dean and Distinguished Professor**  
College of Pharmacy  
University of Florida

than \$35 million in research funding as principal investigator.

She has served on the Nonprescription Drugs Advisory Committee of the Food and Drug Administration (FDA), the XNDA Study Section at NIH, and in numerous scientific capacities with NIH’s NHLBI. She has held leadership roles in the American College of Clinical Pharmacy (ACCP), the American Heart Association (AHA), the American Society of Clinical Pharmacology and Therapeutics (ASCPT), for which she became President in March 2016, among others. She is an elected Fellow of the ACCP and AHA.

Dr. Johnson was elected to the National Academy of Medicine (formerly Institute of Medicine) in 2014. She is the recipient of numerous awards including teaching awards from both the University of Tennessee (1996) and the University of Florida (2001); the William Oxley Thompson Award for early career achievement, The Ohio State University Alumni Association (1997); Leon I. Goldberg Young Investigator Award, ASCPT (2004); Paul Dawson Biotechnology Research Award, American Association of Colleges of Pharmacy (2007); Therapeutic Frontiers Award (2009) and Russell R. Miller Award for Contributions to the Literature (2010), both from ACCP; and the Southeastern Universities Research Association Distinguished Scientist Award (2015).



## 15TH ANNUAL GARNET E. PECK SYMPOSIUM

**Holiday Inn Lafayette - City Centre**  
**March 7, 2018**

TOPIC: *Pharmaceutical Manufacturing*

Co-chaired by

Dr. Elizabeth M. Topp, Professor of Industrial and Physical Pharmacy  
Dr. Qi (Tony) Zhou, Assistant Professor of Industrial and Physical Pharmacy

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 Anderson Lecture Fund.

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 are available online at [www.ipph.purdue.edu/peck](http://www.ipph.purdue.edu/peck).

# Warren Moore Receives Sperandio Award

Warren Moore (PharmD 2002) is the recipient of the 2017 Glen J. Sperandio Award for Advancement of Pharmacy Practice. Upon graduating from Purdue, Warren went to work for Wal-Mart Stores, Inc., in Indianapolis as a practicing pharmacist. After four years of practicing as a pharmacist, his career progression took him into management where he reached the highest level of field management, overseeing day to day operations of 700+ stores spanning 13 states. He currently serves as Divisional Senior Director II, Clinical Services and Specialty Pharmacy, where he is responsible for leading the growth of specialty pharmacy at retail by connecting and optimizing Walmart's store footprint with its specialty pharmacy operation in Orlando. His clinical services duties include creating tools that assist store associates in improving patient adherence while reducing the impact of DIR fees.

Over Warren's 15 year career, his honors include being selected as Regional/Divisional Community Pharmacist of the Year, Regional/Divisional Pharmacy District Manager of the Year, and the 2016 Health and Wellness Leadership Award recipient. He currently serves on the Purdue College of Pharmacy Dean's Advisory Council, and his term on the Purdue Athletic Director's Council ended in September 2017. Warren and his wife, Aneasha (PharmD 2002), have four daughters: Aerial Charece, Aubree LeeAnn, and twins Addison Janae and Arren Jenel.



*Warren Moore, joined by his wife, Aneasha, was presented the Sperandio Award by Dean Eric Barker on September 29, 2017*

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.



“Purdue University and the College of Pharmacy hold a significant place in my life, and to be recognized for your career achievement and impact to student development is extremely humbling. Anytime you are presented with such an honor, you reflect on your achievements, but quickly redirect and understand that there is work still to be done. I look forward to my continued partnership with the College of Pharmacy and its outstanding students that will help shape the future of our profession. Boiler Up! Hail Purdue!”

– WARREN MOORE



# 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.

## DIABETES

Greetings from your Office of Continuing Education and Professional Development. We wish you a very happy 2018! In January, we launched our **Diabetes Educator Program** (<https://diabetesce@purdue.edu>) in collaboration with Dr. Jasmine Gonzalvo, Clinical Associate Professor of Pharmacy Practice, whose research interests relate to cardiovascular conditions with a focus on diabetes and hyperlipidemia. The program highlights include:

- a target audience of dietitians, pharmacists, nurses/nurse practitioners, health educators, and social workers,
- topics that relate to diabetes and encompass areas such as women's health, physical activity, mental health, medications, and more,
- content format primarily consisting of pre-recorded webinars enabling learners to have access to the education anywhere and at any time,
- at least 15 hours of CE credit created annually to accommodate the diabetes educator requirement of 75 CE hours every five years.

Diabetes educators have become an important and needed addition to the healthcare team whose efforts are directed toward the improvement of the total care provided to the diabetic patient. Our diabetes educator continuing education program is varied by topic and clinical presenters to provide meaningful, timely, and challenging programming to mitigate practice gaps, resulting in improvement in patient outcomes. The significance of this is noted below with important statistics about diabetes from the American Diabetes Association:

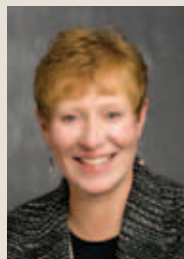
- In 2015, 30.3 million Americans, or 9.4% of the population, had diabetes.
- Approximately 1.25 million American children and adults have type 1 diabetes.
- Of the 30.2 million adults with diabetes, 23.0 million were diagnosed, and 7.2 million were undiagnosed.

- Of Americans age 65 and older, 25.2% or 12 million seniors have been diagnosed and/or undiagnosed.
- 1.5 million Americans are diagnosed with diabetes every year.
- In 2015, 84.1 million Americans age 18 and older had prediabetes.
- Diabetes was ranked the 7th leading cause of death in the U.S. in 2015.

Please visit <https://ce.pharmacy.purdue.edu> to learn about other available CE courses currently offered such as:

- The enduring/online portion of our **Opioid and Drug Use Disorder Program**, which has received rave reviews from those who have participated to date. We have 8 hours of CE that is multi-accredited for pharmacists, physicians, and nurses.
- A one-hour LEAN training overview specific to **medication safety** covering the areas of healthcare basics and a practical application of LEAN thinking.
- Our **BCNP Nuclear Pharmacy Recertification and BCNSP Nutrition Support Pharmacy Recertification CE Programs**, which just entered their third and second years of existence respectively. Both programs are made up of ACPE-accredited and BPS-approved content, which is available for these particular pharmacists. A minimum of 15 new CE hours are created and launched annually within each program.

As to the next new opportunity for CE—with the emphasis on **specialty pharmacy**—we will research possible content topics for developing applicable continuing education for programming in this arena. Stay tuned!



*Marlene*

**Marlene O. Heeg**

*Managing Director, Office of Continuing Education and Professional Development*  
(765) 494-1474  
mheeg@purdue.edu

# FACULTY & STAFF NEWS

## MEET OUR NEW FACULTY

The Purdue College of Pharmacy is pleased to introduce our new faculty who began teaching this academic year.

**DR. RONG HUANG**



**Associate Professor of Medicinal Chemistry and Molecular Pharmacology**  
Specialization: Drug Discovery, Medicinal Chemistry and Chemical Biology, Epigenetics

**DR. ANDY HUDMON**



**Associate Professor of Medicinal Chemistry and Molecular Pharmacology**  
Specialization: Biochemistry, Biophysics, Neurodegeneration

**DR. SEUNG-OE LIM**



**Assistant Professor of Medicinal Chemistry and Molecular Pharmacology**  
Specialization: Cancer, Immuno-oncology, Immunotherapy

**DR. SANDRO MATOSEVIC**



**Assistant Professor of Industrial and Physical Pharmacy**  
Specialization: Immunotherapy, Cell Therapy, Bio-Nanotechnology, Cryopreservation, Controlled Delivery, Biopharmaceutical Engineering

**DR. BENITA SJÖGREN**



**Assistant Professor of Medicinal Chemistry and Molecular Pharmacology**  
Specialization: G Protein Signaling, RGS Proteins, Proteasomal Degradation, Drug Discovery

**DR. ROBERT STAHELIN**



**Retter Professor of Pharmacy, Professor of Medicinal Chemistry and Molecular Pharmacology**  
Specialization: Biochemistry and Biophysics

**DR. YANG YANG**



**Assistant Professor of Medicinal Chemistry and Molecular Pharmacology**  
Specialization: Pharmacogenomics, Ion Channels, Induced Pluripotent Stem Cells (iPSCs), Neurological Diseases



# FACULTY & STAFF NEWS



**Dr. Mark Cushman**, Distinguished Professor of Medicinal Chemistry, has been awarded his 37th patent, this time for his work entitled,

“Alcohol-, diol-, and carbohydrate-substituted indenoisoquinolines as topoisomerase I inhibitors”. The patent covers a series of substituted indenoisoquinoline compounds for the treatment and prevention of cancer.



**Dr. Greg Knipp**, Associate Professor of Industrial and Physical Pharmacy, has been appointed Director of the Purdue Translational

Pharmacology Core Facility by the Bindley Bioscience Center. As Director, he will assist with experimental design and provide guidance to the core facility during this two-year appointment.



**Marie Martin-Murphy** has been appointed Director of Diversity Initiatives. In this role, she will provide leadership to the College’s recruit-

ment strategies for diverse faculty, staff, and students as well as guide initiatives aimed at strengthening the overall College culture around diversity, equity, and inclusion.



**Dr. Chiwook Park**, Associate Professor of Medicinal Chemistry and Molecular Pharmacology, is the recipient of the 2017 Richard and Anne

Borch Mid-Career Research Award in Medicinal Chemistry. The direction of Dr. Park’s research is to develop chemical chaperones to treat genetic diseases. Genetic diseases frequently occur due to destabilizing mutations in proteins.

Stabilization of these mutated proteins with small molecules (chemical chaperones) is a promising new therapeutic approach to treat genetic diseases. He aims to discover chemical chaperones to treat Rett syndrome, a genetic disorder in the neuronal system for which currently no cure is available. Rett syndrome occurs due to mutations in MeCP2, and many missense mutations have been identified in a methylated-DNA-binding domain (MBD). “We hypothesize that stabilization of MBD variants with chemical chaperones recovers the activity of MeCP2,” says Dr. Park. “We will evaluate the effect of known pathological mutations in MBD on the stability, folding, and DNA binding, and identify mutations that can be correctable by chemical chaperones.”



The American College of Clinical Pharmacy presented the 2017 Russell R. Miller Award to **Dr. James Tisdale**, Professor of Pharmacy Practice, at the ACCP

Annual Meeting held October 7-10, 2017, in Phoenix, AZ.



**Dr. Elizabeth Topp**, Professor of Industrial and Physical Pharmacy, is co-leading a consortium called LyoHUB, an industry-led partnership dedicated to advancing

the science and technology of lyophilization/freeze-drying. Read more at <https://pharmahub.org/groups/lyo>.



**Dr. Zhong-Yin Zhang**, the Robert C. and Charlotte P. Anderson Chair in Pharmacology and Distinguished Professor of Medicinal Chemistry, was named

Director of the Purdue Institute for Drug Discovery in August 2017.

## Purdue Pharmacy faculty and students elected to IPA and Academy Board

The Purdue College of Pharmacy is pleased to announce that our faculty and students have been selected to serve on the 2018 Indiana Pharmacists Alliance (IPA) and Academy Board. **Dr. Margie Snyder**, Associate Professor of Pharmacy Practice, has been elected an Indiana Academy of Community Pharmacists (IACP) Board Member-at-Large. **Dr. Nicole Olenik**, Clinical Assistant Professor of Pharmacy Practice, and **Dr. Zack Weber**, Clinical Associate Professor of Pharmacy Practice, have been elected as Indiana Academy of Non-Traditional Pharmacists (IANTP) Board Members-at-Large. The 2017-2018 IPA Student Executive Committee members include Purdue Pharmacy students **Pat Nelson** (chair) and **Anthony Giazzon**.



Giazzon



Nelson



Olenik



Snyder



Weber



# ADDRESSing Healthcare with iPads



(Purdue University photo/Andrew Hancock)

A quick, interactive checklist taken on an iPad could help pharmacists and patients better use their brief time together to detect and eliminate unpleasant expected adverse drug reactions, commonly known as side effects. **Dr. Matthew Murawski**, Associate Professor of Pharmacy Administration, has developed new technology to identify patients in need of an intervention to detect ongoing side effects. His copyrighted ADDRESS Application (**AD**verse **D**rug **R**eaction/**E**vent **S**creening **S**ystem), which can be used on a tablet PC or iPad, presents patients with a five-question checklist for each drug that catches up to 60% of all known medication-related side effects for each drug. Purdue Pharmacy students who are on Advanced Pharmacy Practice Experience (APPE) rotations in community pharmacy are now using the ADDRESS application. Learn more about the ADDRESS technology and how it is beneficial to both students and patients at [www.pharmacy.purdue.edu/addressing-healthcare-ipads](http://www.pharmacy.purdue.edu/addressing-healthcare-ipads).



## Farewell to the Editor



The Purdue College of Pharmacy regrets to share that **Amy Chandler** resigned as Communications Manager in November 2017. She joined the College in 1998 and worked for a few years on campus in the Pharmacy Advancement Office, having collaborated with former development directors Bruce Hufford and Chris Smith. In 2003, her family relocated to Pennsylvania where she

began working remotely as Editor of *The Purdue Pharmacist*. Amy has been instrumental in moving the College's communications and key messaging efforts forward. She will be applying her talents in her hometown as Associate Director of Advancement Communications for Lycoming College. She will be missed, and we wish her well in her future endeavors.

*"I consider Purdue Pharmacy to be my extended family and am extremely thankful to have had the opportunity to work for the College for 19+ years. Part of me leaves with a very heavy heart, but the other part is filled with excitement for a new challenge within my own community. I have thoroughly enjoyed getting to know our amazing alumni, students, faculty, and staff through the years and sharing your stories in the magazine, and I will miss our interactions. I am ever grateful for our time spent together and will remain Purdue proud!" – Amy Chandler*

It is with great pride that the Purdue College of Pharmacy recognizes Drs. Ashendel, Galinsky, and Geahlen for their years of dedicated service to Purdue University. Throughout their careers, each has educated thousands of pharmacists and pharmaceutical scientists and the College wishes them the best in their retirement.



### DR. CURTIS ASHENDEL

Dr. Ashendel joined the faculty in 1982 and retired as Associate Professor of Medicinal Chemistry and Molecular Pharmacology. His research specializes in biotechnology, systems biology, and computational biology. He is a recipient of a National Institutes of Health (National Cancer Institute) Research Career Development Award and has published approximately 90 articles and book chapters during his career. He received his BS in biochemistry from Michigan State University and his PhD in oncology from the University of Wisconsin-Madison, McArdle Laboratory for Cancer Research.



### DR. RAYMOND GALINSKY

Dr. Galinsky joined the faculty in 1995 and retired as Professor of Industrial and Physical Pharmacy. Prior to moving to West Lafayette, he began his academic career at the University of Utah College of Pharmacy, but Prof. Kinam Park recruited him to Purdue. He is a 2002 and 2014 recipient of the Purdue University Provost Seed for Success Award. He has published approximately 70 articles and book chapters and has served as a journal reviewer for several publications. He received his BA in biological sciences from the University of California, Berkeley, and his PharmD from the University of California, San Francisco.



### DR. ROBERT GEAHLEN

Dr. Geahlen joined the faculty in 1982 and retired as Distinguished Professor of Medicinal Chemistry and Molecular Pharmacology. He served as Associate Dean for Graduate Programs in the College and is a former Director of the Purdue University Life Sciences graduate program. He is the 2011 recipient of the JeanAnne and James B. Chaney Research and Scholarship Achievement Award, a 2012 Provost's Award for Outstanding Graduate Mentor from Purdue, and a 2013 Fellow of American Association for the Advancement of Science. He received his BS in chemistry and biology from Colorado State University-Pueblo, his PhD in biochemistry from the University of Wyoming, and completed a postdoctoral fellow at the University of Washington.

# FACULTY



**What first drew you to your interest in pharmacy? Why did you choose this career?**

**ASHENDEL:** The Medicinal Chemistry and Pharmacognosy Department within Purdue's College of Pharmacy, Nursing and Health Science (as each was known at that time) presented a good opportunity for establishing my research program in the area of molecular aspects of cancer causation.

**GALINSKY:** My parents were both healthcare professionals. My mother was an ICU nurse and my father was a community pharmacist. I began working in his drugstore at the age of 14. I wasn't too keen on running a business; however, I frequently worked with a recent pharmacy graduate and we talked often and at great length about the newer "clinical" aspects involved with being a pharmacist. This became of great interest to me.

**GEAHLEN:** I was interested in science from the time I was young. I thought chemistry was interesting since, with the right ingredients, you could build small explosive devices. I also liked biology and used to go out on the prairies of southern Colorado to collect rattlesnakes to sell to snake farms for making antivenom. So, I majored in both as an undergraduate and then combined these fields and obtained my PhD in biochemistry. There is nothing quite as satisfying as discovering something new that no one else in the world knows about.

**What are some of the biggest changes and advances in pharmacy education that you've seen during your tenure at Purdue?**

**ASHENDEL:** When I started, the fields of cancer research and biomedical research were transitioning from biochemical and genetic experimental methods and analytical models to an entirely new set of methods using molecular biology, and I was one of the early pioneers with this at Purdue. The biggest change, however, was when the human genome and genomes of many model organisms had been sequenced and numerous experimental methods and analytical models were developed to leverage that knowledge in new ways, what is now known as genomics.

**GALINSKY:** I became a pharmacist in 1975, completed an ASHP-certified PGY-1 residency, and also a research fellowship. One of the most significant advances in pharmacy practice has been the advent and the acceptance of national specialty board certification in pharmacy. The various board exams (i.e., nuclear, internal medicine, psychiatry, nutrition, oncology, etc.) are now the established benchmarks for qualifying pharmacists for advanced clinical practice in a variety of settings.

**GEAHLEN:** I have always taught very fundamental science classes like Biochemistry and Immunology to pharmacy students. When I started here, immunology was more of an afterthought and was just a small part of another course. Mostly due to the efforts of Marietta Harrison, it expanded over the years into its own stand-alone course. When Jerry McLaughlin retired, I moved from teaching Biochemistry to teaching Immunology. With this course and other newer courses like Pharmacogenomics, our students receive a sound foundation in the basic sciences that underpin the profession.

**What have been some of your greatest joys in working with students at Purdue during your tenure?**

**ASHENDEL:** My greatest joy has been working with colleagues and students who were passionate about maximizing scientific discovery and learning.

**GALINSKY:** Of great satisfaction to me is being asked to write a letter of reference for a student and then learning of their acceptance into their preferred program. I like to think that the students are standing on our shoulders as they pursue their careers.

**GEAHLEN:** I have particularly enjoyed working with graduate students. I have graduated 35 students from my lab and have served on a total of 189 graduate research advisory committees. That's a lot of oral prelims, advisory committee meetings, and dissertation defenses.

**What is it you anticipate missing the most after you retire?**

**ASHENDEL:** I will most miss the writing of multiple choice exam questions that involve 10 answer choices (ha ha—not really)!

**GALINSKY:** I will mostly miss the frequent, informal discussions about science (mostly medicine and therapeutics) with colleagues and students. It's great fun to share new information either from one's research or from the literature.

**GEAHLEN:** I will miss working with graduate students and other researchers in the lab, plotting and planning new experiments, establishing new collaborations and fully exploring existing ones with faculty, exploiting new areas of research suggested by our most recent data, writing manuscripts, and watching our newest faculty members develop their own research programs and grow the department.



## FACULTY RESEARCH SPOTLIGHT

# Dr. Tonglei Li

**Interim Head, Department of Industrial and Physical Pharmacy  
Allen Chao Chair & Professor of Industrial and Physical Pharmacy**



A 3D-printed Hirshfeld surface model of benzoic acid mapped with Fukui functions. The color spots characterize the local softness or polarizability of the molecule.

Dr. Tonglei Li holds a BS in Chemistry and an MS in Computational Chemistry from Nankai University in China, and an MS in Computer Science and PhD in Pharmaceutics from Purdue University. He joined the faculty of the University of Kentucky in 2002, and in 2012 he returned to West Lafayette to join the Purdue faculty as an endowed professor. He currently serves as Interim Head of the Department of Industrial and Physical Pharmacy.

Dr. Li became interested in science and particularly in chemistry during high school, always intrigued by the colorful and sometimes bubbling reactions by chemicals. It was while he was pursuing his chemistry degree in college that he got drawn into computer programming. “The opportunity presented itself when I got into the PhD program at Purdue to do computer simulation of drug delivery systems,” says Dr. Li. His current research specialization focuses on solid-state pharmaceutical materials, drug formulation, and *in vitro-in vivo* correlation of drug products. “I am fond of computer and computation. Since the first day I touched an Apple II in college, I have not stopped programming,” he says. “Although I cannot do much nowadays due to various commitments, I still find it thrilling to study a piece of code. So, my ambition with my current research is to predict chemical and biological processes with a computer, from crystallization to tablet disintegration to drug absorption and pharmacokinetics.”

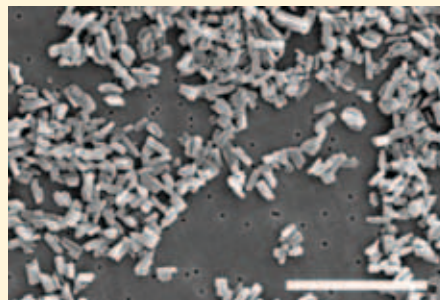
Dr. Li shares that it’s the opportunity to conduct science and learn new things that he enjoys most about working at the College. “People always say the more you know, the less you know. I find it is so true. Working with my colleagues and students opens up my eyes and lets me appreciate various intriguing phenomena in life sciences and chemistry. Every one of our world-class faculty has pursued for years to create his or her own cosmaverse in research, and it is a pure joy to know and learn from them on a daily basis, altogether with my dedicated students.”

### More About My Research

*We have been working on figuring out how molecules interact during crystallization and phase transition processes. As drug molecules need to be packed into a delivery form, such as tablet, and subsequently released in a biological milieu, how the drug molecules self-assemble and arrange themselves in the solid state will determine the absorption kinetics and eventual bioavailability. We have explored electron density-derived quantities calculated by first principles, as well as various analytical means, to characterize the locality and strength of intermolecular interactions in solid states and solutions, hoping to predict structural and kinetic evolution of molecular association. Our work might one day lead to the prediction of crystal structures of organic molecules.*

*We have also been developing nanocrystal-based drug products for treating cancer and other diseases. It remains difficult to deliver poorly soluble drug molecules. Some anticancer agents such as paclitaxel are so insoluble that administering them equals giving brick dust to a human. Our strategy is to produce high-quality single crystals of the drug with the particle size typically smaller than 200 nanometers from solution, which can be directly injected intravenously. Our animal tests showed better treatment efficacy with much reduced side effects. We are currently working on scaling-up methods for producing drug nanocrystals toward the industrial scale.*

*Recently, we have ventured into pharmacokinetic and pharmacodynamics modeling and simulation. While we have a pretty good handle on formulating and manufacturing a suitable dosage form for a therapeutic compound, we know so little about how such a product performs in humans. The deficiency in knowledge requires clinical trials, which suffer from high failure rates. Collaborating with Prof. Kinam Park and a few Purdue Biomedical Engineering faculty members, our lab attempts to develop multiscale simulation methods that, hopefully, can use the physicochemical properties measured in vitro of a drug product to predict its treatment outcome in vivo.*



*Paclitaxel nanocrystals that were produced from an ethanol/water solution. The size of the scale bar is 1 micrometer.*



*Development of a canine oncology PK/PD model with collaborators Profs. Park, Han, Pienaar, Umulis, and Kinzer-Ursem.*

# PRECEPTOR PERCEPTIONS



## Hannah Smith (PharmD 2014) Regional Faculty Coordinator — North Central Indiana

Hannah Smith was appointed as the Regional Faculty Coordinator for North Central Indiana for the Purdue College of Pharmacy in October 2017. In this capacity, she acts as a liaison between the College and experiential practice sites in the greater South Bend/North Central Indiana region. She will also develop new rotation sites for the area and conduct student roundtables for PharmD candidates taking part in their IPPE/APPE rotations. “Serving as a Regional Faculty Coordinator provides a spectacular way for me to give back to my profession, alma mater, and community. I am very grateful for the opportunity,” says Hannah.

Hannah is employed as a clinical pharmacist at Topeka Pharmacy in the rural town of Topeka, Indiana. She provides a variety of services for the underserved community including MTM/CMR and vaccinations. She enjoys collaborating with Topeka Pharmacy’s on-site RD/CDE in the Diabetes Education Clinic. Most recently, she’s been coordinating the newly-established Topeka Pharmacy/Purdue University PGY1 Community Pharmacy Practice Residency. She serves her community as a pharmacy consultant for the LaGrange County Drug Court team. Hannah also enjoys working in the anticoagulation and heart failure clinics at Elkhart General Hospital on a PRN basis.

**What are you most looking forward to in your role as Regional Faculty Coordinator?** *The RFC role will provide ample opportunities to network with pharmacists in my community and positively influence future generations of pharmacy students. As a P4 pharmacy candidate, I was fortunate to serve on the Experiential Learning Advisory Committee as a student representative. Through that position, I saw my classmates enjoy the hands-on, dynamic learning experiences provided*

*during rotations. I saw them discover their passion and forge on to pursue that passion after graduation. I can’t wait to work with our preceptors and students to facilitate stellar rotations so our pharmacy students may continue to learn, grow, succeed, and accomplish their dreams! In full disclosure—any excuse to get back to Purdue is always a motivating factor! Boiler Up!*

**How do you involve students in your rotation to advance patient care services?** *At Topeka Pharmacy, I am fortunate to work in a dynamic, progressive environment that excitedly supports new patient care services for our underserved community. I aim to evoke passion for advancing pharmacy practice by allowing our students to participate in every aspect of patient care, from management, to the bench, to the provision of clinical services. We hold our students accountable for forming their own trusting relationships with patients and physicians, thereby experiencing the fulfillment of improving patient outcomes through collaborative care. We hope to illustrate that initiating new patient care services in community pharmacy is a realistic and achievable goal!*

**What’s the most important advice you can give students entering practice?** *Treat every rotation like a month-long interview. Find ways to give-back to the site. Imagine you desperately want a job there, and work every day like you’re earning it. Prioritize forming lasting relationships with your preceptors. This will pay dividends when you need job opportunities, letters of recommendation, or a gateway to a new opportunity. Remember, pharmacy is a very small world. The network you build during rotations can help propel you to success; work hard to build it!*



# SIXTY SECONDS

With a Graduate Student



## Pragy Mishra

**B. Pharmacy, Honors (2008), Birla Institute of Technology & Science, Pilani, India**

**M.S. Pharmacy Practice (2014), Purdue University**

**Doctoral Student, Pharmacy Practice, Purdue University**

**Hometown:** New Delhi, India

**Major Professor:** Dr. Joseph Thomas III

**Anticipated Graduation Year:** 2018

**Research Interests:** Health Economics, Outcomes Research, Large Database analysis, Health Inequity, Provide-Patient-Health System interactions

**Awards & Honors:** Gold Medal for Best B. Pharmacy student from BITS Pilani; Kienly Award for Outstanding Graduate Teaching, Purdue College of Pharmacy

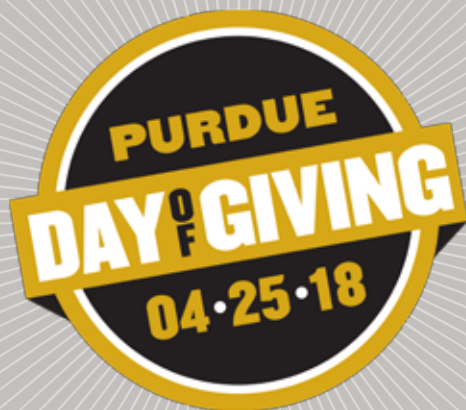
**Internships:** GlaxoSmithKline

**Post-graduation plans:** Industry

**Hobbies:** Reading obsessively and music (piano)

**Why did you choose Purdue?** *Purdue was an aspirational school for many of us in the engineering/pharmacy school I went to in India. I knew several alumni who had had very rewarding experiences here. And it also has the oldest Pharmacy Administration program in the country, which speaks to its pedigree. As someone with specific interests in Health Economics, that appealed to me. Also, I was very keen on working with Dr. Thomas.*

**“Graduate school in general can be a frustrating, challenging, time-consuming experience, however Purdue also makes it rewarding and even fun. I am not sure where I read this, but I think it was Neil Gaiman who, when giving advice to aspiring writers, said that, ‘To be a good writer you have to want to write. Too many people want to have written.’ This quote has always stuck with me because I feel like it applies to research, too. To be able to do research, you have to enjoy doing research, and not just look to the outcomes of that research. And I think Purdue has played a huge role in making that happen. Also, I would like to end this bit with a fun quote from my favorite writer, Sir Terry Pratchett, ‘What is a university for if it isn’t to tell you that everything you think you know is wrong?’”**



Each year we are humbled by the generosity of our alumni, faculty, students, and friends. Over the past four years, the Purdue Pharmacy Family has come together on a single day in April to give back and grant opportunities. Mark your calendars now for the **5th annual Purdue Day of Giving** on Wednesday, April 25, 2018. Let’s make this year’s Purdue Day of Giving the best yet!

[HTTPS://PURDUEDAYOFGIVING.COM](https://purduedayofgiving.com)

**PURDUE**  
UNIVERSITY



**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. Make a profound impact at Purdue University by partnering with the College of Pharmacy. Through Ever True: Campaign for Purdue University, the College seeks to attract outstanding prospective students and reduce their debt, recruit and retain the best faculty, and plan for the future through various giving opportunities which will enable us to further our mission. Make a gift, and make a difference!

Make a gift at **Giving.**  
**Purdue.edu/GivetoRx.**

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*We have had an outstanding 2017! In my role, I have the honor and privilege of seeing the impact your generosity can have on our students, programs, and the College. It is because of you that we had a record-setting year in scholarship money awarded, worked on the cutting-edge of drug discovery and development, and continued to be ranked a top 10 college of pharmacy in the nation. As we move forward into 2018, I cannot help but wonder what more can we do for our College?*

*When I think of how we can help the College be “Bolder, Higher, Together,” I think of YOU. Great things happen when our Purdue Pharmacy Family comes together. We have some of the most loyal donors at Purdue, but we have much room to grow. The College is continuously working hard at increasing our “participation rate” – the percent of alumni who give back annually. Participation rates are among one of the top factors foundations consider when responding to grant requests. Please consider helping launch a future pharmacist’s or pharmaceutical scientist’s career by renewing your annual gift TODAY. Your contribution, no matter how big or small, makes a difference. Our future is bright, and I hope that you will continue to be a part of it.*

*I hope that the next time you are on campus you will stop by the Advancement Office and say hello! We always enjoy catching up with you and thanking you personally for your generosity.*

*Ever Grateful!*



*Katie*

**Katie Skeel**  
*Director of Development  
Operations & Donor Stewardship  
(765) 494-1370  
kjskeel@prf.org*

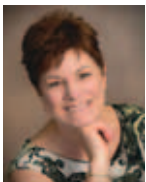


# WHITE COAT CEREMONY

The Purdue College of Pharmacy welcomed the Class of 2021 to the pharmacy family on September 10, 2017, in the Loeb Theatre. Over one thousand people gathered on

campus to celebrate as faculty assisted the class with donning their white coats. The College extends its appreciation to Kroger Company and Pay Less Super Markets for sponsoring this memorable event, and to Greg Fox, Pharmacy Merchandiser for Kroger Company, for making remarks during the ceremony. The ceremony concluded with students reciting the “Oath of a Pharmacist,” and a reception followed in the Purdue Memorial Union.

## Judith Jacobi (BS 1979), Keynote Speaker



The College was honored to have Judith Jacobi serve as the keynote speaker at the White Coat Ceremony. Dr. Jacobi is part of the Multi-professional ICU team as a Critical Care Pharmacy Specialist at Indiana University Health Methodist Hospital. While her primary role is as a clinician, she remains active in many other aspects of pharmacy and critical care education, research, and service. She is Board Certified in Pharmacotherapy and Critical Care. She is Program Director of an ASHP-accredited Critical Care Pharmacy Residency and has trained 26 residents, along with numerous Doctor of Pharmacy students, as Affiliate Faculty for Purdue University and Butler University.

Dr. Jacobi is a long-term member, Fellow, and Past-President of the American College of Clinical Pharmacy. She is also a Master Fellow and Past-President of the Society of Critical Care Medicine (the first pharmacist to serve in that role, and the second non-physician) and was a founding member of the Clinical Pharmacy and Pharmacology Section. She trained as a pharmacist at Purdue University and received her Doctor of Pharmacy degree from the University of Minnesota and was one of the first critical care pharmacy residents trained at The Ohio State University. She was named a Distinguished Alumna of the Purdue College of Pharmacy and received the Glen J. Sperandio Award for the Advancement of Pharmacy.



(L to R) The Sorgen Family—Patrick, Breanne, Joshua, Marti, and Brooke—at the 2017 White Coat Ceremony

## THE SORGEN FAMILY LEGACY

*The Sorgen family is no stranger to the Purdue College of Pharmacy. Joshua Sorgen, a class of 2021 student, was presented with his white coat during the ceremony held on September 10. Afterward, he was joined by his older siblings, Brooke Sorgen Crawford (PharmD 2005), twins Patrick Sorgen (PharmD 2013) and Breanne Sorgen Fleming (PharmD 2013), and their mother, Marti Gross Sorgen (BS 1983). “Seeing all of the amazing opportunities a Purdue Pharmacy degree provided for my family made my decision to attend Purdue an easy one,” comments Joshua. “Finding my place in the Purdue Pharmacy family these past two years has been incredibly rewarding, and only further validated my decision.”*







Greetings from Ole Purdue!

The Purdue College of Pharmacy has had an outstanding 2017! We hosted over **5,500** alumni, students, faculty, staff, and friends of the College at **57** events in 2017. As we transition into 2018, we hope to reach even more of our alumni and friends!

These are exciting times for the College. There is something happening almost daily within the Purdue Pharmacy Family. Please keep up with us! Check out the College's website at [www.pharmacy.purdue.edu](http://www.pharmacy.purdue.edu). Make sure you are receiving the *Mortar & Pestle* electronic newsletter. Also, please join us on our Pharmacy Alumni LinkedIn, Facebook, Instagram, and Twitter pages.

The College is always looking to keep track of our alumni and their careers. Please review the following pages that list the alumni with whom we've lost contact. If you can help us find these alumni, we would greatly appreciate it. We want all our alumni to be connected with the College!

**#BolderHigherTogether**

Pride, Passion, Pharmacy, Purdue!

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



(L to R) Aimee Hepperlen, Peg Hepperlen (BS 1958, Science), Jane Boggs (BS 1959), and Dana Neary; Kappa Kappa Gamma sorority sisters Jane and Peg, along with Peg's granddaughter Aimee, enjoyed attending homecoming together and visiting with Dana during the Pharmacy Tailgate

### 2018 Pharmacy Events Calendar

DATE	EVENT
March 17	APhA Alumni and Friends Reception Nashville, TN, Time TBA
April 6	Distinguished Alumni Awards Luncheon - Noon
April 12	Pharmacy Women for Purdue Networking Session - 7 p.m. to 9 p.m.
April 13	Pharmacy Women for Purdue Conference - 8 a.m. to 4 p.m.
April 25	Purdue Day of Giving
April 27	Graduation Banquet
April 28	BSPS Graduation Dinner
May 12	Pharmacy Commencement
June 1	22nd Annual BoileRx Golf Classic Birck Boilermaker Golf Complex
July	AACP Alumni and Friends Reception Boston, MA, Date & Time TBA

**For more information about upcoming events, please visit**  
[www.pharmacy.purdue.edu/events](http://www.pharmacy.purdue.edu/events).



# LOST PHARMACY ALUMNI

**The Purdue College of Pharmacy has “lost” the following alumni, meaning we no longer have active contact information or a home address on record for them. If you have been coded incorrectly, please let us know. If you know the whereabouts of someone listed below, please encourage them to update their information with us or contact Dana Neary, Manager of Alumni Relations and Special Events, at [nearyd@purdue.edu](mailto:nearyd@purdue.edu) or (765) 494-2632. Thank you for your assistance. We hope all of you will continue to stay in touch with the Purdue Pharmacy family!**

## 1940-1949

Betty J. Adams (BS 1949)  
Ravindra G. Baxi (MS 1949)  
Marilyn J. Bywater (BS 1948)  
Michael J. Callahan (BS 1949)  
Yuen Fu Cheng (MS 1946)  
Edwin W. Dierdorf (BS 1947)  
Teh Tsuan Feng (MS 1949)  
Hubert Mack Hill (PhD 1947)  
William D. Jones (PhD 1948)  
Mary Y. S. King (MS 1947)  
Lila E. Lanham (BS 1946)  
Elizabeth J. Larson (BS 1948)  
Florence E. Mundy (BS 1942)  
Jaime J. Perozo (BS 1947)  
Rue C. Shu (MS 1949)  
Chi T. Wang (PhD 1949)  
Bette I. Warren (BS 1947)

## 1950-1959

John D. Barton (BS 1957)  
Pierre E. Bourely (MS 1954)  
Gloria Bracho (MS 1950)  
Marian McCurdy Carlin (BS 1953)  
James D. Conn (BS 1956)  
Herbert C. Cook (BS 1952)  
R. Jack Cunningham (BS 1956)  
Robert Christian Garbers (BS 1955)  
Estelita N. Garcia (MS 1955)  
J. Allan Gill (BS 1958)  
Bedrodeen Hassan (BS 1955)  
Phyllis R. Hedwall (BS 1958)  
Thomas W. Hogan (BS 1956)  
Marjorie V. Horne (BS 1955)

Harsh L. Island (BS 1956)  
Robert D. Jackson (BS 1956)  
Richard L. Jones (BS 1950)  
James R. Kilpatrick (BS 1952)  
Douglas A. Klybert (BS 1956)  
Charles T. Lesshafft, Jr. (MS 1953, PhD 1955)  
Walter Lorence, Jr. (BS 1955)  
Lee F. Lucterhand (BS 1957)  
John F. Martin (BS 1956)  
Neil H. Mercer (BS 1955)  
James Emanuel Moore (BS 1959)  
Robert E. Myers (BS 1954)  
Jonathan G. Njoroge (MS 1955)  
William B. Northrup (BS 1950)  
Rambhai N. Patel (MS 1952)  
Luciano E. Pennati (MS 1956)  
Pedro Penzini (BS 1957)  
Lois J. Pinckley (BS 1951)  
Robert T. Powell (BS 1950)  
Tom R. Rogers (BS 1957)  
L. James Rouhselang (BS 1955)  
Berhe Seyum (BS 1958)  
Amrutlal M. Shah (MS 1955)  
Carl Edward Smith (BS 1958)  
Harry A. Smith (MS 1956, PhD 1959)  
Robert E. Smith (BS 1951)  
Maria A. Spiridon (BS 1954)  
Hazim M. Tahir (MS 1954)  
Koen T. Tan (MS 1958)  
Michiko Tsuchiya (MS 1957)  
Yozo Uchimura (MS 1958)  
Martha E. VanEman (BS 1957)  
Ramsey Wasfey (MS 1955)  
Helen L. Wyer (BS 1954)

## 1960-1969

Ammishaddai Asamoa Asiedu (BS 1960)  
Pierre Boucher (MS 1965)  
Larry A. Cooper (BS 1965)  
David L. Cordill (BS 1963)  
James J. DeKorse (BS 1961)  
Richard D. Denbo (MS 1969)  
Ruth L. Earle (BS 1969)  
Taghi Ghafghazi (MS 1968, PhD 1973)  
Gilles A. Girard (MS 1965)  
Joseph S. Goldberg (BS 1966)  
Allan M. Goodeve (PhD 1960)  
Robert Gordon (MS 1962)  
Abdul Mohammed A. Hassanally (MS 1962)  
Lonnell E. Johnson (BS 1965)  
Edmund J. Kalin (BS 1966)  
Said A. Khalil (MS 1966)  
Harold L. Koekenberg (BS 1961, MS 1971)  
Andre M. LaMonde (MS 1963, PhD 1965)  
Tsung-Jen Lin (MS 1968, PhD 1973)  
Miss Nancy D. Major (BS 1967)  
Judith I. Martinez (BS 1966)  
Thomas K. Maycunich (BS 1966)  
Adrienne A. Meyer (BS 1967)  
Richard D. Mumaw (BS 1963)  
Michael A. Myers (BS 1969)  
Sunalinee Nikrothanonta (PhD 1969)  
Jacques Paiement (MS 1965, PhD 1968)  
Jerry G. Potts (BS 1960)  
John A. Reed (BS 1967)  
Kenneth P. Reeves (BS 1967)  
Roman L. Salvador (PhD 1960)  
Ceferino Sanchez-Jorquera (PhD 1966)  
Kakkadan N. Shivadas (MS 1963)

Tor J. Skobba (MS 1967)  
Kenneth P. Stremming (BS 1965)  
Miss Malda Svechs (BS 1964)  
Michael L. Taylor (BS 1963, MS 1965, PhD 1967)  
Linda L. Varner (BS 1961)  
Stewart Wong (PhD 1964)  
Charles W. Zalinski (BS 1962)

## 1970-1979

Daniel A. Beyer (BS 1972)  
Maureen M. Boyd (MS 1970)  
Mary Katherine Brock (BS 1975)  
Ricky D. Burch (BS 1974)  
Jill S. Burk (MS 1974)  
Christi A. Clore (BS 1978)  
James N. Cook (BS 1972)  
Siriphan Eamrungraj (MS 1978)  
Carol A. Ellis (BS 1975)  
Rachel Mata Espindola (MS 1976, PhD 1979)  
Mario A. Esposito-Avella (MS 1972, PhD 1974)  
Robert F. Everline (BS 1971)  
Susan E. Fellers (BS 1977)  
Wing-Pun Fung (MS 1971, PhD 1974)  
Patrick T.W. Gallivan (BS 1970)  
Jilda Louise Greco (BS 1971)  
Dwight T. Hart (MS 1972)  
Donald C. Hartman (BS 1974)  
Charles D. Heuser (BS 1979)  
Mohammed Jemal (PhD 1976)  
James H. Knueven (BS 1976)  
James B. Ksenak (BS 1977)  
Geoffrey A. Lee (BS 1977)  
Mei-Yueh Lin (MS 1972)  
Karin C. Liu (MS 1972)  
Ruth Ann Nichols (MS 1971, PhD 1972)  
Vicki Lynn Noland (BS 1977)  
Mary Darlene O'Donnell (BS 1973)  
Chalermis Pummangura (MS 1974)  
Sunibhond Pummangura (MS 1976, PhD 1981)  
Floyd Daniel Roark (BS 1971)  
David L. Routsong (BS 1972)  
Linda S. Straus (PhD 1978)  
Stephen R. VanEss (MS 1977)  
Luis A. Velez-Juarbe (PhD 1977)  
Janice M. Williams (BS 1976, PharmD 1978)  
John D. Williams (BS 1974)  
Angela Hedwig Wojslaw (PharmD 1979)  
M. Diane Zuckerman (BS 1972)

## 1980-1989

Mohammed M. Alharbi (MS 1983, PhD 1987)  
Walter M. Barden, III (BS & PharmD 1983)  
Glenda R. Bell (BS 1987)  
Aixa M. Berrios-Perez (MS 1988)  
Dean V. Carlson (PhD 1987)  
Whi-Gun Chae (PhD 1989)  
Benito David Couriel (PhD 1980)  
Mark E. Dodge (BS 1985)  
Michael D. Edwards (BS 1987)  
Lori A. Eikenberry (BS 1986)  
Jill Bavender Fry (BS 1984)  
Maria Teresa Garcia (BS 1982)  
Deborah A. Hahn (PharmD 1980)  
Jeff Hatfield (BS 1981)  
Phillip A. Hedges (BS 1986)

Ebere Francisca Igboke Ekpunobi (MS 1989, PhD 1992)  
Ralph Johnson (BS 1983)  
Rhonda S. Koehl (BS 1988)  
Joyce A. Koren (MS 1983)  
Jung J. Lee (PhD 1984)  
Nadine R. Lindley (BS 1986)  
Claudio M. Lopez (BS 1983)  
John D. Love (BS 1982)  
Jeff Dale McGlone (BS 1984)  
David Wayne Merrifield (BS 1982)  
Steven Lee Metz (BS 1980)  
Rita Carrie Milewski (BS 1980)  
Olga Iris Morales (BS 1982)  
Elaine Witte Morefield (BS 1980, PhD 1984)  
Milind M. Narurkar (PhD 1988)  
Lori A. Nesbitt (BS 1989, PharmD 1990)  
David Sheung-Shun Ng (MS 1981, PhD 1983)  
Esmail M. Niaz (MS 1980)  
Ghada R. Noueiri (PharmD 1987)  
Aileen Ocasio-Alvarez (PhD 1988)  
Mauricio R. Odio-Yglesias (MS 1980, PhD 1983)  
Carol E. Pasini (BS 1981)  
Roseann Marie Rhoda (BS 1987)  
M M Salazar-Gutierrez (PhD 1985)  
William J. Sievert (BS 1987, PharmD 1988)  
Beth L. Tanner (BS 1983)  
Elizabeth A. Tesdahl (BS 1985)  
Emeka O. Ume (PharmD 1985)  
Razieh Yazdanparast (PhD 1986)

## 1990-1999

Douglas D. Anderson (BS 1996)  
Kitte A. Bacon (BS 1990)  
Heather A. Barnett (BS 1998)  
Amy S. Beebe (BS 1999)  
Qiuna Bi (MS 1996)  
Miss Diana K. Brown (BS 1994)  
Diana M. Caparelli (BS 1998)  
Gerald T. Carlson (BS 1990)  
Catherine H. Chien (BS 1992)  
Hee-Sung Choi (PhD 1992)  
Michelle Anne Chui (MS 1998, PhD 2001)  
Miss Angela R. Colin (BS 1999)  
Miss Sherry L. Deckman (BS 1993)  
Jennifer L. Dossett (BS 1998)  
Huey-Li Fan (BS 1996)  
Tara L. Feldhaus (BS 1994)  
Jean A. Fleurimont (BS 1995)  
Leigh A. Foster (BS 1998, PharmD 1999)  
Lori Ann Fritts (BS 1991)  
Lynn M. Gerecke (BS 1992)  
Miss Katharine M. Graf (BS 1998)  
Dorothea A. Griffiths (PhD 1991)  
Judith Kay Grimes (PharmD 1995)  
Yoon J. Ham (BS 1998)  
Sandra M. Hayes (BS 1994)  
Lih-Min Her (PhD 1994)  
Robert C. Hite (BS 1997)  
Angela D. Hobson (BS 1990, PharmD 1996)  
Julia M. Hoek (BS 1995)  
Traci L. Holling (BS 1991)  
Shelby L. Jackson (BS 1995)  
Terri K. Jackson (BS 1994)  
Lakhu M. Keshvara (PhD 1998)  
Thomas J. Klem (PhD 1996)  
Miss Gretchen M. Knepp (BS 1996)  
Hudson Lau (PhD 1991)

Eung-Seok Lee (PhD 1992)  
Phuriwat Leesawat (PhD 1999)  
Pauline Leung (PharmD 1997)  
Yuping Li (PhD 1995)  
Wenwen Ma (PhD 1991)  
Thomas A. MacLean (BS 1996)  
John M. Martin (BS 1998, PharmD 1999)  
Megan C. McGill (BS 1997, PharmD 1998)  
Susanne Nicole McMillan (BS 1995)  
S. S. Meera (MS 1991)  
Eskender G. Mengesha (BS 1992)  
Robyn G. Midwinter (MS 1997)  
Cynthia L. Mijocevic (BS 1999)  
Fatmah Shiva Morshed (BS 1992)  
Kenneth R. Pearson (BS 1995)  
Craig Lawrence Pecsenye (BS 1992)  
Miss Alexandra Psomadelis (BS 1996)  
Tiffany Ann Quелlette (BS 1998, PharmD 1999)  
Satish Reddy (MS 1991)  
Dong-Mi Rhee (PhD 1994)  
Matthew J. Rieser (PhD 1993)  
Miss Hollie D. Robinson (BS 1994)  
Lingling Rogers (PhD 1998)  
Tracey L. Rogers (PhD 1997)  
Phylis June Rutowski (BS 1998, PharmD 1999)  
Rhonda Denise Schoonover (BS 1999)  
Lydia G. Shadid (BS 1998)  
Abdul-Wahab H. Shararah (PharmD 1998)  
Hiroko Shimada (PhD 1998)  
Fifiliawati Sjahfiedin (BS 1999)  
Linda Song (BS 1999)  
PeiWen Sun (PhD 1996)  
Elizabeth Talis-Rosenberg (BS 1996)  
Melissa N. Toon (BS 1995)  
Anhtrinh N. Trandai (BS 1994)  
Kenneth J. White (BS 1998)  
Jon J. Wong (BS 1992)  
Hasik Youn (PhD 1997)  
Dina M. Wael R. Zalatimo (BS 1990)

**2000-2009**  
Sherine Mohamed Abd-El-Mawla (PhD 2007)  
Shahista Aboo (BS 2001)  
Abdulaziz Hamad Al Saggabi (PharmD 2000)  
Rabihah H. Alatham (BS 2002)  
Mahmoud A Ammar (PharmD 2008)  
Julie Beth Armstrong (PharmD 2002)  
Eric B. Asare (BS 2003)  
Ashleigh-Anne Tran Au (PharmD 2004)  
Jason D Barnes (PharmD 2006)  
Lerin Chanda Becton (PharmD 2002)  
Andrea J. Benninghoff (PharmD 2002)  
Jankhana Bhagwakar (PharmD 2009)  
Usman Bhatti (PharmD 2006)  
Jerrold Paul Blocher (PharmD 2007)  
Pooja Boinpally (PharmD 2008)  
Gregory A. Briggs (BS 2003)  
Jeffrey William Brown (PharmD 2006)  
Ngoc Lan Thi Bui (PharmD 2002)  
Brandy Nicole Bunch (PharmD 2005)  
Rachel Lynnette Calvert (PharmD 2006)  
Laura Jill Cannon (BS 2001)  
Ellen M. Carey (PharmD 2000)  
Jinhua Chen (PhD 2004)  
Lilian Wai Yan Chiu (PharmD 2004)  
Hyun Cho (PharmD 2004)  
Marisol C. Cisneros (PharmD 2003)  
Brenda Michelle Clark (PharmD 2008)  
Darlene Marie Cummings (BS 2002)  
Kimberly Lin Dahnke (PharmD 2009)  
Rami Khalil Daoud (PharmD 2007)  
Fred P. Davis (PharmD 2001)  
Kevin K. Dec (PharmD 2000)  
Heather D. Dell'Orfano (PharmD 2001)  
Natasha Marie Deubelbeiss (BS 2009)  
Angela N. Dodoo (BS 2004)  
Jamie Lynne Doran (MS 2005)  
Allison B. Edsall (PhD 2004)

Hesham Farouk Elarabi (PharmD 2005)  
Timothy C. Falda (PharmD 2007)  
Brian Christopher Fort (PharmD 2004)  
Susan Marie Fox (PhD 2008)  
Tracy L. Frazier (PharmD 2006)  
Jennifer Lynn Frederick (PharmD 2001)  
Molly Nicole Fricke (BS 2005)  
Michael Ross Futa (PharmD 2008)  
Hugo Garrido Hernandez (PhD 2001)  
Leila Ghanbarinia (PharmD 2008)  
Emily Christina Greenhaw (PharmD 2009)  
Alan E. Gross (PharmD 2009)  
Cory Christine Grzesik (PharmD 2006)  
Abhay Gupta (PhD 2004)  
Farrah Qais Haddad (PharmD 2007)  
Laura Cathryn Hamilton (PharmD 2009)  
Jack L. Harmon (PharmD 2003)  
Ilda A. Haxhistasa (PharmD 2004)  
Wei He (PhD 2008)  
Lindsey Michelle Helfrich (PharmD 2007)  
Lindsay A. Helms (PharmD 2005)  
Stephanie M. Hendricks (PharmD 2005)  
Craig Robert Hodges (PharmD 2009)  
Julie Jung Hong (PhD 2001)  
Juma Hoshino (MS 2008)  
John D. Hulleman (PhD 2007)  
Janna Nicole Irwin (PharmD 2007)  
Kayla Ann Izdepski (PharmD 2009)  
Christy Elaine Javella (BS 2007)  
Julie E. Jernberg (BS 2003)  
Erin Nicole Keith (PharmD 2004)  
Ji Young Kim (PhD 2009)  
Kyung Ah Kim (PharmD 2008)  
Minhee Kim (PharmD 2009)  
So-Yun Kim (BS 2000)  
Sarah Martha Kivett (PharmD 2005)  
Kylie Ann Klenoski (PharmD 2006)  
Rebecca Ann Kolodchak (PharmD 2005)  
Anna Mikhaylovna Kovalenko (PharmD 2009)  
Lori A. Kramer (PharmD 2001)  
Kelly Marie Kremer (PharmD 2006)  
Uros Laban (PhD 2004)  
Sonja L. Laird (PharmD 2001)  
Eun Hee Lee (PhD 2007)  
Anastasia Gracia Lityo (BS 2008)  
Stephanie A. Lynn (BS 2004)  
Jennifer Marie Mabrey (PharmD 2002)  
Gerwyn Makai (PharmD 2008)  
Amy L. Marple (MS 2001)  
Jodi L. Martin (BS 2003)  
Laura A. Martin (PharmD 2003)  
Josephine Thitu Maundu (PharmD 2007)  
Kelly Erin McCarthy (PharmD 2007)  
Holly Lynn McCollough (PharmD 2009)  
Hajra Hameed Mirza (PharmD 2009)  
Kyung-Duk Moon (PhD 2003)  
Megan Ashley Mott (PharmD 2008)  
Mandy Lyn Moulton (BS 2000)  
Maria Dolores Movafegh (MS 2009)  
Faye N. Mulvaney (BS 2003, PharmD 2003)  
Pei-Sze Ng (PhD 2004)  
Chau Huynh Nguyen (PhD 2006)  
Natalie Marie Nicholson (BS 2007)  
Mark C. Okafor (PhD 2006)  
Paula Jean Opheim (PharmD 2008)  
Courtney M. O'Shea (BS 2000)  
Ashwini B. Pai (PharmD 2009)  
Li Fang Pan (BS 2006, PhD 2011)  
Miss Ellen Kyung-Ah Park (BS 2001)  
George R. Paul, III (PharmD 2003)  
Natalie Yvonne Paul (PharmD 2003)  
Britta J. Penn (PharmD 2002)  
Jose D. Perez (PhD 2008)  
Jacob R. Pletcher (BS 2003)  
Julie Ann Przybyla (MS 2009)  
Yogesh S. Punekar (PhD 2003)  
Yong Qiu (PhD 2002)  
Amanda L. Reed (PharmD 2003)  
Valerie Lee Richardville (PharmD 2008)  
Gustavo Javier Rodriguez (PhD 2004)

Shauna Rae Santare (PharmD 2009)  
Sheila Santiago (PharmD 2000)  
Talli Ann Schrader (PharmD 2007)  
Jessica E. Shepler (PharmD 2005)  
Anjly Sheth (PharmD 2003)  
Hee Soo T. L. Shin (PharmD 2004)  
Tammie Anne Shockley (PharmD 2000)  
Yan Shou (PhD 2002)  
Terri C. Smith (PharmD 2004)  
Marshall Robert Songer (BS 2007)  
Elizabeth A. Sprague Carney (PharmD 2005)  
Erin C. Steinwedel (PharmD 2004)  
Kevin Wayne Storm, III (PharmD 2008)  
Jae Eun Suk (PhD 2008)  
Andrea Szostek-Krupa (PharmD 2009)  
Kristine M. Terry (BS 2001)  
Yasmin Hatim Thathia (PharmD 2009)  
Ashley Lynn Thomas (BS 2009)  
Ayla Mohammad Dadou Tourkmani (PharmD 2008)  
Kumar Vedantham (PhD 2009)  
Stephanie Ann Wahlstrom (PharmD 2001)  
Feng Wang (MS 2007)  
Dustin Lee Whiteman (PharmD 2002)  
Hakan Wikstrom (PhD 2007)  
Arunee Wittayanukuluk (PhD 2002)  
Jeffrey L. Wolfgang (PharmD 2004)  
S. Alison Wong (PharmD 2000)  
Elizabeth Woolsey (PharmD 2004)  
Jaime E. Zuroske (BS 2002)

**2010-Present**  
Virona Nabil Abdel-Shahid (PharmD 2011)  
Farah Deebea Ahmed (PharmD 2013)  
Mona Shaker Al Kedrah (PharmD 2015)  
Abdel Majid Hasan Al Natshah (PharmD 2012)  
Majda Salem Alattas (PharmD 2010)  
Roa'A Abdulmomen Al-Gain (PharmD 2013)  
Tahani Alharthi (PharmD 2013)  
Kiran Aslam (PhD 2016)  
Messai Belayneh (BS 2010, PharmD 2010)  
Tracy Lee Juanillo Beltran (PharmD 2011)  
Brandon K. Bergman (PharmD 2015)  
Ariel Renee Burrus (PharmD 2010)  
Hye Jea Byun (PharmD 2013)  
Leah Louise Catt (PharmD 2010)  
Ting-Ju Chang (PharmD 2016)  
Siyang Chen (PharmD 2012)  
Eunbi Cho (BS 2014)  
Saritha Chodavarapu (BS 2010, PharmD 2010)  
Yeo Jin Choi (BS 2013, PharmD 2013)  
Eun Young Chung (PharmD 2010, PhD 2015)  
Kerri Leigh Coggins (PharmD 2011)  
Jeremy Justin Costa (PharmD 2013)  
Wei Cui (PhD 2016)  
Sarah E. Danbury (BS 2015)  
Sasha Kate Delaney (PharmD 2010)  
Aurelie R. Derusep Jacquet (PhD 2016)  
Wogamee Mimi Dires (PharmD 2012)  
Maame Kraba Dontoh (PharmD 2010)  
Ashlee Marie Dutoi (PharmD 2012)  
Afomia Aberra Feleke (PharmD 2011)  
Brian Scott Foreman (PharmD 2012)  
Noah John Franz (PharmD 2014)  
Heather Michelle Fry (PharmD 2016)  
Rachel Lynn Gaesser (PharmD 2011)  
Sarah Renee Gantz (BS 2011)  
Xin Gu (BS 2014)  
Priscilla Alexis Hong (PharmD 2014)  
Chih-Chao Hsu (PhD 2012)  
Jeffrey Allen Hutchens (PharmD 2010)  
Rami Ismail (PharmD 2012)  
Jose Ignacio Juncosa (PhD 2011)  
Matthew F. Kanitra (PharmD 2015)  
Giuliana Satie Kano (PharmD 2013)  
Mohamed Houmem Noure Karah Ali (PharmD 2010)  
Jennifer Lynn Keresztes (PharmD 2010)

Sudip Khadka (PhD 2014)  
Rubayat I. Khan (BS 2013, MS 2016)  
Brittany Ann Kieffner (BS 2011)  
Yeung-Min Kim (PharmD 2014)  
Yu Jin Kim (PharmD 2014)  
Stacy Lynne Kiral (PharmD 2012)  
Jutarat Kitsongsermthom (PhD 2011)  
Thomas Jacob Kleyn (PharmD 2010)  
Mariya Olegovna Krisenko (PhD 2015)  
Charles P. Kuntz (PhD 2015)  
Dan Koji Kuroiwa (PharmD 2015)  
Chatham G. Lane (BS 2015)  
Allison Marie Lange (BS 2011)  
Han Bao Thi Le (PharmD 2016)  
Sootha Lee (BS 2012)  
Erin Sarita Little (PharmD 2014)  
Kerry L. Loader (MS 2010)  
Hao Lou (BS 2010)  
Jason Ryan Mantel (PharmD 2012)  
Scott Allen Marshall (PharmD 2011)  
Heather Jo Mckanna (PharmD 2013)  
Jeffrey Taylor Meade (PharmD 2015)  
Laura Emily Meyer (PharmD 2010)  
Ahmed N. Mohamed (MS 2011, PhD 2013)  
Donna Marie Morgan (PharmD 2010)  
Brandon David Muckley (PharmD 2015)  
Sarah Elizabeth Murphy (PharmD 2012)  
Tahmida Nazreen (PharmD 2014)  
Yng Ng (PhD 2013)  
Trung Xuan Nguyen (PhD 2014)  
Hyunhee Oh (BS 2015)  
Anita Panchanathan (PharmD 2011)  
Esther Jion Park (PharmD 2011)  
Michelle Lynn Parker (MS 2015)  
Disha Krushnakant Patel (PharmD 2012)  
Nancy B. Patel (PharmD 2010)  
Shaili Kantilal Patel (PharmD 2011)  
Wesley David Penn (MS 2010)  
Jigar R. Rajpura (PhD 2015)  
Jacob T. Ramsey (BS 2016)  
Allison Michelle Rawley (PharmD 2012)  
Nora Jane Roman (PharmD 2013)  
Daniel Ward Rushton (PharmD 2014)  
Sarah Michelle Schepers (PharmD 2014)  
Lauren Michelle Schuler (PharmD 2014)  
Daniel Christopher Schuster (PharmD 2010)  
Dharmesh Shah (PharmD 2010)  
Soo Young Shin (PharmD 2012)  
Natalie Christine Sickman (PharmD 2012)  
Isaac A. Smith (PharmD 2016)  
Jessica Jeanette Stansbury (PharmD 2013)  
Melissa Noel Stawski (PharmD 2011)  
Ellen Christina Stewart (PharmD 2012)  
Marisa L. Strychalski (PharmD 2015)  
Bo Sun (PhD 2016)  
Mitali Arun Tambe (PhD 2015)  
Anne M. Thieling (PharmD 2016)  
Christopher Martin Thompson (PharmD 2012)  
Jared James Thompson (PhD 2015)  
Kayla M. Thompson (PharmD 2016)  
Chia-Jui Tsai (PhD 2013)  
Benjamin N. VanWye (PharmD 2015)  
Mark Daniel Vogel (PharmD 2011)  
Milijana Vukobrat (PharmD 2012)  
Heather Marie Wanek (PharmD 2016)  
Yuchen Wang (PhD 2015)  
Michael Leroy Ward (PharmD 2014)  
Lacie June Woodall (PharmD 2014)  
James R. Woods (PhD 2014)  
Jun Xu (BS 2013)  
Mengang Xu (PhD 2012)  
Tzu-Yi Yang (PhD 2014)  
Xiaoqin Yang (PhD 2012)  
Alisa Yelimeshyna (PharmD 2015)  
So Hyun Youn (BS 2016)  
Jamie Leigh Younts (PharmD 2010)  
Mohammad Khaled Zaatari (PharmD 2013)  
Lingfei Zeng (PhD 2016)  
Luo Jia Zheng (PharmD 2010)

# With your support, our mission IS A HOLE IN ONE!



## 22ND ANNUAL **BOILERX** GOLF CLASSIC

**FRIDAY, JUNE 1, 2018**

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. Additional registration forms can be found at [www.pharmacy.purdue.edu/boilerx](http://www.pharmacy.purdue.edu/boilerx), and the deadline to register is May 1, 2018. 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](mailto:nearyd@purdue.edu) or (765) 494-2632.

# 22nd Annual BoileRx Golf Classic · Friday, June 1, 2018

## 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 2018 Sponsorship Levels are:

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

Sponsorships can be made by contacting Katie Skeel, Director of Development Operations and Donor Stewardship, at [kjskeel@prf.org](mailto:kjskeel@prf.org) or (765) 494-1370.



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](mailto:nearyd@purdue.edu) or  
(765) 494-2632.

Forms can also be found at [www.pharmacy.purdue.edu/boilerx](http://www.pharmacy.purdue.edu/boilerx).  
Feel free to make copies of this form as needed.

# HAPPENINGS



## Graduate Student Receives Enoch Gordis Research Recognition Award

**Meridith Robins**, a doctoral student in the Department of Medicinal Chemistry and Molecular Pharmacology working in the laboratory of Dr. Richard Van Rijn, is a recipient of the Enoch Gordis Research Recognition Award. This award is given

by the Research Society on Alcoholism (RSA) and the National Institute on Alcohol Abuse and Alcoholism in recognition of outstanding biomedical and psychosocial research among early career members of RSA. Meridith was selected to attend the RSA annual meeting held in Colorado in June 2017 where she presented her work entitled "Critical role of Gi-protein signaling in the dorsal striatum in the reduction of voluntary alcohol intake in C57Bl/6 mice."



## American Pharmacist Month in Indiana

Purdue Pharmacy students **Michelle Higgins** (left) and **Olivia Walker** (right) were recognized for their initiative in getting October named as American Pharmacist Month in Indiana. The two were instrumental in securing the proclamation which was issued by Indiana Governor Eric Holcomb in September. Olivia is President of Purdue's chapter of the American Pharmacists Association Academy of Student Pharmacists (APhA-ASP), and Michelle serves as Vice President of the chapter organization which consists of approximately 200 members.



## Bringing SoyFoliate to Market

Purdue College of Pharmacy 2017 graduates **Steve Ferris**, **Samuel Lewis**, and **Alison Switzer**, along with Ryan Pendergast, a graduate of mechanical engineering, are the creators of SoyFoliate soap, an environmentally friendly, naturally degradable hand soap using exfoliating soy beads instead of plastic microbeads that have been banned in the U.S. The team has started a company to further develop and bring to market their SoyFoliate innovation with plans to move forward with prototyping, stability testing, and business development with aims to license the technology to personal care companies. Read more at [www.pharmacy.purdue.edu/news/soyfoliate](http://www.pharmacy.purdue.edu/news/soyfoliate).

## Pharmacy First Nighter

The Pharmacy First Nighter was held on September 6, 2017, in the Purdue Armory. This annual event is open to all students in the College in order for them to meet other students and learn about Pharmacy organizations, and to enjoy free food and drinks! Thank you to CVS Health for sponsoring this event.





**Armed for Flu Shot Season**  
PharmD students **Baylee Bryan** (left) and **Veronica Bonderski** (right) administered flu shots to Purdue University President Mitch Daniels and Provost Jay Akridge on October 11, 2017.

**Graduate Student Award Symposium**

The annual Purdue College of Pharmacy Graduate Student Awards Symposium was held on November 1, 2017, in the Purdue Memorial Union. The recipients of the Albert and Anna Kienly Awards for Outstanding Teaching by a Graduate Student are: **Kelsey Lubin** (Industrial and Physical Pharmacy), **Pragya Mishra** (Pharmacy Practice), and **Meridith Robins** (Medicinal Chemistry and Molecular Pharmacology). The recipients of the Jenkins-Knevel Awards for Excellence in Research are: **Mohamed El-Sayed** (Medicinal Chemistry and Molecular Pharmacology), **Yihua Pei** (Industrial and Physical Pharmacy), **Tyler Shugg** (Pharmacy Practice), and **Ying Yang** (Medicinal Chemistry and Molecular Pharmacology).



(L to R) Award recipients Mohamed El-Sayed, Ying Yang, Kelsey Lubin, Yihua Pei, Tyler Shugg, Meridith Robins, Pragya Mishra, and Dr. Danzhou Yang, Associate Dean for Graduate Programs

**Pharmacy Couples Tailgate**

The Purdue College of Pharmacy had a wonderful time visiting with our Purdue Pharmacy couples at the Purdue vs. Illinois tailgate held at the Birk Boilermaker Golf Complex on November 4, 2017.



Sarah (BS 1978, PharmD 1980) and Charles (BS 1978) Sanders had their caricature drawn during the tailgate



**PU vs. Louisville Young Alumni Tailgate**  
September 5, 2017



**Northwest IN Alumni Reception**  
September 14, 2017

To learn more about these and other Purdue College of Pharmacy events that took place during the fall, please visit our online Gallery at [www.pharmacy.purdue.edu/gallery](http://www.pharmacy.purdue.edu/gallery).



**Louisville/Southern IN Alumni Reception**  
September 28, 2017



**Libertyville Alumni Reception**  
October 11, 2017



**Naperville Alumni Reception**  
October 12, 2017



**Pharmacy Days Career Fair**  
October 24, 2017



# CLASS NOTES



## 1950-1959

**Jack Hunter** (BS 1958) writes to say hello to all of his classmates. “We have made it to 80 years of age! Boiler up and go Pharmacy!” He sent in a photo of a group of Big Ten alumni from the Seattle Club’s annual pre-season football mingle at Buckley’s Pub in Seattle, WA. Jack is in the front row wearing his Purdue Boilermaker shirt and University of Wisconsin Badger cap where he received his MS degree.

## 1970-1979



The Purdue Club of North/Northwest Suburbs of Chicago held its annual alumni meeting in Libertyville, IL, on June 17, 2017. Attendees, including **Mary Baker** (BS 1979), had the opportunity to ride the Boilermaker Special during the Libertyville Days Parade earlier in the day.

**John Dingerdissen** (MS 1973) retired in March 2017 after 43 successful years working with SmithKline & French Labs, DuPont Medical Products,

Merck & Co., and Johnson & Johnson in Pharmaceutical, Biotechnology, and Vaccines research, development, and manufacturing. He held several leadership positions based on his MS education

at Purdue and subsequent business education at the University of Pennsylvania’s Wharton School of Business. John continues to stay in touch with Purdue as a Lifetime Alumni member. He currently is consulting with startup firms in pharmaceutical development under his limited liability company, JJD Pharma Consulting, LLC.

**Laurence Hurley** (PhD 1970, HDR 2013) was presented the Arizona Bioscience Researcher of the Year Award by the Arizona Bioindustry Association at the 2017 AZBio Awards. He is the Howard Schaeffer Chair in Pharmaceutical Sciences at the University of Arizona (UA) College of Pharmacy and Director of the UA BIO5/College of Pharmacy Drug Discovery and Development Program.

**Candice Lange** (BS 1976) was named Director of the Jane Brock-Wilson Women in Management Center in the Krannert School of Management at Purdue University, effective July 1, 2017. Learn more at [www.pharmacy.purdue.edu/news/candice-lange](http://www.pharmacy.purdue.edu/news/candice-lange).



(Purdue University photo/Mark Simons)



**Dale Wurster** (PhD 1979), Professor in the Department of Pharmaceutical Sciences and Experimental Therapeutics at the University of Iowa

College of Pharmacy, is the recipient of the Ralph Shangraw Memorial Prize. The award, presented by the International Pharmaceutical Excipients Council Foundation, is bestowed upon a person who has provided outstanding research contributions in the study of excipients or excipient-related technology over a number of years. Additionally, in November 2017 he began his three-year term on the American Association of Pharmaceutical Scientists’ Board of Directors as president-elect, president, and immediate past president.

## 1990-1999



**Scott Stolte** (PharmD 1997) has been appointed Dean of the Nesbitt School of Pharmacy at Wilkes University. Prior to joining Wilkes, he was Professor and

Dean of the College of Pharmacy at Roseman University of Health Sciences in Henderson, NV. He began his career in pharmacy education in 1998 at the Bernard J. Dunn School of Pharmacy at Shenandoah University in Winchester, VA. During more than a decade at Shenandoah, he rose through the faculty ranks and served in a variety of leadership positions, including Department Chair and Associate Dean of Academic Affairs.

# CLASS NOTES

## 2000-2009



**Robert Beckett** (PharmD 2009) is the recipient of the 2017 Emerging Teaching Scholar Award presented by the American Association of Colleges of

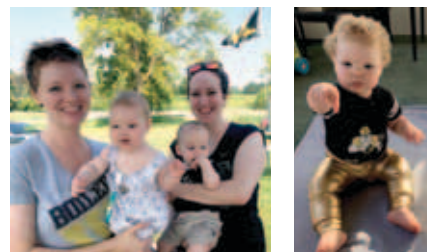
Pharmacy (AACP). This national award recognizes each recipient as a “gifted teacher, scholar, and academic leader.” Rob is Associate Professor of Pharmacy Practice at Manchester University (Fort Wayne campus) and Director of the Manchester University Drug Information Center.



**Eric and Jenny (Bryant) Lis** (both PharmD 2009) self-published a children’s book, *Up All Night - A Bedtime Story*. Inspired by their two boys, the book is about a little boy who stayed up all night because he didn’t want to go to bed, and his misadventures the next day. It is currently available on Amazon.

## 2010-Present

After a career of 17 years with Walgreens, **Christina (Carnahan) Harbison** (PharmD 2002) began a position with Avita Specialty Pharmacy as a Hepatitis C Specialist in April 2017. She is currently in the process of getting credentialed through AAHIVM to get her AAHIVP certification. She resides in Dallas, TX, with her husband, Mike, and two children, Asher (7) and Kellan (3).



Amelia Lynn, daughter of **Megan (Groetsch) DeJager** (PharmD 2013) and Brian DeJager, is ready to cheer on the Boilermakers basketball! Megan and Amelia are also pictured with **Veronica (Novak) Vernon** (PharmD 2011) and her son, Max, while sharing the joys of Purdue tailgating. Amelia was born in the DeJager’s new hometown of Appleton, WI, on February 20, 2016.



**Allegra DePietro** (BS 1997) has been selected as a member of the United States Pharmacopeia (USP) Expert Panel on

Radiopharmaceutical Compounding.



**Joey Elias** (PharmD 2012) married Tiffany McConnell on April 8, 2017, in Louisville, KY. Tiffany currently works as a perioperative nurse and Joey as a pharmacist,

both within the IU Health hospital network. They reside in Fishers, IN.



(L to R) Margaret Haehl, Sandy Hughes, Marianne Billeter, Linda McElhiney, Christine Kane, and Jane Hammock



The Kappa Epsilon (KE) National Professional Pharmacy Fraternity held its 51st National Convention in New Orleans, LA, in August 2017. The Purdue College of Pharmacy Pi Chapter of KE was recognized, as were some of our alumnae, during the convention. The convention concluded with a mini cruise aboard the historic Paddlewheeler Creole Queen. KE alumnae present were **Marianne Billeter** (BS 1986, PharmD 1987), **Margaret Haehl** (BS 1972), **Jane Hammock** (BS 1972), **Sandy Hughes** (BS 1972), **Christine Kane** (PharmD 2016), and **Linda McElhiney** (BS 1984). Read more at [www.pharmacy.purdue.edu/KE-convention](http://www.pharmacy.purdue.edu/KE-convention).



## Kappa Epsilon Celebrates 70 Years!

**Reunion Save the Date  
November 17, 2018**

Inducted in 1948, the Purdue University Pi Chapter of Kappa Epsilon (KE) will celebrate 70 years of service this year! The object and purpose of this professional fraternity is to promote women in pharmacy and to foster professional consciousness, and membership provides opportunities for leadership development, community service, and fellowship. The Pi Chapter has a steady group of approximately 60 pre-pharmacy and pharmacy students actively participating, and it is proud of their exceptional group of KE alumnae who are actively involved in the program. The Purdue College of Pharmacy is excited to welcome our KE alumnae to campus this fall for a celebratory reunion!



**Allyson (Rough) Howard** (PharmD 2011) and her husband, Ross (BS 2009, MS 2010, PhD 2013, Engineering), welcomed the arrival of their second child, Cora Shay, on June 16, 2017. Cora weighed 7 lbs 11.8 oz and measured 20 1/2". She joins her big sister, Gwen (2).

**Alexis Paris** married **Kevin Rivera** (both PharmD 2015) on April 7, 2017, in Indianapolis, IN. Kevin is a pharmacy manager at CVS in Trafalgar, IN.

**Rushabh Shah** (BS 2014, PharmD 2014) is the recipient of the 2017 Distinguished Young Pharmacist Award presented by the Pharmacists Society of the State of New York, Inc.

## IN MEMORIAM

- Harold S. Bailey, Jr.** (PhD 1951)
- John F. Csicsko** (BS 1966)
- James F. Day** (BS 1959)
- Raymond E. Fortman** (BS 1976)
- Joel M. Greenberg** (BS 1963)
- J. Richard Grunder** (PhD 1964)
- Stephen G. Hoag** (BS 1971, PhD 1973)
- Donald L. Kunkel** (BS 1953)
- Robert L. Moore** (BS 1960)
- Joy A. (Julian) Shaver** (BS 1963)
- Dennis R. Terry** (BS 1966)
- Rene J. Torrella** (BS 1964)
- Joseph G. Wilson** (BS 1960)
- Jeffrey L. Winn** (BS 1983)

## CORRECTION

In *The Purdue Pharmacist*, Summer 2017 (Vol. 93, Issue 1), it was printed in "Multicultural Programs Celebrates 25 Years" (pages 18-19) that Johnnie Early II (MS 1976, PhD 1979) started the Purdue chapter of SNPhA. Dr. Early was a charter member of the organization founded in 1972, but it was alumnae Heidi Anderson (BS 1978, PhD 1986) and Sarah Burnside Sanders (BS 1978, PharmD 1980) who began the Purdue chapter in 1975. Dr. Anderson was also the first female leader of SNPhA (1979-1989). To read more about the history of the College of Pharmacy's Multicultural Programs and how diversity efforts were initiated by Richard Weaver (BS 1970), please visit [www.pharmacy.purdue.edu/omp/history](http://www.pharmacy.purdue.edu/omp/history).



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Purdue Pharmacy Alumni Group

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You're invited to help us celebrate Purdue University's 150th anniversary! We'll kick off the festivities during Homecoming on September 22, 2018, so mark your calendar and plan to join us. Hail, Purdue! [www.purdue.edu/150](http://www.purdue.edu/150)

