

THE PURDUE PHARMACIST

Fall & Winter 2013 | Volume 89, Issue 2



PURDUE
UNIVERSITY

FROM THE DEAN



We live in an age where identifying where one sits on one ranking system or another has become an obsession for some. A few ranking systems make sense, others are insensible. For example, I will never understand how football teams can be meaningfully ranked before they have played a single game! That said, assessing where you stand in terms of your peers can provide insight into what you are doing well and where you might want to place some focused attention.

Since we must raise over 60% of our College revenue from external sources, it is important that we assess the effectiveness of our fundraising among our alumni. I am delighted to report that our College has the highest percentage of alumni (20%) in the entire University giving back to the institution. In a recent assessment, we found that 2,680 Pharmacy alumni have given for over five consecutive years, while 478 alumni have given for more than 20 years straight. That is loyalty!

Whether this is your first year making a gift or you have been giving for 20 plus years, thank you for your support. Our list of donors for the past year can be found in our Donor Honor Roll, which is available on our website. If you have never given to the College or have lapsed in your giving, I want to encourage you to invest in the next generation of pharmacists and pharmaceutical scientists. While we all hear about the challenges of rising tuition, the dollars from tuition and state allocations combined make up less than 40% of our revenue. We really do depend on our loyal alumni to sustain the excellence for which we have been long recognized.

In this issue of *The Purdue Pharmacist*, you will read about some recent alumni and their early career experiences. You will also read about some alumni who are giving back to secure the future success of our College. This investment by our alumni continues to reap dividends, as the College consistently ranks among the top programs in the nation. Recently, *Pharmacy Technician Review* assessed pharmacy programs based on a variety of measures and concluded that Purdue's College of Pharmacy ranks #1 in the nation. Such accolades would not occur without the continued support of our loyal alumni. From our vantage point, you rank as the best!

Hail Purdue!

CRAIG K. SVENSSON, Dean

**Purdue's College of
Pharmacy ranks #1
in the nation.**
Pharmacy Technician Review

THE PURDUE PHARMACIST
Volume 89, Issue 2 (Fall & Winter 2013)

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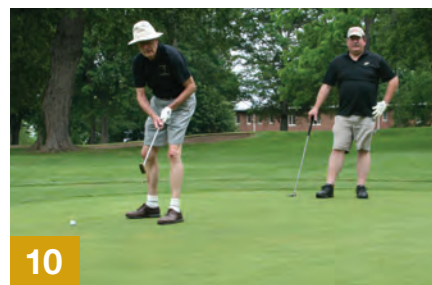
The Purdue Pharmacist is published biannually for alumni and friends of the College of Pharmacy at Purdue University. We welcome your comments, opinions, and questions.

Publication designed by Dawn Minns,
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THE PURDUE PHARMACIST

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ON THE COVER:
2013 Homecoming Festivities

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Dr. Kara Weatherman's son, Will, impersonates Purdue Pete at the 2013 Homecoming Festivities





Members of the Class of 1963 returned to campus to celebrate their 50th reunion; also see page 23

2013 Homecoming Festivities



(L to R) Leslie and Dennis Gardner (both BS 1972), with Bill Malloy (BS 1976) and his daughter, Katie Malloy (PharmD 2008)



John Dinkens, Director of Advancement, and Norma King (BS 1958)

The College of Pharmacy welcomed hundreds of alumni back to campus for Homecoming weekend during September 27-29. The weekend festivities began on Friday evening with the ever popular Student and Alumni Chili Supper with over 250 attendees. Following dinner, friends gathered to watch the Purdue Homecoming Parade and Pep Rally. On Saturday, the College hosted over 400 hundred alumni, students, and friends to its annual Homecoming Tailgate prior to kick-off for the Purdue vs. Northern Illinois football game. We were particularly glad to see the Class of 1963 on campus for their 50th reunion. As always, alumni enjoyed reconnecting with friends, faculty, staff, and current students during the fun-filled weekend.



Greg and Tammy Fox enjoy the tailgate with their son, Drew. Greg is the College's Corporate Partner representative for Kroger Company and serves on the APhA Board of Trustees. Tammy is the Community Pharmacy/Medication Safety Project Manager for the College.



Participants of the Multicultural Association of Pharmacy Students (MAPS) are always willing to volunteer at the chili supper



(L to R) Jim and Jeannie (BS 1961) Chaney visit with Chris Smith, former Director of Advancement of the College of Pharmacy



Kathy Marcotte (BS 1982), Mary Kuhn (BS 1982), and Renee Popovich (BS 1983) catch up during the tailgate



Pharmacy student organizations sold items during the chili supper and tailgate



The College of Pharmacy

Fiscal 2013 Gifts

Thank You!

The College of Pharmacy would like to thank our donors for their generosity which ultimately enhances the overall success of our programs and future alumni. A list of the names of our individual and corporate donors who made gifts during July 1, 2012 through June 30, 2013 can be found online at www.pharmacy.purdue.edu/advancement/publications/annual_reports/2013.

Please allow us to say thank you by visiting www.pharmacy.purdue.edu/advancement/alumni/thanks2013.php to view a special message from our students and faculty.

The College strives to accurately recognize our donors. If for any reason you feel that your name has been omitted or listed incorrectly on our website, please contact Angela Davis, Manager of Stewardship and Donor Relations, at (765) 494-1370 or davis174@purdue.edu. We invite all of you to participate at the appropriate giving club level. Every gift counts, and we thank each and every one of you for your support.



Eric Schaaf's Journey as a Nuclear Pharmacist

Eric Schaaf (BS 1995) is the owner of HeartLight Pharmacy Services located in Lima, Dayton, and Columbus, Ohio, with 45 employees. "One of the things that attracted me most to nuclear pharmacy is the business aspect of this area of practice—the ability to run your own business," he says. Running a business was not such a far-fetched notion, given his family background.

Eric grew up in Lafayette, Indiana, where his family owned a retail pharmacy for about 85 years, closing in the late 1980s. He is a proud fourth generation Purdue pharmacist. "My father Robert (BS 1961), Grandfather Herbert (BS 1934), and Great Grandfather Otto (BS 1903) owned Schaaf Drugs," he says. "I remember growing up with my Grandfather's stories of keeping the pharmacy viable through the Great Depression and working night and day with his father through flu epidemics to meet and prepare doctors' orders during that time."

But Eric chose not to rest on family laurels and wanted to find his own path to success. He wasn't sure that retail pharmacy was the right fit for him, so his father told him he needed to contact Dr. Stan Shaw to get information about the new area of pharmacy practice being taught. "Of course, I did, and I have been hooked ever since," comments Eric. "Dr. Shaw's energy and enthusiasm about nuclear pharmacy was infectious."

As his interests grew, Eric noticed that there wasn't a student organization dedicated to enriching the nuclear pharmacy education. After speaking with Dr. Shaw, he was encouraged to gather interest for a new organization on campus. "After rounding up as many classmates as I could for an initial meeting, we formed a small group to write the constitution for the Society of Nuclear Pharmacy (SNP) Purdue Student Chapter." He served as the first president and later the travel chairman. "We were able to go on several educational trips to various production facilities and nearby pharmacies."

For his involvement in starting SNP in 1993, Eric was inducted into Phi Lambda Sigma, the Pharmacy Leadership Society, and awarded the order of the Orange Plate. "Working to start SNP actually gave me a lot of the confidence to eventually start my own business."

While at Purdue, Eric participated in two summer internships in Ft. Lauderdale with Mallinckrodt, Inc. "It was a great program, and I feel that it was great preparation for working in the field of nuclear pharmacy." After his first year, he received the Mallinckrodt internship scholarship and returned the following summer to the same location for a more advanced internship experience. "This helped me get the position of Radiation Safety Manager (RSO) and facility manager for the Miami Satellite office that was opening," he says. "Serving as RSO and site manager was a challenge directly out of school, but I embraced it and appreciated the opportunity."



Seeking to move back to the Midwest to start a family, Eric accepted a transfer to Dayton in 1998. He opened another satellite office for Mallinckrodt in 2002 in Cincinnati, and shortly thereafter he completed an MBA at the University of Dayton with a concentration in marketing. "I was intending to shift into advertising or marketing with a big pharmaceutical company, but fate threw me a twist. I decided to open the first location for Schaaf Drugs LLC dba HeartLight Pharmacy Services in Lima. I legally named it Schaaf Drugs after our family pharmacy, which I know made my dad very proud. I was never able to show him my pharmacy as he passed away in October 2003, and we didn't open for business until May 2004, but I know he, and my family tradition, will always be a part of HeartLight through the Schaaf Drugs name."

"HeartLight was formed to give customers better service and a choice. We are a problem-solving pharmacy, and we take pride partnering with our customers to solve their problems," he says. "Being independent is important to me, just like our family tradition." The company began to expand, and Eric hired Clinton Knaus (PharmD 2008) to manage the Dayton location and James Kauchak (BS 1996) to serve as the Lima manager. "After all, Purdue produces outstanding nuclear pharmacists," he quips. HeartLight also partnered with Ohio Northern University professor Dr. Jeffery Christoff to add an introduction to nuclear pharmacy course. "Living close to another pharmacy school, I always tell colleagues about the excellent education I received from Purdue."

Eric is a member of the Young Presidents' Organization, an influential and prestigious international organization. He also sits on the UPPI Board of Directors. "I see the future of nuclear pharmacy practice evolving very rapidly, and being on the Board helps me to keep ahead of the curve on changes." HeartLight Pharmacy Services received the 2006 Chamber of Commerce Emerging Business of the Year Award, recognizing the excellent team of employees and their hard work.

Eric and his wife, Marlena (BA 1995, Education), have four children: Jackson (13), Carter (11), Ava (8), and Francesca (4).





(L to R) Shirley L. Paddock and Mary B. Baker attend the College of Pharmacy's tailgate during Homecoming 2013

Women in Pharmacy

MAKING *a* DIFFERENCE

Women have made a growing mark in the pharmaceutical profession over the years and are sharing their talents and generosity with others. The College of Pharmacy is pleased to highlight two alumnae who are certainly making a difference.

Mary B. Baker (BS 1979) is employed with Hospira, Inc. in Lake Forest, Illinois. As Director of Medical Services, she oversees programs in parenteral nutrition, sterile compounding, large and small volume parenterals, medication error reduction, promotional review, and labeling. In her spare time, she plays in a community band in Glenview which includes multiple Purdue alumni. She also enjoys traveling, baking, and watching college football and basketball.

Shirley L. Paddock (BS 1990) is Senior Director/Chief Operations Officer in Lilly's Chorus division in Indianapolis, Indiana, where she is responsible for the day-to-day operations of the Chorus organization and its current portfolio of assets in early phase drug development. Given her love for retail pharmacy, Shirley also works part-time at CVS Pharmacy. She describes herself as a biblio-, eno-, and xenophile. She is married to Greg Riffe, and has a daughter, Kacie Barron (Silvano), who is a nurse. She adores her grandson, Ayden, who she says is the cutest little man in the world.

Mary and Shirley have been active in Pharmacy Women for Purdue, an annual event that provides the chance to interact with other female pharmacy graduates and current students in a wide variety of practice settings. Both women also recently designated planned gifts to the College of Pharmacy. We decided to sit down with them to discuss their views on the changing roles of women in the profession, what their experiences were as students at Purdue, and what motivates them to give back to the College.

What first drew your interest to the field of pharmacy?



MB: I was always interested in the medical sciences. There was a small apothecary in my hometown—almost no nonprescription items. The pharmacist was highly regarded and took time to counsel patients, and he made a difference in their medical care.



SP: In high school I really enjoyed science, especially anatomy and physiology, thus I wanted to pursue a career in health sciences and did not want to be a doctor, so I thought pharmacy would be a great choice.

In a historically male-dominated profession, what advancements have you personally witnessed with women in this field, if any?

MB: Women are being elected leaders in organizations such as ASHP, SCCM, APhA, and ACCP. There are greater opportunities for advancement in practice settings.

SP: Well, for one I believe that the field of pharmacy is no longer male dominated, especially in my job at CVS. I see a lot of women in leadership positions.

How have you seen the roles of women change/remain the same in the pharmacy profession?

MB: Women no longer are relegated to only staff positions. They take on leadership roles. We're seeing more women entrepreneurs. Part-time positions are mainly occupied by women primarily due to family responsibilities.

SP: I do see many more women in management across the retail, hospital, and industry disciplines.

What changes would you like to see regarding women's roles in the profession in the next 5-10 years?

MB: I'd like to see women continue to achieve positions where they influence practice and policy, and to see the time when a woman in a particular role is not viewed as new or a novelty.

SP: I would like to see continued growth opportunities for women in C-suite leadership positions (CEO, CFO, COO) across all pharmacy disciplines as I believe we have room for more pharmacy women occupying these roles.



What advice would you give current female pharmacy students and recent graduates?

MB: *Your first position isn't your last position. Expect change. There are so many opportunities for practice that you shouldn't hesitate to pursue something new if a position isn't working out. Go where your passion leads you and don't follow the crowd. Don't be discouraged by 'we've never done it this way.' Join local and national professional societies and network, network, network! Pharmacy is a very tight community and you would be amazed at the connections people have. Treat your co-workers and other health care professionals with respect and be willing to go above and beyond your job description. Volunteer for projects to develop skills in other areas.*

SP: *I always give these two pieces of advice: 1) work in as many different areas as possible in the pharmacy discipline so you'll know what opportunities are out there and be able to see what you might enjoy in a career, and 2) go into your first job knowing that it will not be your last, as the opportunities are endless.*

What was your experience at Purdue as a student? Do you think your experience as a female student differed from that of male students?

MB: *Purdue was a life changing experience. It was the most academically rigorous of all the schools I attended and prepared me well for post-BS education. Professors emphasized how we impacted patients. I enjoyed the camaraderie with classmates and was fortunate to live in a dorm area with multiple pharmacy students. I did not observe a noticeable difference between the male and female students in how we were treated in the classroom. One of our professors accurately predicted how a larger percentage of women would influence pharmacy practice. At the time, we didn't believe him.*

SP: *My experience at Purdue was pretty vanilla in that all of my efforts were focused on studying, thus my participation in campus activities was minimal, except for football and basketball! I wish I had gotten more involved in the College and the University as a student; however, I'm making up for that now.*

Any particularly fond memories of your days at Purdue?

MB: *Too numerous to count! I enjoyed playing in the Purdue bands on stage at Elliott, and I played the 1812 Concert at Slayter Hill and couldn't see the last page of music due to cannon smoke. The final exam in Parenterals lab was a deck of cards and you picked one with an admixture to compound and had to explain it to Dr. Belcastro.*

SP: *All of them, except for the exams.*

What motivates you to stay connected with the College of Pharmacy? How do you chose to participate and why?

MB: *The College of Pharmacy is sincerely interested in their students and graduates. Years after I graduated, professors remembered my hometown, who my friends were, and even where I sat in room 172. The Homecoming Tent is a wonderful opportunity to connect with former professors and classmates and meet current students. I sit on the Dean's Advisory Council and have learned a lot from other council members, guest speakers, and breakout sessions. I enjoy visiting for football games, and no matter how the team fares, the marching band is always spectacular. In the places I have worked—especially in industry—there are numerous Purdue pharmacy graduates, and the Purdue degree is highly respected.*

SP: *As mentioned earlier, I did not get involved in very many on-campus activities while at Purdue, so now I want to make up for lost time, especially as I can now see the bigger picture of where the College and the University are headed and determine how I can personally contribute. I'm in a position to help financially and bring my 23 years of experience to the table. I focus on those events that have personal meaning for me or remind me of my days at Purdue...athletics, College of Pharmacy, and the Purdue Alumni Association. Additionally, I am involved with the Pharmacy Women for Purdue as I want to set an example for those students who might be experiencing Pharmacy school the way I did. I want to let them know that there is more to Purdue than just studying.*

You both recently designated a planned gift with the College of Pharmacy. What motivates you to give back financially, and how do you hope it will be beneficial?

MB: *The cost of pharmacy education is daunting. I want to make sure that the best qualified students attend Purdue. Drug therapies are getting into areas no one would have predicted. I'd like to create more scholarships to enable students to get the finest pharmacy education and make a positive impact on practice.*

SP: *My Purdue education was primarily supported by financial aid: scholarships, federal grants, work study jobs, and student loans. I love Purdue, and believe that I am indebted to the University for who I am today professionally. Given that I am now in a financial position to give back, I want to help those Pharmacy students who may be in need of financial help to ensure they get the most out of their Purdue experience. Additionally, the Purdue pharmacy brand is phenomenal in the pharmacy world, and I'd like to ensure it stays that way by supporting its students as much as possible*

Do you hope that your planned gift will inspire fellow and future alumni to follow in your footsteps?

MB & SP: *Absolutely!*



Addressing Low Quality Drugs



The World Health Organization reports that as much as 30-50% of all pharmaceuticals in the developing world are substandard or fake.⁽¹⁾

The Purdue Kenya Program is working to address low quality medications and improve the quality of care that patients in Kenya receive. The standard method for testing counterfeit medications is the use of high performance liquid chromatography (HPLC), a technology that is not readily available in this resource constrained setting.

To address the concerns regarding low quality medications, the pharmacy team in Kenya is working on screening medications using a paper analytical device (PAD). The PAD was developed by Professors Marya Lieberman at the University of Notre Dame and Toni Barstis at the College of Saint Mary as a tool to detect low quality medications. This technology is inexpensive, portable, and can be used by people with little training. Purdue Kenya Program's former Global Health Resident, Dr. Mercy Maina, is leading the field testing of this device on the ground in Kenya. The PAD (which costs about \$.40 to manufacture) tests the quality of the medication but not the quantity of the fake substance present. The Purdue Kenya Program is excited about this technology and the implications for patient care. "Counterfeits or substandard drugs are a global issue, but the impact is felt most in developing countries," says Dr. Maina. "The PAD is a device for the millions in developing countries to fight back against poor quality drugs. The PAD might be the size of a card, but its impact on patient safety is huge."

To view a video about the counterfeit medications project, "Fighting to Protect the Sick," please visit <http://www.nd.edu/fighting-for/2013/fighting-to-protect-the-sick/>.

To test medications, Dr. Maina scratches a tablet across the PAD (shown in close up). The PAD is then placed in a small amount of water. Colors develop across the columns which are used to interpret the quality of the medication compared to the standard.



⁽¹⁾ WHO Department of Counterfeit and Substandard Medications Website, [www.who.int/mediacentre/factsheets/2003/fs275/en/](http://www.who.int/mediacentre/factsheets/fs275/en/); accessed May 2, 2012.



The PAD Project Team gathers in front of the Moi Teaching Referral Hospital in Kenya

SIXTY SECONDS

With a Graduate Student



Lavanya K. Iyer

Bachelor of Pharmacy,
Gujarat University, India

MS, Pharmaceutical Sciences,
SUNY Buffalo

Doctoral Student, Department of
Industrial and Physical Pharmacy

Anticipated Graduation Date: May 2014

Hometown: Ahmedabad, Gujarat, India

Major Professor: Dr. Elizabeth Topp

Thesis Title: *Photolytic labeling and crosslinking to study molecular interactions in protein formulations*

Research Interests: Protein stability in solutions and lyophilized solids

Awards and Honors: Ronald W. Dollens Graduate Scholarship in the Life Sciences, presented research at the Graduate Student Symposium at the AAPS National Biotechnology Conference in San Diego in May 2013, and received an award from the AAPS (sponsored by Eli Lilly and Company) based on a submitted abstract entitled "Photolytic Labeling with Mass Spectrometric Analysis to Probe Protein-Matrix Interactions in Lyophilized Solids"

Post-graduation Plans: Work in the pharmaceutical industry

"My experience as a graduate student in IPPH has been extremely positive. My research is very interesting and involves chemistry and molecular biology. I get to work with really talented students and postdocs, and Dr. Topp is a wonderful mentor."

11TH ANNUAL GARNET E. PECK SYMPOSIUM

March 7, 2014

Holiday Inn-City Center • Lafayette, IN

Topic: Pharmaceutical Manufacturing and Regulatory Issues

Chaired by Dr. Tonglei Li, Allen Chao Chair and Professor of Industrial and Physical Pharmacy

SPEAKERS:

Larry Augsburger, *University of Maryland*

Nick Cappuccino, *Dr. Reddy's Laboratories*

Mansoor Khan, *Food and Drug Administration*

Paul Luner, *Boehringer Ingelheim*

Christine Moore, *Food and Drug Administration*

William Randolph (BS 1982, PhD 1988), *Janssen Supply Group, LLC*

Calvin Sun, *University of Minnesota*

Allen Templeton, *Merck & Co.*

For more information about the symposium, please contact DeEtte Starr, Communications Coordinator, Department of Industrial and Physical Pharmacy, at (765) 494-1484 or starrd@purdue.edu.



*With your support,
our mission is
a hole in one.*

18th Annual BoileRx Golf Classic
Friday, June 6, 2014

Registration begins at 10:30 a.m.

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

Shotgun start at noon.

We will be playing nine holes on Ackerman and nine holes on Kampen!



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 2014 Sponsorship Levels are:

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

Sponsorships can be made by calling Angela Davis at (765) 494-1370.

Scholarship Recipient Profile

Jordan Buuck is a 4th professional year PharmD student from Hoagland, Indiana, and the 2013 recipient of the Pharmacy Alumni Scholarship. "We all know how quickly costs accumulate in pharmacy school" he says. "Scholarships are always appreciated in making the tuition more manageable. However, my favorite aspect of the alumni scholarships is the continuity that they form with previous generations of Purdue pharmacists. We have the opportunity to meet the donors of our scholarship, as well as donors for our classmates. You immediately know that they are passionate about our College, and interested in your education. I hope to continue this tradition after graduation as a donor."

Jordan is involved in Kappa Psi Pharmaceutical Fraternity and is an Evans Scholar. He enjoys coaching high school wrestling, being an awful golfer, and watching the Colts win.

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:

_____ , _____

_____ , _____

We have reduced the price to golf, and we need your assistance with our scholarships. Please make a donation that is meaningful to you.

Registration fee _____ x \$ 75 = \$ _____

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 Help? Want
to Sponsor a Hole?**

Contact: **Dana Neary**
(765) 494-2632
neary@purdue.edu

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

Recent Graduates...

A Reality Check

Jacyln Jeffries received her PharmD in 2012 from the College of Pharmacy. She went on to complete a residency with the Center for Medication Safety Advancement (CMSA) at Purdue and also participated in the CMSA-Kenya Medication Safety Fellowship Exchange Program. She is employed as a pharmacy safety officer at Health First Cape Canaveral Hospital, Health First Holmes Regional Medical Center, Health First Palm Bay Hospital, and Health First Viera Hospital in Cape Canaveral, Melbourne, Palm Bay, and Viera, Florida, respectively. In this role, she establishes safe and effective medication management standards, put forth by The Joint Commission, throughout Health First. She is responsible for safety assessments, Medication Safety Committee coordination, and providing education/consultation regarding safe medication use practices. She directs a team towards process improvements that support the reduction of medication errors and adverse patient outcomes, as well as maintains the pharmacy department's policy and procedure manual to ensure compliance with regulatory agencies. She really enjoys the variety that this position brings. "Though Medication Safety is a specialty, it is one that extends to all areas of care, health disciplines, and all arenas of pharmacy," she says.



you start. If you don't meet those expectations, you find yourself switching majors. Those two years of class work and involvement in extracurricular activities refined my time management, leadership, and communication skills. Once accepted into the College of Pharmacy, you feel much more settled in a way that the pressure and competition no longer exists to get into the PharmD program. Amazing classmates and professors only add to the experience.

In addition to wonderful classmates and professors, the College provided a wide array of opportunities to grow personally and professionally. The summer before my second professional year, I had an internship in Phoenix, Arizona, with eight other pharmacy students from around the nation. I learned about three different business models, ways to engage patients with healthcare clinics, received immunization training, and so much more.

Where do you see yourself in 5-10 years? *I honestly can't predict that, as I don't know what opportunities will be presented to me in that time. Plus, I have so many interests within Pharmacy, I could truly be happy in any arena. Professionally, I want to establish myself internationally as a medication safety expert. I would like to eventually get my eMBA and learn how to speak Spanish. I aspire to increase involvement and gain leadership positions in state and national health-care organizations in addition to advancing pharmacy practice through interventions, documentation, and engagement. Another goal would be to figure out how to make medication reconciliation complete and simple for all healthcare professionals and disseminate the best practices to promote a safe quality health-care environment.*

What advice would you give current pharmacy students as they prepare for their future careers? *Seek every opportunity; network; get a mentor; self-reflection—know your strengths, your interests, your passions; show up, speak up, follow up; stay humble, appreciative, and friendly; and develop a work (school)/life balance.*

How do you plan to stay connected with the College of Pharmacy as an alumna? *I was invited to a Pharmacy Women for Purdue event while I was a P4 student on rotations. This was hands-down one of the most inviting and helpful 'meetings' I had ever attended. I networked with several alumnae and was provided a lot of information on how to prepare and excel in my career. I am so proud to be a graduate of Purdue's College of Pharmacy, and that is an achievement that stays with me and is recognized everywhere I go.*

As a recent graduate, what has your experience "out in the real world" been like so far? *If you had asked me five years ago to predict where I would be and what I would be doing now, I can assure you that I would not have said a Pharmacy Safety Officer for a four-hospital health-system in Florida after completing a Medication Safety Residency. That is one of the fun parts about the dynamic, changing nature of pharmacy. Keeping a positive attitude, seeking opportunities, and staying engaged in the pharmacy profession can open up many avenues.*

My biggest challenge transitioning from student to resident was the lack of guidance through templates. In college, our assignments were supplemented with templates that we would fill in with the appropriate information. This doesn't happen in the real world. We make and fill in our own templates.

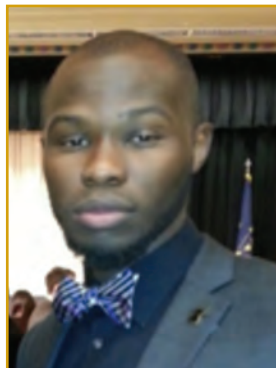
As a student, I remember craving a job so I would have time after work to do anything other than studying. Now that I am working, I realize how much additional time I had in college—you only get busier!

How well do you think your education at the College of Pharmacy prepared you for this position? *Purdue was a fabulous college to which I owe my career. The pre-pharmacy curriculum is rigorous and there are high expectations the day*

They've spent the past several years preparing for this profession, hoping to go out into the world and make a positive contribution to society. Now that the confetti has settled from the commencement celebrations, the College of Pharmacy decided to catch up with a couple recent graduates to find out where they are now and what they've been up to. Is the real world what they expected, and where they prepared? Read along as we take a peek into the lives of **Jacyln Jeffries** (PharmD 2012) and **Ismaila Badjie** (PharmD 2013) for a reality check.



A native of The Gambia, West Africa, **Ismaila Badjie** received his BS in Chemistry from Tennessee State University in 2008 before deciding to earn a PharmD from Purdue in 2013. He is employed as a community pharmacist for Walgreens Company in Charlotte, North Carolina. In this role, he is a patient wellness advocate through the provision of services included, but not limited to prescriptions, compounding, Medication Therapy Management (MTM), immunizations, and health screenings and consultations. He comments that the most rewarding factor of his position is the ability to truly become a part of the community he serves and being able to shape how pharmacy should be. "A great sense of gratification comes from patients trusting our relationship and valuing my role in their overall wellness. Walgreens' commitment to our patients getting, staying, and living well truly empowers pharmacists to utilize our clinical skills through our expanded services and being the health care professionals patients truly trust."



graduated and moved out of state. The College is truly in a class on its own in terms of instilling a mindset of being on the forefront of creating the new age world of pharmacy. The balanced level of top notch faculty, clinical training, and exposure to such a dynamic and diversified curriculum made my PharmD a universal passport to endless opportunities.

Where do you see yourself in 5-10 years? *I am very passionate about my continuous leadership training and development, so I see myself in a leadership role within the realm of community*

pharmacy. 'Adapt or Die' is a mantra I associate with pharmacy. I will always thrive in a stimulating environment focused on innovation and the empowerment of pharmacists to practice at the top of their license. Also, at some point in my professional career, I want to explore opportunities of bridging the gap between pharmacy practice in the U.S. with other parts of the world.

As a recent graduate, what has your experience "out in the real world" been like so far? *The real world has been exciting, demanding, challenging, and sometimes uncomfortable. It's a balance between being the new kid on the block filled with energy and ideas, trying to learn from seasoned pharmacists to master your craft, and getting use to the responsibilities of being in a position of accountability and authority. The true gratification for me has been accepting any challenge in the workplace that will provide an opportunity to grow professionally. As a young community pharmacist, I do believe the field falls victim to an inaccurate portrayal as a monotonous "lick, stick, pour" and "get them in, get them out" system. I have been amazed with the limitless opportunities the field presents to utilize my clinical skills and make a difference in patients' lives. Focusing our craft on the relationship with patients and not the transaction is where our true potential lies.*

How well do you think your education at the College of Pharmacy prepared you for this position? *I can honestly say going to Purdue University was the best decision I ever made. My journey was unorthodox in a sense that I had already matriculated at a different university as an undergrad and that Purdue was 'the next chapter.' With this new chapter came many challenges that contributed significantly to my personal and professional growth. My greatest appreciation and sense of pride as a Boilermaker fully manifested once I*

What advice would you give current pharmacy students as they prepare for their future careers? *Take in all the information, all the experiences the College has to offer, and make a decision based on where your passion lies, even if it's not popular. Instill a sense of responsibility for the vitality and advancement of our profession. Start mapping out an individual action plan based on your career goals as early as possible to help identify mentors and expand your network of connections well before graduation. Lastly, while academic achievement is paramount, invest some time in adding management and leadership training as part of your overall preparation for the real world.*

How do you plan to stay connected with the College of Pharmacy as an alumnus? *Purdue has invested in me tremendously and as a lifetime Boilermaker and Pharmacy graduate, financial contribution and being active in my local alumni chapter will go a long way in preserving our rich legacy. My success in the College would not have been possible without the support of the Multicultural Programs under the direction of Ms. Jackie Jimerson. My support of the continuous success of the program (now Multicultural Association of Pharmacy Students) will always be important.*





Preceptor Perceptions



DR. CINDI KOH-KNOX
Clinical Associate Professor of Pharmacy Practice



Born and raised in West Lafayette and the Purdue community, Dr. Cindi Koh-Knox serves as Clinical Associate Professor of Pharmacy Practice at the College of Pharmacy. She is also Faculty Liaison for Pharmacy Continuing Education and Professional Development and Director of the Nontraditional Doctor of Pharmacy Program at Purdue. As clinical faculty, she coordinates the PHRM 403 Integrated Lab V, which is in its last semester before the new curriculum replaces this lab. She also teaches in the Public Health course for P1s and assists in the creation and facilitation of many Professional Pharmacy Labs in the new curriculum. She has taken students on study abroad trips to Thailand and China and is very involved in the community.

Dr. Koh-Knox has served as a preceptor for Purdue for 15 years and currently precepts students in community corrections and academia. She is the faculty preceptor at Riggs Community Health Center, St. Elizabeth Advanced Wound Healing Clinic, and Family Health Clinics of Carroll and White Counties. She also serves as the clinical preceptor for the PGY2 Community Health/Education Pharmacy Residency program.

In her spare time, Dr. Koh-Knox enjoys crocheting, solving crosswords on Sundays, playing computer strategy games and poker, playing piano, cooking, and watching movies. She loves to mow her five-acre field on a zero turn

tractor while listening to '70s music. She is married with two grown children, three grandchildren, and three step-daughters and their families, which include five step-grandchildren. Another interesting bit of trivia? "I am the third daughter out of five girls, named with the third letter of the alphabet—yes, we are alphabetized—and born on the third day of the third month," she says.

How do you involve students in your rotation to advance patient care services?

Whether I practice on site or serve as faculty preceptor, I try to find opportunities for students to professionally develop as health care advocates. Although my rotations are listed as Ambulatory Care experiences, many students select them as electives. The unique patient bases allow them to see, hear, feel, and develop in ways that are not taught in school or represented in clinical guidelines. In most experiences, pharmacy interns are required to work independently and manage their clinic time and projects. Patient specific visits and follow-up calls are encouraged to provide continuity of care from the clinic to patient.

At the traditional ambulatory care sites (St. Elizabeth, Family Health Clinics, and Riggs), the rotation experiences involve rounding or accompanying physicians and nurse practitioners in the patient care visits. Patient education and medication counseling are provided by the pharmacy interns.

Brochures, drug information sheets, and in-services are developed and presented to the staff at the sites.

In the Community Corrections rotation, pharmacy interns are involved in all medically-related events with the participants (patients) who are nonviolent felons with addiction and mental illness. Participants are accompanied by the health care advocates (pharmacy interns) to provider appointments to facilitate communication between both parties. Education is provided not only to the participants but also the correctional team members to promote the need for health care advocates in the Forensic Diversion program.

A requirement for all of my rotations is documentation of patient/participant interventions and weekly reflections. Required activities at each site allow the interns to experience the setting from the patient's and health care provider's perspective. Since these sites do not have a paid pharmacist on staff, one of my goals of learning is for the pharmacy intern to consider the need of pharmacy services at the site. Through reflection writing, I am able to get a sense of professional development as original perceptions of the setting and patient population change from the experiences. I challenge each intern to consider working in the rotation setting and how a paid position might be established.

In the academic rotation experience, the interns are engaged in my responsibilities and projects with very little 'teaching assistant/grader'

responsibilities. I strive to expose them to experiences behind creative teaching approaches, reflecting from a student's and teacher's perspective, developing course material/lessons, and during the academic year, teaching or facilitation in classes. Some of the projects have been focused in pharmacy continuing education to emphasize the lifelong learning required of licensed pharmacists.

What's the most important advice you give students entering practice?

Through rotation experiences, I hope students learn to view patients and the health care system from all angles. Interns are asked to always work from their heart, consider all perspectives of the situations, and if they believe the actions are in the best interest of patients, make sure they contribute to the discussions and patient care as health care advocates. Student pharmacists should continue to develop personal and professional approaches to ensure that the health care system results in positive patient outcomes.

What is most rewarding about serving as a preceptor? *I have been able to expand my networking with former students when they become my peers. Working with people in general—students, patients, health care providers, and workers in the corrections field—is very enjoyable. When students/interns change their perspective of health and health care based on interactions with the underserved or criminal populations, or those various professionals, I feel they will have a more open-minded approach to patient care that is not necessarily taught in our program. I thoroughly appreciate the professionals who interact or precept the interns and, through the rotation experiences, I am able to promote the profession of pharmacy. Pharmacy interns are not expected to emulate my approach or 'be like me,' but it is very rewarding to be able to influence their development through unique and different experiences.*



Tate Trujillo Receives

Sperandio Award



Tate Trujillo (PharmD 1996) is the 2013 recipient of the *Glen J. Sperandio Award for Advancement of Pharmacy Practice*. The award recognizes a licensed pharmacist with a minimum of 10 years of service to the profession who is an alumna/alumnus of the 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. **"There have been high standards set by previous recipients of the Sperandio Award, and I am honored to have been considered achieving those high standards,"** says Trujillo.

Dr. Trujillo is the Director of Pharmacy at Indiana University Health Methodist Hospital where he is responsible for all pharmacy services within Methodist Hospital, the Neuroscience Center, and many ambulatory care clinic sites around Indianapolis. In addition, he is the Pharmacy Residency Program Director for the Post-Graduate Year 1 (PGY1) program with 14 residents. In total, there are 26 pharmacists in post-graduate training that he has oversight. "What I love most about my position is being able to advance the practice of pharmacy by expanding pharmacy services to new areas and in the end providing better patient care. Expanding pharmacy and improving patient outcomes is a daily goal of mine."



Dr. Trujillo was presented the Sperandio Award by Dean Craig Svensson on November 19, 2013

News From Continuing Education and Professional Development



Dear Alumni,

Happy New Year! I hope you had a wonderful holiday season and are ready for an exciting 2014!

I had the opportunity to attend the ACPE Continuing Pharmacy Education (CPE) Conference a few months ago. The theme was “Navigating the Waters of CPE” which was quite apropos. CPE is in an era of change as we all continue to do more with less while enhancing existing and/or building new collaborative “bridges” with our ultimate goal being to provide CPE that meets the needs of a rapidly evolving healthcare system.

The workshops featured topics that are consistent CPE themes...engaging adult learners, improving learner cognition through innovative technological platforms, and assessing evaluation tools. Although these sessions provided methodologies that will enhance our current processes, the topic that resonated for me was the thrust this year in breaking down the silos between the various practitioner roles to strive for an interprofessional team approach to continuing education with the ultimate goal of improved patient care. Key points shared included the following:

- **Steven T. Simenson, BSPHARM, FAPhA, FACA, FACVP, President – APhA**

Steve addressed the need for continuing professional development from a collaborative team-based care approach. He noted that the gaps in continuing education include the areas of building professional relationships, physical assessment, participation in coordinated care, dealing with difficult healthcare providers, and learning how to become a team player.

- **Timothy Welty, PharmD, FCCP, BCPS, Professor and Chair – Department of Clinical Sciences at Drake University’s College of Pharmacy and Health Sciences**

Tim has been a member of the task force drafting competency guidelines for CE administrators in conjunction with the Alliance for Continuing Education in the Health Professions (ACEHP). He stressed the importance of interprofessional education through the

establishment of a recognized set of competency areas to strengthen the healthcare professional and/or organization. The basic principles of these competencies are focused on patient outcomes and the belief that a single individual does not need to possess all of the competencies as long as all of the competencies exist within the organization. To adapt to this change, it is suggested that pre-pharmacy and PharmD programs form the foundation for CPE/CPD (Continuing Professional Development), which is then maintained, updated, and expanded throughout the professional’s career.

Not only has the pharmacy profession witnessed changes over the past several years in the areas of regulatory oversight, the job market, pharmacy education, pharmacy practice models, technology, and electronic health records as well as e-prescribing, but the pressure to change remains in the forefront as the profession continues its transition due to these issues, keeping the industry in a state of flux. It will be more important than ever to ensure you are selecting CPE/CE that stretches your boundaries and tears down the silos, thus enabling you to strengthen your competencies and embrace a collaborative approach in doing so.

It is our hope that the activities that are already a part of our CE program, as well as the new initiatives we are developing, will meet your needs as you “navigate the waters” in building your own portfolio, which will continue to enhance your personal professional development.

Marlene



Marlene O. Heeg

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



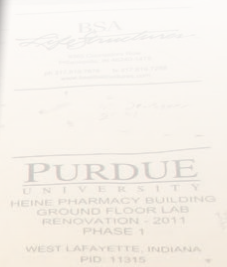
IPPH hosted an open house for all in the College of Pharmacy to tour the newly renovated spaces on April 26, 2013

After three years of planning and more than a year of construction, Phases I and II of the renovations to the ground floor laboratories and student offices have been completed, and occupancy took place in August 2013. The new construction includes an open-concept lab design with a climate-controlled area for solids processing, a chemical analysis area, and a separate area for student seating. Mechanical upgrades improved air handling, lighting, safety, and security. The Department of Industrial and Physical Pharmacy was excited to offer the pharmaceutical manufacturing course (IPPH 562) in the new manufacturing suite at the start of the fall semester.

IPPH has also received funding from Purdue that will allow renovation of G57 and G59. This will become "Phase III" of the overall project. Design for Phase III will occur in 2013 with construction to begin late in 2013 or 2014. To view photos and videos of the finished phases, and to keep informed on the last phase of the renovation, please visit www.ipph.purdue.edu/renovations.



IPPH Ground Floor Renovations Completed



Catching Up With Mary M. Losey

Purdue Pharmacy Faculty Emerita



Mary Losey served as a Pharmacy Practice faculty member and Director of the Office of Student Services for 33 years until her retirement in 1999. During her tenure, she also advised Kappa Epsilon for 25 of those years.

Mary is a graduate of Purdue, having received both her BS and MS degrees in Pharmacy. She enjoyed math and chemistry in high school and knew she wanted to work in a profession that helped people. "We had a lot of medical problems in my family, so that also sparked an interest in medicine," she says. "When I had the chance to work in a drug store (as we called pharmacies in those days), I realized this career would fit my interests."

When asked what she found most appealing about academic advising during her Purdue career, she says she loved getting to know students one-on-one and watching them grow from their pre-pharmacy years to graduation. "Many of these students became very good friends of mine. It also was important to me that students received accurate answers to their questions and always knew that there was someone who would listen to them." Over the years, she loved seeing students succeed. It was particularly satisfying to see a student graduate after watching him/her struggle with courses in the curriculum. She enjoyed working with children of her classmates and later children of former students. It was rewarding to watch students approach a situation that they were told couldn't be done and then having



them say "we can do this," and then doing it. "Students brought so much energy to us. It helped keep me young!"

Mary continues to reside in West Lafayette, her home for 70 years. Retirement allows her to do what she wants, when she wants. "My favorite thing about retirement is not having to set my alarm clock, as I've never been a morning person. I have some mobility problems, so I don't move very fast...but I still move!"

"We're heading into basketball season, and those who know me know I love basketball," she says. She still enjoys her season tickets for the Purdue Women's Basketball games. After 46 years, she gave up her Men's season tickets, but still watches and/or listens to all home and away games. She belongs to a service club that currently focuses on literacy and helps at a child care center for children whose parents are enrolled in classes to better themselves by getting a GED or learning English or similar topics. "I love helping the children with their homework and reading them stories."

Mary also enjoys quilting and is quite active in the local Quilt Guild. Several years ago, she joined the Art League and has enjoyed learning more about art. Reading is her favorite pastime with most of the books being cozy mysteries.

"I always love seeing our graduates at various events," comments Mary. "If you do see me, please reintroduce yourself as I remember faces, but not always names."

Mortar & Pestle

The Purdue College of Pharmacy E-Newsletter

The College now has an additional way of keeping you connected. *Mortar & Pestle*, our electronic newsletter. Many of you have already had the opportunity to view it, but many haven't because we don't have a current e-mail address on record. If you don't want to miss out on all that is going on with the College, please send us an e-mail at mortarandpestle@purdue.edu so we can add you to our distribution list. You can view our current issue online at www.pharmacy.purdue.edu/newsletter.

Stay connected! Update your e-mail address with the College of Pharmacy!

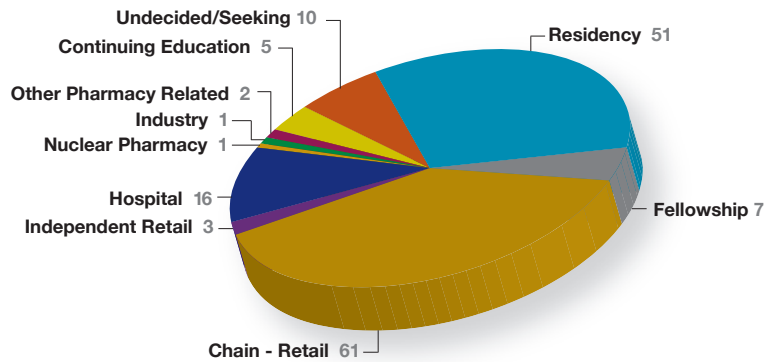




2013 Employment Surveys

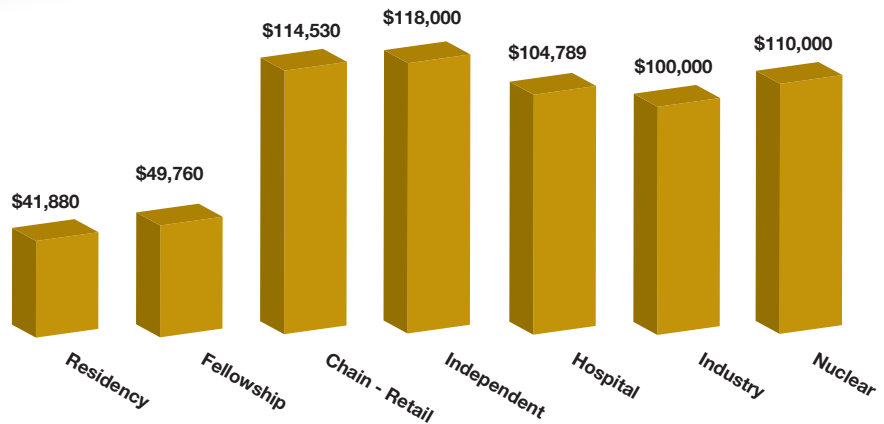
Purdue University College of Pharmacy Class of 2013 Commitment Information

PharmD

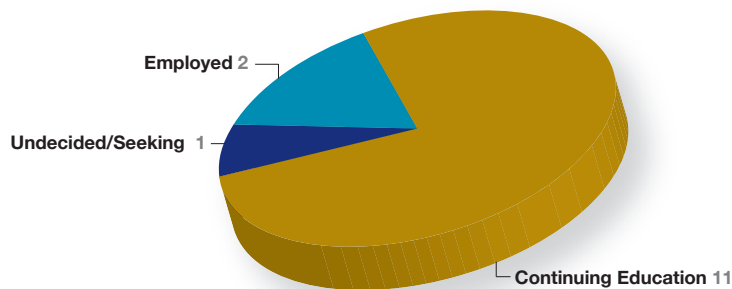


PharmD Employment Offers	Average	Range
	2	1-3

Location	Indiana	Other
	103	38



BSPS



Employment Type	Avg. Salary
Fellowship	\$40,000
Hospital	\$45,000

BSPS Employment Offers	Average	Range
	1.5	1-2

Location	Indiana	Other
	2	0

Faculty & Staff News

Dr. Kyle Hultgren (PharmD 2006), Director for the Center for Medication Safety Advancement (CMSA), is the recipient of the 2013 *Glen Sperandio Health-System Pharmacist of the Year Award* by the Indiana Society of Health-System Pharmacists, an academy of the Indiana Pharmacists Alliance. This award, given annually by the society to a practicing health-system pharmacist, recognizes superior achievement and services of a deserving individual and is an honor to the recipient as well as to his or her co-workers and institution. Recipients must exemplify pharmacy professionalism and have demonstrated outstanding service in pharmacy practice, professional organizations, service to the community, and services/interaction with other health care workers. Dr. Hultgren was presented the award during the Indiana Pharmacists Alliance (IPA)/Community Pharmacists of Indiana (CPI) Joint Annual Convention in Indianapolis in September.



Deanna Kania presents the *Glen Sperandio Health-System Pharmacist of the Year Award* to Kyle Hultgren

The College of Pharmacy's Center for Medication Safety Advancement (CMSA) is delighted to welcome **Dr. Katelyn (Jensen) Brown** (PharmD 2013) to our team. Dr. Brown began her two-year term as Regulatory Pharmaceutical Fellow in Medication Safety on July 1, 2013. She is involved in CMSA's strategic initiatives, teaching in the College of Pharmacy, and various other medication safety-related projects. As part of her program, she will also be spending time at Eli Lilly in Indianapolis and the Food and Drug Administration in Silver Spring, Maryland.



Dr. Nicole Noel (PharmD 2008) joined the College of Pharmacy as the Director of the Purdue University Pharmacy in June 2013. Prior to this appointment, she served as a medication therapy management pharmacist at the Center for Healthy Living at Purdue University. "I am looking forward to enhancing the patient experience at the Purdue University Pharmacy, as well as the PharmD student experience by continuing to model the ever changing world of community pharmacy," says Noel. "We are moving toward these goals by undergoing a substantial remodel and updating our services, which will include web-based and mobile applications to request refills, for example."



Photo by Mark Simons/
Purdue University

Dr. Carol Post, Professor of Medicinal Chemistry and Molecular Pharmacology, is the recipient of the *Chaney Faculty Scholar Award*, the highest research award given to faculty by the College of Pharmacy. The award recognizes her discoveries



Photo by Rodney McPhail/
HR Communications

and work in understanding molecular structure and function in signaling proteins and viruses. The award was established through the generosity of JeanAnne (BS 1961) and James B. Chaney.

To read more, please visit www.purdue.edu/newsroom/releases/2013/Q3/post-wins-highest-award-given-by-purdue-college-of-pharmacy.html, "Post wins highest award given by Purdue College of Pharmacy," *Purdue News*, July 16, 2013.

Dr. Gloria Sachdev, Clinical Assistant Professor of Pharmacy Practice, is the recipient of the 2013 *Excellence in Innovation Award* for her innovative service to the profession and community. This award is generously sponsored by the National Alliance of State Pharmacy Associations and Upsher-Smith Laboratories, Inc. to recognize and honor a qualified pharmacist who has demonstrated significant innovation in their respective practice, method, or service directly or indirectly resulting in improved patient care and/or advancement of the profession of pharmacy. This award was originally introduced in 1993 as a way to honor innovative and pro-active approaches to enhanced patient care. The award, presented during the Indiana Pharmacists Alliance (IPA)/Community Pharmacists of Indiana (CPI) Joint Annual Convention in Indianapolis in September, recognizes Dr. Sachdev's promotion of new models of health care delivery and education that capitalize on pharmacists as vital members of the health care team.



Jeremy Thain (BS 1986), IPA President, presents the *Excellence in Innovation Award* to Gloria Sachdev



FACULTY SPOTLIGHT

Ellen Schellhase

Department of Pharmacy Practice

Dr. Ellen Schellhase serves as part-time Assistant Professor in the Department of Pharmacy Practice, and her primary focus is coordinating the Purdue Kenya Program. She works with students to prepare them for their APPE in Kenya, and actively works with faculty and colleagues on the ground in Kenya to provide patient care, develop care infrastructure, and train future leaders in global health.

Dr. Schellhase (PharmD 1999) and her husband, Greg (BS 1997, Education) have two very active children, Claire (age 9) and Owen (age 8). They spend a lot of their free time cheering for their children's sports team and attending their performances. She also enjoys traveling and scrapbooking.

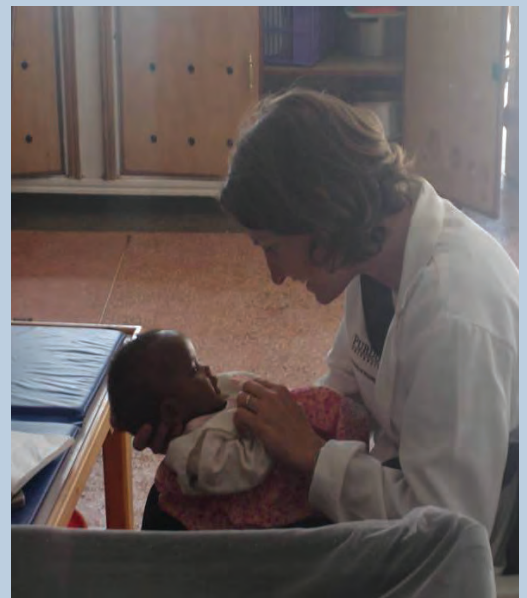
What first drew you to your chosen profession? *In junior high and high school I worked at my neighbor's pharmacy. I admired his relationship with his patients and the community. I was also drawn to the profession because of the variety of different career paths available for pharmacists.*

What is it that interests you most about your current work, and how do you hope to make a difference?

I truly enjoy my job and working on the programs we have developed within the Purdue Kenya Program. There are so many different patient care activities that there is never a dull moment. Our team is always working hard to improve the care we provide patients.

What do you enjoy most about working with the students and the people of Kenya?

It has been 10 years since we started the Purdue Kenya Program. It has been so rewarding to see the hard work of our faculty and students. What began as a program with a focus of student training has grown to include many faculty, staff, and learners all working together to develop and provide sustainable, quality healthcare. Over these past 10 years, the relationships I have developed, both personally and professionally, have motivated me to continue to give my best efforts each workday. I look forward to each visit to Kenya as a chance to renew these relationships and strengthen the program. I am lucky to be surrounded by such a great pharmacy team and am thankful for each member who contributes to the Purdue Kenya Program.



Ellen cares for an infant during a trip to Kenya

ALUMNI, STAFF & STUDENT ACTIVITIES

Pharmacy Alumni News



Greetings from Old Purdue!

As usual, the fall of 2013 semester has gone quickly but was full of wonderful activities and accomplishments for the College of Pharmacy. First, the *Pharmacy Technician Review* recognized the Purdue College of Pharmacy as best in its inaugural list of the top 75 pharmacy schools in the United States. The College could not have achieved this honor without our supportive alumni, the best faculty, and our outstanding students!

You are the top alumni on campus! Pharmacy alumni lead the University's alumni by leaps and bounds. Twenty five percent of our alumni are members of the Purdue Alumni Association, and twenty percent of our alumni give to the University. These numbers are the best on campus!

One of the best parts of the fall semester is welcoming our new class of students to the College. Our local alumni were able to help do that in August by attending a luncheon with the Class of 2017. Our new students had the opportunity to network with our alumni as they began to understand the importance of being part of the Purdue Pharmacy Family.

It was great to see so many of our alumni visit campus during Homecoming Weekend. We welcomed over 400 alumni back to campus. We were particularly glad to see the Class of 1963 on campus for their 50th reunion.

We traveled to Evansville, Indiana, in October to host an alumni reception at St. Mary's Hospital. We had forty Pharmacy alumni from the area join us!

Our numbers continue to grow in our LinkedIN group (*Purdue Pharmacy Alumni Group*), now totaling over 750 alumni and students, and we encourage you to join us if you haven't already done so. We also have a Facebook group (*Purdue Pharmacy Alumni*) where we share announcements about the College.

Hail Purdue, and I hope to see you in the spring!



Dana Neary
Manager of Alumni Relations & Special Events

P.S. Also, make sure you are receiving our e-newsletter, *Mortar & Pestle*, by subscribing at mortarandpestle@purdue.edu. For more pharmacy alumni news and information, please visit www.pharmacy.purdue.edu/advancement/alumni/.

ALUMNI, STAFF & STUDENT ACTIVITIES

2014 Pharmacy Events Calendar

DATE	EVENT
March 7	11th Annual Garnet E. Peck Symposium
March 29	Alumni and Friends Reception at APhA meeting in Orlando, FL
April 4	Pharmacy Distinguished Alumni
April 10-11	Pharmacy Women for Purdue University
April 12	Pharmacy Spring Fling
May 2	Pharmacy Graduation Banquet
May 3	BSPS Graduation Dinner
May 3	MAPS Cultural Celebration Luncheon
May 17	Pharmacy Commencement and Reception
June 6	18th Annual BoileRx Golf Classic

For more information regarding these events, please visit www.pharmacy.purdue.edu/events.php or contact Dana Neary, Manager of Alumni Relations and Special Events, at nearyd@purdue.edu or (765) 494-2632.

Class of 1963 Reunion

The Pharmacy Class of 1963 celebrated its 50th reunion during Homecoming weekend, September 27-29, 2013. Fourteen alumni returned and enjoyed reconnecting with campus and their classmates at several events throughout the weekend (see more on pages 2-3), ending with breakfast together on Sunday morning.



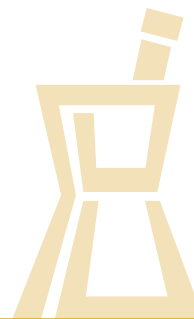
Class of 1963 alumni (L to R) Bob Kamman, John Nine, Mary Ference Bassett, Terry Cole, Don McCartney, Ed Smosna, Gene Saulis, Gary Jacobi, and Alan Gates



PWFP attendees gather at the home of alumna Valerie Gaylor

Pharmacy Women for Purdue

The Pharmacy Women for Purdue (PWFP) were excited to hold two events this fall. On October 9, 2013, the women met in Lafayette in the Pharmacy Suite at Ross Ade Stadium on campus. On October 22, the group gathered at the home of Valerie Gaylor (BS 1979, PharmD 1985) in Fishers, Indiana. Twenty female 4th year professional PharmD students attended the events in order to gain insight about the interviewing process, writing resumes and cover letters, negotiating salaries, applying for residencies, and obtaining recommendation letters. If you are a Pharmacy alumna who would like more information about Pharmacy Women for Purdue, please contact us by email at dev@pharmacy.purdue.edu or call (765) 494-1370.



ALUMNI, STAFF & STUDENT ACTIVITIES



Purdue Pharmacy faculty and students interacted with hundreds of fairgoers throughout the day

Purdue Day at the Indiana State Fair

Purdue Day at the Indiana State Fair is noted for the strong black and gold presence and the variety of Purdue exhibits. The midway is traditionally set up with booths for each College or School to publicize its achievements, its programs, or whatever else they desire. The College of Pharmacy was pleased to participate once again on August 9, 2013, with blood pressure assessments, glucose and lipid testing and counseling, cardiovascular risk assessment, and information on gastroesophageal reflux disease, medication safety, and smoking cessation.

The College had approximately 20 students, three ambulatory care residents, and four faculty who provided services at the event. 275 blood samples were drawn for the glucose and lipid analysis and 300-350 blood pressures were obtained. Note that students who performed blood sampling were certified to do so. Information was provided on the health risks associated with high blood glucose, elevated total cholesterol, and elevated blood pressures. Recent graduate, Jesse Christman (PharmD 2013), created a computer program for heartburn risk in which the user selected favorite foods in a variety of categories and then was presented with a number representing the risk/likelihood for heartburn. This was very well received by several participants.

For the first time at the fair, we added hemoglobin A1c assessment which determines the patient's blood glucose control over the past three months. We performed this new point-of-care (POC) test on any person who had blood glucoses over 250 mg/dL. We performed this on only four people which surprised us given the content of "fair food." Two readings came back "normal," i.e., less than 6.5%, and a third came back high at 7.2%.

The fourth was taken after three blood glucose readings were administered over a six hour period. The participant first visited the booth at 2:45 p.m. and had a reading of 453. He left our booth thinking it couldn't be possible and not wanting to hear more, but he did, however, return at 6:30 p.m. and had a reading of 354. He returned again at 8:40 p.m. with a reading of 308. After discussing these results with the students, the participant realized this was serious. We ran a hemoglobin A1c and had a reading of 12.7. We questioned him about other signs of hyperglycemia, but he denied any other signs. We referred him to see his family physician as soon as possible. All in all, it was a very successful day at the fair, and the College appreciates all who participated.



MAPS Luncheon

The Multicultural Association of Pharmacy Students (MAPS) held its kick-off celebration on August 17, 2013. This annual luncheon provides an opportunity for all students in the MAPS program to meet prior to the start of classes, and students are greeted by the Dean and Senior Associate Dean of the College. Students spend the afternoon involved in network opportunities that foster a sense of community. This event is open to all MAPS participants from Pre-Pharmacy through P4 and BSPS students.

ALUMNI, STAFF & STUDENT ACTIVITIES



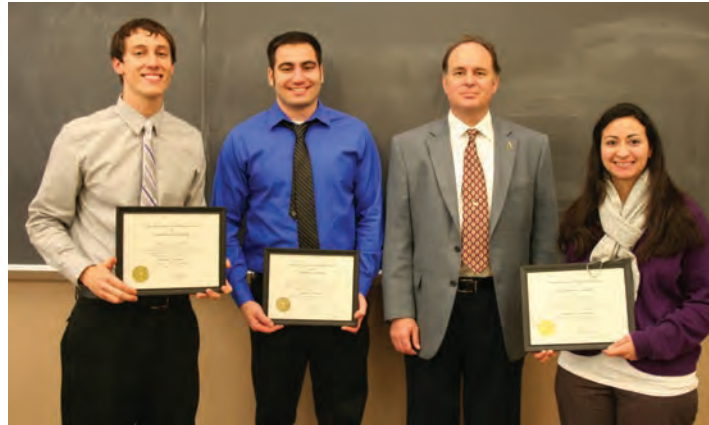
Marisa Sauer asks questions of students at the Pediatric Pharmacy Education Done by Students (PPEDS) table

Pharmacy First Nighter

The Pharmacy First Nighter was held on September 4, 2013, and hundreds of Pharmacy students participated in this annual event. Students had the opportunity to learn about the College's student organizations, and nineteen student organizations were represented. The Pharmacy Alumni Board was available to share information with students about this fall's "Conversations with Alumni" series (see page 26). The College extends its gratitude to CVS for sponsoring this event and to Marco's Pizza for providing the great food!

Graduate Student Award Symposium

The annual College of Pharmacy Graduate Student Awards Symposium was held on November 7, 2013, in the Lawson computer sciences building on campus. The 2013 recipients of the *Albert and Anna Kienly Awards for Outstanding Teaching by a Graduate Student* are: **Kevin Boksa**, Department of Industrial and Physical Pharmacy; **Marwa Noureldin**, Department of Pharmacy Practice; and **James Woods**, Department of Medicinal Chemistry and Molecular Pharmacology. The 2013 recipients of the *Jenkins-Knevel Awards for Excellence in Research* are: **Eun Kyoung Christina Chung**, Pharmacy Practice; **Joseph Kasper**, Medicinal Chemistry and Molecular Pharmacology; **Trung Nguyen**, Medicinal Chemistry and Molecular Pharmacology; and **Shweta Raina**, Industrial and Physical Pharmacy.



Associate Dean for Graduate Programs Richard Gibbs with the Kienly Award recipients (L to R) Kevin Boksa, James Woods, and Marwa Noureldin



Associate Dean for Graduate Programs Richard Gibbs with the Jenkins-Knevel Award recipients (L to R) Christina Chung, Shweta Raina, Trung Nguyen, and Joseph Kasper

ALUMNI, STAFF & STUDENT ACTIVITIES

Evansville Alumni Reception

The College of Pharmacy traveled to Evansville, Indiana, in October 2013 to host an alumni reception at St. Mary's Hospital. We were pleased to have forty alumni from the area join us. During the event, Dean Craig Svensson gave a brief update on the College and enjoyed visiting with everyone.



(L to R) Pharmacy student Lauren Schuler, John Toy (PharmD 1997), and Heather Weidenbenner



Bob Gibson (BS 1969) and Ray Lamey (BS 1981)



Holly Jahn (PharmD 2010) wins a door prize

Conversations with Alumni

Conversations with Alumni aims to expose pharmacy students to different career opportunities and to have them network with alumni. Sponsored by the Pharmacy Alumni Association Board and Phi Lambda Sigma, these sessions offer pharmacy students and alumni an opportunity to interact in an informal setting, and students are encouraged to come with questions. The College of Pharmacy extends its appreciation to the following individuals who participated this fall.

Clinical Trials – September 10, 2013

Dr. Wenda Zick (BS 1995)

Ambulatory Care – October 2, 2013

Dr. Ed Battjes (PharmD 2010)

Dr. Ed Sheridan (Purdue Preceptor)

Residencies and Fellowships – October 16, 2013

Dr. Bill Malloy (BS 1976)

Dr. Katelyn (Jensen) Brown (PharmD 2013)

Dr. Jennifer O'Callaghan (PharmD 2012)

Dr. Chelsea Pekny (PharmD 2013)



Dr. Wenda Zick (center) visits with pharmacy students after her discussion on clinical trials

Greg Wasson *Selected as Old Master*



For over half a century, Purdue University's Old Masters Program has connected generations of Purdue students with outstanding men and women in a vast spectrum of fields. In sharing their dreams, goals, and life experiences, Old Masters have made a profound and indelible contribution,

inspiring tomorrow's leaders to explore the possibilities that the future brings. The College of Pharmacy is pleased to share that Gregory D. Wasson (BS 1981) was selected to participate as an Old Master in November 2013. "Being a Purdue Old Master means a great deal to me, in spite of the reminder that I'm old," Wasson says. "I got my start at Purdue with terrific education and training, with unforgettable professors and classmates—including my wife, Kim—and never thought I would be where I am today. Best of all, both of our daughters and our son-in-law are Purdue Boilermakers—I guess we like to keep it all in the family. I appreciate the chance to put my great Purdue education to work, learning business acumen and thinking skills. Between my dad's advice and my Purdue education, I was blessed with the chance to start off with a real competitive advantage."

Greg is President and Chief Executive Officer of Walgreen Company. After serving as a Walgreens pharmacy intern in 1980 prior to graduating from Purdue, he began his 30-year career at Walgreens by managing several Walgreen drugstore locations in Houston, Texas. In 1986, he was appointed a district manager and went on to manage the Milwaukee, Boston, and Las Vegas markets until 1999 when he was named a regional vice president of Store Operations and returned to company headquarters in Deerfield, Illinois. In 2001, Greg began his tenure as Vice President, Executive Vice President, and President of Walgreens Health Initiatives, Walgreens pharmacy benefit management division. In 2004, he

was appointed a senior vice president and shortly after an executive vice president. In 2007, he was named President and Chief Operating Officer, and appointed CEO in 2009. Today, Greg is leading Walgreens to transform the role of community pharmacy in America and to create the first global, pharmacy-led health and wellness enterprise with Walgreens strategic partners Alliance Boots and AmerisourceBergen.

Greg is a member of numerous boards of directors and serves on several civic and charitable organizations. He is the 2014 chair of the American Cancer Society's Discovery Ball, and among the many honors he has received are the *American Cancer Society's Corporate Impact Award for Excellence* and *Chicago United's Bridge Award*. In 2009, Greg was named a Distinguished Alum by the College of Pharmacy and served as a speaker at the 7th Annual Garnet E. Peck Symposium at Purdue. Greg and Kimberly (BS 1981) reside in Illinois.

More information about the Old Masters Program can be found at www.purdueoldmasters.org.



Greg Wasson (center) visits with student pharmacy leaders during a luncheon hosted by Phi Lambda Sigma

CLASS NOTES



1960-1969

In September 2013, **Wayne Richey** (BS 1963) and his wife, Marcia, enjoyed a safari to Kenya, Africa, where they visited the Mara Serena Lodge at Maasi Mara National Reserve (pictured above). The couple had a wonderful time and looks forward to traveling to Tahiti in January 2014 with the Purdue Alumni Association.

1980-1989

Linda (Walters) McElhiney (BS 1984) has authored and published the first reference for ophthalmic compounding in 20 years, *Guide for Ophthalmic Compounding*, and it is available through APhA. In the spring of 2013, she completed the ASHP Pharmacy Leadership Academy, and she is currently focusing on pharmaceutical policies and outcomes as a graduate student in the Masters program at the University of Florida. Linda also represented Indiana alumni at the 2013 Kappa Epsilon Biennial Convention where she was the recipient of the *Order of the Scroll Award* (see group photo below).

1990-1999

Holly Isenhower Bottoms, MD



(PharmD 1996) is currently Chief of Primary Care and Assistant Director of Women's Health at the William S. Middleton Memorial Veterans Hospital

in Madison, WI. She is also Associate Professor of Medicine at the University of Wisconsin School of Medicine and Public Health. She shares that she is delighted to be working with PharmD residents, many of whom are Purdue Pharmacy graduates. "I am working with PharmD residents in women's health medication management and quality improvement, anticoagulation protocols, opioid prescription drug monitoring, as well as lipids, hypertension, and diabetes management with added motivational interviewing and panel management, just to name the current projects. I continue to be impressed with our PharmD resident's ability to think clearly, communicate succinctly, and focus on the needs of the patient."



Brenda (Grass) Acker (BS 1980) submitted a photo that was taken when collegiate and alumni members of the Pi Chapter attended the 49th National Convention of Kappa Epsilon Fraternity held in Richmond, VA, in July 2013. (Front Row L to R): **Christine Kane** (Class of 2016), **Emily Acker** (Class of 2015), **Margaret Haehl** (BS 1972), and **Linda McElhiney** (BS 1984); (Back Row L to R): **Heather Harnvanich** (Class of 2016), **Jaelyn Morris** (Class of 2016), **Jane Hammock** (BS 1972), **Brenda Drake** (BS 1981), **Sandy Hughes** (BS 1972), and **Brenda Acker**.

Amelia (Yackus) Holloway (PharmD 1999) and her husband, Christopher (BA 1997, Liberal Arts) welcomed twin girls to their family on July 19, 2013. Sophia Noelle and Cecelia Rose join big sister



Madeleine Grace (3), who is excited that she now has two baby sisters!

2000-Present

In September 2013, the Disque Foundation partnered with the Floating Doctors organization to bring medical relief to remote coastal communities of the world. Participants assisted in delivering medical assistance to local villages near Bocas del Toro, Panama. **Karl "Fritz" Disque** (PharmD 2002) is the Executive Director for the Disque Foundation, a nonprofit organization founded on a mission to advance the quality of health care and education to underserved regions, both domestic and abroad, and to inspire others to live inspired lives.

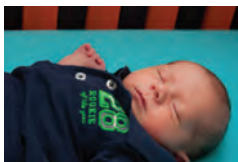


Disque creates a spacer for an inhaler from a Gatorade bottle

While on the trip, the group provided medical care to three local villages: Ensenada, Bahia Azul, and Via Escondido. During their visit, they saw over 250 patients and transported two local children to the Bocas del Toro Hospital for more specialized care. A majority of patients were treated for routine medical issues that would normally be quickly treated in the U.S., but due to lack of accessibility in Bocas del Toro, patients suffered for weeks before getting necessary treatment. You can learn more by visiting www.disquefoundation.com.

Lisa (Kampschmidt) Lasita

(PharmD 2007) and her husband, Jeffrey,



welcomed their first child, Brayden Robert, into the world on June 29, 2013.

Nicole (Findlay) Noel (PharmD 2008) and her husband, Mike (BS 2005, Electrical Engineering), are pleased to announce the birth of their daughter, Avery Elizabeth, on July 3, 2013. You may read more about Nicole's appoint-



ment as the Director of the Purdue University Pharmacy on page 20.

Maria Papadakis

(PharmD 2002) married Constantine Adamopoulos on August 24, 2013. The couple resides in Crown Point, IN.

Chris (BS 1999, Electrical Engineering) and **Corry (Jones) Pate** (PharmD 2001) welcomed their first child, Grayson Blake, into the world on July 21, 2013.



IN MEMORIAM

Ray J. Bean (BS 1958)

Lynne K. (Nerell) Bond (MS 1977)

James L. Geiss (BS 1957)

Roy L. LaFollette (BS 1954)

Kimberly Ply McDonough (PharmD 1982)

Barbara A. Nelson (BS 1963, Distinguished Alumna 1987)

Joseph M. Ponist (BS 1947)

Everett O. Riffey (BS 1965)

Carolyn V. Shaffer (BS 1966)

C. Richard Stanley (BS 1959)

Charles R. White (BS 1958)



Stay Connected!

**Moved? Started a new job?
Retired? Just married?
Had a baby?**

Share your news with us by completing the online form at www.pharmacy.purdue.edu/update or

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575 Stadium Mall Drive
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FAX: (765) 494-9587

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used based on appropriateness and space availability and will not be returned. Please direct Class Notes inquiries to Amy Chandler, Editor, at chandler@purdue.edu.

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The College of Pharmacy welcomed the Class of 2017 to the pharmacy family on September 15, 2013. We were honored to have Thomas E. Menighan, Executive Vice President and CEO of the American Pharmacists Association, serve as the keynote speaker. Over nine hundred people gathered in the Loeb Theater on campus to share in this special ceremony as faculty assisted the class with donning their white coats. The College also extends its appreciation to Kroger Pharmacy for sponsoring this memorable event.

White Coat Ceremony

Dr. Tonglei Li assists Ashley Brost with her white coat

