# CIST

Spring & Summer 2012 | Volume 88, Issue 1





#### FROM THE DEAN



As pharmacists and pharmaceutical scientists, we are all well aware of the fact that creating an effective pharmaceutical product requires a diversity of ingredients. The relative amounts of these ingredients may vary, but all are important. In like manner, producing the next generation of leading pharmacists and pharmaceutical scientists requires the engagement of a diverse set of people.

First and foremost, we must recruit and retain leading faculty that will provide the critical instruction that serves as the foundation for all that we do. In this issue of *The Purdue Pharmacist* we are delighted to introduce Dr. Tonglei Li, the first Allen Chao Chair in Industrial and Physical Pharmacy. You will also read about some of the path breaking research being conducted by Dr. Lynne Taylor, who is providing critical insight into the molecular interactions that influence the stability of pharmaceuticals. Having completed a long and successful academic career, we are pleased to highlight Dr. Donald Bergstrom as he begins a new chapter in life.

Second, we must recruit and retain a student body that demonstrates academic excellence and represents the growing diversity of the population that our graduates will serve. The celebration of our Multicultural Programs that serves as our cover story reminds us of our progress, but also that much work remains.

Third, we must develop and maintain an environment in which faculty, staff, and students can excel. This includes both our physical and intellectual environment. The present issue highlights some of the achievements in these areas, including the creation of an executive conference room (Thank you Jeannie and Jim Chaney!) and bringing world renowned speakers to the College.

Fourth, we must engage our alumni in this great enterprise of preparing the next generation. In multiple articles, you will learn of how alumni are giving back by returning to campus to speak to students, serving as preceptors, organizing fundraising events, and giving monetarily to support initiatives.

Blended together, these ingredients produce graduates who will impact the world. Several articles about recent, and some not so recent, graduates round out this issue to illustrate the fruit of the combined work of the entire Purdue Pharmacy Family. Thanks for your part in supporting the Family!

Hail Purdue!

CRAIG K. SVENSSON, Dean

Postscript: Prior to The Purdue Pharmacist going to press, the Board of Trustees appointed Indiana Governor Mitch Daniels as the 12th President of Purdue University. You can read about the appointment in the link from the front page of the University webpage (www.purdue.edu).

#### THE PURDUE PHARMACIST Volume 88, Issue 1 (Spring & Summer 2012)

#### **ADMINISTRATION**

Craig K. Svensson

Dean, College of Pharmacy

Steven R. Abel
Associate Dean for Clinical Programs

Eric L. Barker Associate Dean for Research

Robert L. Geahlen
Associate Dean for Graduate Programs

Holly L. Mason Senior Associate Dean

#### **DEPARTMENT HEADS**

James E. Tisdale Interim Head Pharmacy Practice

Richard F. Borch Medicinal Chemistry and Molecular Pharmacology

Elizabeth M. Topp Industrial and Physical Pharmacy

#### ADVANCEMENT OFFICE

Amy K. Chandler Writer/Editor, Pharmacy Alumni Publications chandler@purdue.edu

Angela R. Davis

Manager of Stewardship & Donor Relations

Dana Neary

Manager of Alumni Relations & Special Events

Nathan L. Wight Director of Advancement

College of Pharmacy Purdue University Heine Pharmacy Building, Room 104 575 Stadium Mall Drive West Lafayette, IN 47907-2091 (765) 494-1361 (765) 494-7800 Fax www.pharmacy.purdue.edu

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.

© 2012 by the College of Pharmacy at Purdue University. All rights reserved. No part of this publication may be reproduced or duplicated without the prior written permission of the publisher. While every effort has been made to ensure the accuracy of the information included in this publication at the time of printing, the publisher shall not be liable for damages arising from errors or omissions. Purdue is an equal access/equal opportunity university.

Spring & Summer 2012







**Chaneys Fund Conference Room Renovations** 

**Dean's Pharmacy Executive Forum** 

**Li Named Allen Chao Chair in Industrial and Physical Pharmacy** 

**Commencement Celebrations** 

**Donor Brunch Celebration** 

**David W. Bates** 2011 Varro E. Tyler **Distinguished Lecturer** 

20

**The 16th Annual BoileRx Golf Classic** 

**The Purdue Kenya Program Residents Visit America** 

**Pharmacy Alumni Association (PhAA) News** 

Fall 2012 Admission Statistics

John Rose (PharmD 2004) Providing Over the Counter Assistance... Without the Counter

18

**Preceptor Perceptions** 

23

Update on the Lilly Endowment, Inc. Grant

Giving Back Through Planned Giving

Alumni Profile: Jerome "Jerry" Mincy

Faculty & Staff News

35

Alumni, Staff & Student Activities

38

Class Notes

ON THE COVER: **Multicultural Programs** Celebrates





## Multicultural Programs Celebrates

Formed in 1992 as the Office of Minority Programs, its mission was and remains today to enhance the success and professional development of program participants, and to promote cultural awareness and understanding within the College. In October 2011, the College of Pharmacy held a celebration to commemorate the 20th anniversary of Multicultural Programs (MCP). The celebration brought together alumni, faculty, staff, and students for the purpose of energizing the program and preparing for the future of MCP. The College would like to continue that celebration by reflecting on the program and its leadership and setting the course for future successes.



Jackie Jimerson and Nate Milton at the MCP celebration

"MCP has significantly influenced the College in two ways. First, today's students have a very different experience than my experience. When I was a student, there was no MCP. The feeling of inclusiveness and efforts to integrate underrepresented students into the College did not exist. MCP created a community that fostered student professionalism, academic success, and inclusiveness. Ms. Jimerson's holistic approach focused on students not just obtaining a pharmacy degree, but obtaining a Purdue degree. The program provided networking opportunities, an expectation for high standards, and encouragement that cultivated student success. As a result, MCP students are some of the brightest and best in the College.

Secondly, MCP has advanced the value of diversity within the College. The College's Vision Statement states 'providing access for a diverse student population' and 'knowledge of cultural differences in healthcare delivery and effectiveness' are important objectives and indicators of the College's success. MCP has had a broader impact on the education of all students as healthcare professionals, and I look forward to the program's continued success."

Nathaniel "Nate" Milton (BS 1989, PhD 1995)

Minority Advocacy Council Member, College of Pharmacy

"I joined MCP as a freshman, although I can honestly say I have been attending MCP events since I was a baby due to my parents' [Charles and Sarah Sanders] involvement with the Minority Advocacy Council. I never realized I would actually become one of those students.

MCP provides a network of peers that is more like family, and we all support each other through pharmacy school, whether it's through providing advice on how to study for certain pharmacy courses, input on what rotations to rank, or just taking time to relax on a study break.

I've helped organize events where people are coming from off-campus to interview at Purdue and based on their feedback, just having them meet and converse with people already in the program who have been in their shoes made them think more highly of Purdue. They were able to see the support system, and I saw that as a freshman, as well."





Kimberly Sanders (2nd from left) with fellow MCP students at the October celebration

The College of Pharmacy has graduated over 284 African-American, Hispanic, and Native Americans since 1938. Of those, over 176 have graduated since the inception of MCP in 1992—that's 62% of all underrepresented minority (URM) students. On average, MCP has a higher first-year retention rate compared to Purdue's general population and other URM students at Purdue. The key to our success is community, professionalism, integration, excellence, and proactive counseling.

"First thoughts that come to mind when thinking of MCP are 'projecting excellence.' These are Ms. Jimerson's words, and she played an instrumental role in me not only joining MCP, but also coming to Purdue. MCP values diversity and empowering its members to strive for excellence in the classroom and community. In my time with MCP, we have participated in health fairs at Hanna Community Center in Lafayette and mentored underclassmen in academics as well as life. I also have grown to better appreciate my role in a diverse workplace and learned how to give back in ways to better uplift my community."

William Jackson 4th Year Professional PharmD Student

"Through MCP, I had the chance to meet, work, and collaborate with great people on multiple projects. I was fortunate to be surrounded by individuals from all over the world who brought their different cultural backgrounds to share with the members of MCP. Not only did they learn from me, but I learned from them multiple times over. Above all, we were all pharmacy students, and being part of MCP allowed me to have classmates and colleagues to go through that journey together."

Mongkon "Minkey" Wungwattana (BS 2011) PGY1 Pharmacy Resident, Indiana University Health in Indianapolis

SUPERVALU representatives attend the MCP Celebration in October (L to R) Bobbie Riley, Chris Dimos, Jackie Jimerson, Nikki Price, Steve Keen, Dean Craig Svensson



"One of the pioneers of Osco Drug, Sam Skaggs, recognized the importance of diversity after he noticed that his pharmacists didn't always culturally represent the community where they practiced, and he wanted to change that.

My first trip to Purdue was in 1995 when Osco Drug presented a proposal or vision of a multicultural program. We had high expectations and offered little more than financial backing and moral support. Jackie Jimerson and Dean Rutledge SHARED THAT VISION and Jackie MADE IT HER MISSION!

We went on to start other diversity programs with several universities, but none compare to the program Jackie and Purdue has built. The graduates of this program are balanced, well-rounded, and are sought after by many. As other companies grew to understand what this program did to support and prepare multicultural students, they began to not only seek these students out, but also support financially.

A quote I have used to describe MCP at Purdue by Andres Tapia is: 'Diversity is the Mix...Inclusion is making the mix work.' We came to Jackie and Purdue with a need for the mix....and this Multicultural Program makes the mix work."

**Bobbie Riley** *Vice President of Pharmacy Operations, SUPERVALU Pharmacies* 

Class of 2011 MCP graduates recognize Jimerson for the impact she has made

# Jackie Jimerson Celebrating 20 Years of Service



Jackie Jimerson was appointed as Director of Minority Programs in 1992. During her tenure in Pharmacy, she has invested countless hours to helping students. She brought to her position her own personal strategies and accomplishments for having succeeded as a minority student at Purdue during the 1970s. She says her primary goal has been to help students adjust to life at Purdue, to be comfortable and confident within their community, and to achieve success. The College extends its sincere gratitude to Jackie for her dedication during these past twenty years. She will celebrate her official retirement in October 2012.

#### In Her Own Words

#### What have you enjoyed most about serving as Director of MCP over the years?

The community within the School/College of Pharmacy, faculty, staff, alumni, and corporate representatives who support program initiatives and students while also serving as advocates for diversity. The support of the Deans of the School/College of Pharmacy is integral and critical in developing program components, nurturing students' and parents' commitment, and building the foundation for success.

#### What one accomplishment for MCP stands out above others?

Student SUCCESS! Students earning degrees and achieving their goals makes all proud.

#### What impact do you hope MCP has had on its students, both personally and professionally?

I hope those participating in Minority/Multicultural Programs value diversity and understand that each person has much to contribute to the community, to society, and to the world. I trust through their participation in the Program, each understands the necessity to project professionalism in appearance, stature, and interaction with others. Also, each develops goals and plans to achieve personal and professional success.

#### What is the biggest change you've seen in diversity initiatives in the College during your tenure?

The focus on inclusive community building. The students have become much more involved with other organizations in the College and University, not just in MCP, and they are taking on leadership roles in these organizations. Many of our MCP alumni have become very successful leaders in their professions. The employment program through MCP has been beneficial in placing students in labs with faculty and offices throughout the College and campus, and this aids in their overall inclusion as well as impacts the impression non-minority students have of them.

## The Jackie Jimerson Scholarship Endowment

In honor of Jackie Jimerson's outstanding service to the College of Pharmacy, the *Jackie Jimerson Scholarship Endowment* fund was established by Charles and Sarah Sanders, Nathaniel Milton, Warren and Aneasha Moore, Ralph Johnson, Joanne Murphy-Woods and Travis Woods in October 2011 to recognize student leaders participating in Multicultural Programs in the College.

You may honor Jackie and support our students by contributing to this fund. Please send your check made payable to Purdue Foundation to the College of Pharmacy with Jimerson Scholarship written in the memo section. You may also make a gift at www.pharmacy. purdue.edu/advancement/development/giveonline.php. Please contact Angela Davis, Manager of Stewardship and Donor Relations, with questions at (765) 494-1370 or davis174@purdue.edu.

Charles and Sarah Sanders pose with Jackie Jimerson at the Multicultural Programs Celebration in October 2011



When I attended Purdue, there was a program in the School of Pharmacy to assist in the recruitment and retention of minority students that helped to build community and develop our leadership skills. Sadly, funding for the program disappeared in the early 1980s, not long after I graduated, and the number of minority pharmacy students sharply declined. When Dean Rutledge contacted me and my husband to serve on the Minority Advocacy Council in 1991, I jumped at the chance to assist the School in rebuilding its efforts to attract minority students.

With the addition of Jackie Jimerson to lead the program, MCP really took off. We were able to reach out to many high school students and encourage pharmacy as a degree to pursue. Our corporate partnerships have helped increase the number of minority pharmacists in the community. The number of multicultural students greatly increased.

I would like to see the program continue to grow, especially in reaching out to underrepresented minorities. I think it's important for individuals in the community, especially the young kids, to see pharmacists who look like them; it inspires people to achieve and engage. The American population continues to become more diverse, and I think it's important for the College to mirror that fact. We all become better pharmacists as a result.

Sarah (Burnside) Sanders (BS 1978, PharmD 1980) Minority Advocacy Council Member, College of Pharmacy

#### Introducing Linnette Good

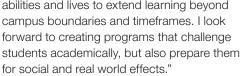
**Director of Multicultural Programs** 



Prior to Purdue, Linnette had been involved with academic advising at Ivy Tech Community College and served as Director for the Career Center at Lafayette Jefferson High School. She received her BA in Organizational Communication and African American Studies with a minor in Sociology from Indiana University-Northwest (Gary), an MS in Student Affairs and Higher Education from Indiana State University (Terre Haute), and is certified in academic advising from Kansas State University.

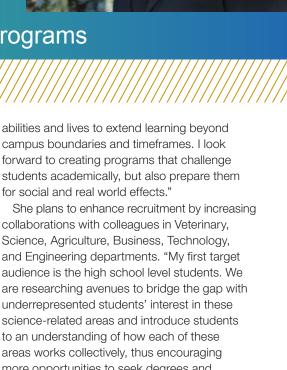
#### **Moving Forward**

Linnette is excited to continue the development of a program with years of historical presence. "I believe with my past experience I can combine my passion for program development and advising," she says. "I believe academic advising should provide structure to students' educational experiences while coupling their aspirations,



collaborations with colleagues in Veterinary, Science, Agriculture, Business, Technology, and Engineering departments. "My first target audience is the high school level students. We are researching avenues to bridge the gap with underrepresented students' interest in these science-related areas and introduce students to an understanding of how each of these areas works collectively, thus encouraging more opportunities to seek degrees and careers in these areas-including pharmacy."

She also plans to enhance the recruitment and retention of students within the College. Upon arrival, Linnette decided the program needed an identity that was simple and inclusive of all students. "I held a series of discussion sessions with current MCP students and challenged them to create an identity for the program." A unanimous decision was made that moving forward the program would be called **Multicultural** Association of Pharmacy Students (MAPS), signifying what the program entails much like a map (guidance, connections, identity). "The program will keep many of the benefits that have made it successful (tutoring/study groups, mentoring, the Dean's Employment Program), but through campus collaborations, we will be able to provide more volunteer and community outreach opportunities, as well as collaborate with more clubs within the College to feature guest speakers/ alumni. Through these initiatives, I believe we are exposing students to the diverse community that makes Purdue a unique place."



## Chaneys Fund Conference Room Renovations



The Chaneys with Dean Craig Svensson in front of the new white board



before



after

Renovations to Room 554 in the Heine Pharmacy Building were made possible by a generous donation from JeanAnne "Jeannie" (BS 1961) and James Chaney. The conference room previously lacked the quality expected for hosting external guests, small seminars and thesis defenses, and the recent renovations addressed these important needs. Renovations began in November 2011 and were successfully completed in January 2012.

While a Purdue Pharmacy student, Jeannie was active in Kappa Epsilon and Sigma Kappa. After a successful career with Rite Aid, she retired and has served her beloved Purdue as chair of the President's Council, member of the steering committee of Pharmacy Women for Purdue, and as a member of the Pharmacy Alumni Board. Jim received a degree in economics from Denison University. He is the president of Cleveland Syrup Company, a family-owned business started by

his father, E. Bruce Chaney. The Chaneys are long-time supporters of Purdue University and have established a number of scholarships and awards. They received the prestigious Pinnacle Award from Purdue in February 2011.

Jeannie explains that she was visiting campus for an alumni board meeting and the group met in the conference room. It became apparent to her that the room was a bit cramped for such a large group, so when Dean Svensson mentioned to her later that day that



Conference Room 554 before renovations



Conference Room 554 after renovations

there was a need for the remodeling of that room, she and Jim were very interested in fulfilling that need. The Chaneys had the opportunity to visit campus in April to tour the newly renovated conference room. "We were most impressed to see it," says Jeannie. "We even had a demonstration on the use of the super new white board technology. The results are fantastic!"

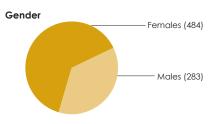
The College of Pharmacy extends its sincere gratitude to the Chaneys for their ongoing support and generosity.

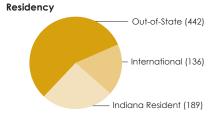
Ŕ

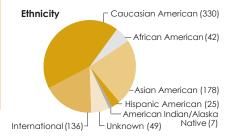
#### **Fall 2012 Admission Statistics**

#### **2012 Applications**

Total Applications		767
Purdue/WL		186
Other Indiana Campu	ses	71
Ball State	2	
Butler	-1	
Franklin	1	
Huntington	-1	
IPFW	6	
ISU	2	
IU-Bloomington	6	
IU-East	2	
IUPUI	11	
IU-NW	3	
IU-SB	2	
IU-SE	1	
Manchester	2	
PU-Cal	6	
PU-NC	8	
St. Joe	1	
USI	1	
Valparaiso	2	
Vincennes	3	
Miami-Oxford	3	
U-IL-Urbana	7	
Out-of-State Colleges		510

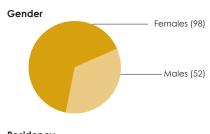


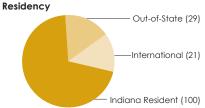


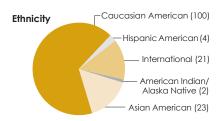


#### **2012 Admissions**

Total Admitted	150
Purdue/WL	108
Other Indiana Campuses	23
Franklin 1	
Indiana State U. 1	
IU-Bloomington 2	
IU-East 1	
IU-Northwest 2	
IPFW 1	
IUPUI 6	
PU-CAL 5	
PU-NC 2	
U. Southern IN 1	
Vincenes 1	
Out-of-State Colleges	19
Average Age	
21 (Range 19 - 42)	
<b>Cum. GPA Average</b> 3.57 (Range 3.09 - 4.00)	







## **Dean's Pharmacy Executive Forum**

The Spring 2012 Dean's Pharmacy Executive Forum hosted several outstanding alumni and friends of Purdue Pharmacy. The Forum is designed to introduce students to emerging trends and career opportunities in pharmacy and the pharmaceutical sciences through exposure to leaders in professional and

corporate environments. It provides an opportunity for the exchange of ideas and promotes greater understanding of leadership in the profession of pharmacy. Students benefit from the varied experiences of the guest lecturers, and the lecturers enjoy the lively exchange of questions and answers by well-informed students. The College of Pharmacy is pleased to recognize the following guest lecturers who spoke during the past academic year.



Jennifer Asay (BS 1994)
Director, Chronic Disease Prevention & Wellness, Sanofi Aventis

"Oh, the Places Industry Pharmacists Can Go!"



Marianne Billeter (BS 1986, PharmD 1987) Clinical Pharmacy Services,

"Surviving the Storm: Are You Ready for an Emergency?"



James Cloyd III (BS 1971)

Ochsner Medical Center

Lawrence C. Weaver Endowed Chair in Orphan Drug Development, Director of the Center for Orphan Drug Research, University of Minnesota

"Patient Care, Teaching, and Research: An Elegant Pharmaceutical Formulation"



**Christopher Dimos (BS 1988)** 

President, Supervalu Pharmacies

"Personal Leadership"



Keith Gillette (BS 1992)

Clinical Manager in Clinical Account Services, CVS/Caremark Corporation

"Pharmacy Benefit Management: Plan Design Strategies to Lower Overall Costs"



George Kucka (BS 1970)

President and CEO, Fairmeadows Home Health Center, Inc.

"Association and Political Involvement: Professional Responsibilities"



Jenifer Schreiner (BS 1992)

Pharmacist, Franciscan Alliance

"Centralized Order Entry Pharmacy: New Options with High Tech Operating Systems"



John Schreiner (BS 1963)

Owner, History of Pharmacy Research Center

"A Multifaceted Career: Retail Pharmacy, Long Term Care Pharmacy, and Pharmacy History"



Margaret Sgritta (BS 1972)

Consultant, Oast & Hook Elder Law Firm

"Senior Care Pharmacy"



Tate Trujillo (PharmD 1996)

Director of Pharmacy, Indiana University Health Methodist Hospital

"Changing the Pharmacy Leadership Paradigm: Making Every Dose Matter"



Jeffrey Hatfield (BS 1981)

Chief Executive Officer, Vitae Pharmaceuticals, Inc.

"Healthcare in America: A Perfect Storm... of Opportunity"

#### **Katie MacFarlane Phillips** (BS 1988, PharmD 1989) **Receives Eaton Entrepreneur of** the Year Award



Katie MacFarlane Phillips (BS 1988, PharmD 1989)

Managing Partner, SmartPharma LLC

"Pharmaceutical Entrepreneurs: How Small Biotechs Drive New Product Innovation"

Lyman D. Eaton II (BS 1974) and Joyce A. Eaton established the *Eaton Entrepreneur* of the Year Award for an alumnus/a of the College who has excelled in entrepreneurial activities during his/her career. The recipient must travel to campus to deliver a lecture relating to entrepreneurial activity to the Dean's Executive Forum.

The 2011 Eaton Entrepreneur of the Year Award was presented to Katie MacFarlane Phillips (BS 1988, PharmD 1989). Katie received her award during her lecture entitled "Pharmaceutical Entrepreneurs: How Small Biotechs Drive New Product Innovation" on March 12, 2012. Katie is currently managing partner of SmartPharma LLC, a pharmaceutical consulting firm specializing in new product commercialization. She develops market assessments, commercial plans, and sales force analysis for companies with products in development as well as companies evaluating products for licensing or acquisition.

Her experience spans multiple therapeutic areas including women's health, CNS, cardiology, vaccines, and dermatology. She was named a Distinguished Alumna by the Purdue College of Pharmacy in 1999.

Li Named **Allen Chao Chair in Industrial** and Physical **Pharmacy** 

Dr. Tonglei Li (PhD 1999) **Allen Chao Chair in Industrial** and Physical Pharmacy



The College of Pharmacy was pleased to appoint Dr. Tonglei Li as Professor and Allen Chao Chair in Industrial and Physical Pharmacy in May 2012. Dr. Li comes to Purdue from the Department of Pharmaceutical Sciences at the University of Kentucky where he served as associate professor. His research interests include solid-state chemistry, formulation and drug delivery. He has a long-standing passion in molecular modeling and computational chemistry. His recent focus has been on applying electronic calculation methods for describing intermolecular interactions in the solid state. Combining experimental approaches, his lab aims to understand crystal packing and discover molecular mechanisms of crystal growth and other phase transition behaviors. The ultimate goal is to predict physicochemical and mechanical properties and drug action kinetics in humans based on the molecular structure of a drug compound.

"This fall I will be teaching Dosage Forms I to PharmD students which I took almost 20 years ago. This in part signifies both the honor and excitement I have felt by returning to West Lafayette," says Dr. Li.

Dr. Li received his undergraduate degree in Chemistry from Nankai University and obtained a PhD in Pharmaceutics and an MS in Computer Sciences from Purdue University. He joined the faculty at the University of Kentucky in 2002. He has received several recognitions including the NSF CAREER and AAPS New Investigator Awards. He is married to Tongxiao (Catherine) Zhang, who earned her MS in Consumer Sciences and Retailing from Purdue and a PhD from the University of Maryland. She will lecture in the Department of Consumer Sciences this fall. They have two children, Jing Jing and Ray Yang.

Ŕ

# Commencement CELEBRATIONS

#### Graduation Reception

The College of Pharmacy celebrated the 2012 PharmD and BSPS graduation ceremonies on May 13, 2012. It was a wonderful way for our pharmacy mothers to celebrate Mothers' Day! Over six hundred family members, friends, faculty and staff celebrated with the graduates at a reception held in the tent outside the Pharmacy building on this beautiful day.



Ryan Manuszak and Dr. Kimberly Plake



Jennifer Morse, David Morse, Jennifer Luther and Kim Kuehl pose with diplomas in hand



Jeremy Campbell poses with family



Stephanie Szewciw poses with two special mothers in her life



These masked ladies are all smiles at the banquet



Cheers to the Class of 2012

Awards Committee Members Lauren Estowski, Madee Dhawan and Maegan Chu



Jeremy Daniel is voted Most Likely to Revolutionize Pharmacy Practice



#### Graduation Banquet

The Pharmacy Class of 2012 took a walk down Bourbon Street and celebrated Mardis Gras at the Graduation Banquet on April 27. Guests received beads as they walked through the door to lively music played by classmates Louis Cox, Brock O'Keefe, Felix Moxter, and Mark Murphy. Near the Bourbon Street backdrop, graduates picked up their mortar and pestles as well as a personalized Oath of the Pharmacist and a personal note of congratulations from the Pharmacy Alumni Association Board. Attendees enjoyed Mardi Gras masks and great Cajun food including their own personal King Cake!

The program was emceed by graduation candidates Alex Kubat, Jaclyn Jeffries, Ryan Manuszak, Shawna Lusby, and Natalie Alles. Dean Craig Svensson and Assoc. Dean Steve Abel offered words of encouragement and advice to the graduating class, and Sr. Assoc. Dean Holly Mason presented the leadership and academic awards.

The Graduation Banquet committee presented a slide show of photographs during dinner allowing friends and family the opportunity to witness the journey that the class of 2012 took through pharmacy school. They also presented their own awards to fellow classmates. Congratulations to all the award recipients and best wishes to the Class of 2012!



The beads were handed out by the wonderful (L to R) Jessica Larva, Stephanie Jaward and Ed Batties

The H. George Dekay Award nominees pose with Dean Craig Svensson (L to R) Shawna Lusby, Felix Moxter, Jacqueline Chomicki, Ryan Manuszak, Abbey DiMarco (award recipient), and Alissa Karr





Josie Petty, Stephanie Szewciw, Stacy Wade



Laura Whited and Erin Brown

#### Senior Class Gift Luncheon

The senior Class Gift Challenge provides the opportunity for graduation candidates within the College to challenge themselves and each other to give back to the institution that has nurtured and trained them for the past several years. The 2012 Class Gift Luncheon was held on April 27 in the Stewart Center in order to celebrate their successful fundraising efforts. Their class gift will be a framing of The Oath of a Pharmacist which will be displayed in the Heine Pharmacy Building. Additional funds raised will support the Tumaini Children's Drop-In Center in Eldoret, Kenya. Bobby Sandage, Jr. (PhD 1981) and Denise McAhren Sandage (BS 1979) graciously matched the funds raised by the class, and for that the College is most grateful.

The College also recognizes SuperValu Incorporated for sponsoring this enjoyable luncheon. We were pleased to have Steve Keen (BS 1981), Pharmacist Recruiter for SuperValu, congratulate our graduates during the luncheon. Jim Karl, Executive Vice President of the Purdue Alumni Association, also addressed the class and welcomed them to the Purdue alumni family.



Michael Silver, Jonathan Huffmeyer and Christopher Thompson



A special thank you is extended to the 2012 Class Gift Challenge Committee: (Front Row) Rachel Snodgrass, Siying Chen, Myra Wooley and Alissa Karr, (Back Row) Jennifer Luther, Kimberly Kuehl, Felix Moxter and Shawna Lusby

## Commencement CELEBRATIONS

## Spring 2012 GRADUATES

#### **BS in Pharmaceutical Sciences**

Yushi Cai

John D'Iorio Romina Deldar Averie Dowell Somadina Ekwealor Xinvi Jiang Jacob Kapitan Michael Kim Sooha Lee Frank Rutigliano Timothy Strayer Rattavut Teerakapibal Jessica Yen Xuechao Zhang

#### **PharmD**

Abdel Majid Al Natsheh Natalie Alles Deborah Amos Daniel Anuebunwa Krista Bailey Kathryn Balko Andrew Baughman Aaron Beck Michelle Bittner Ashley Black Julie Bolinger Erin Brown Jason Buchanan Jeremy Campbell Tyler Chamberlain Siving Chen Jacqueline Chomicki Maegan Chu\*\* Jennifer Cole Melissa Connelly

Louis Cox

Jeremy Daniel\*

Madhuri Dhawan\*\*

Abbey Di Marco Zaina Dibie Ahmed Sherif Din Said Marinna Dural Ashlee Dutoi John Eibl Derek Eichner Joseph Elias Kristen Ersser Lauren Estkowski Stephanie Faeth Lynn Fletcher Craig Ford Whitney Ford Brian Foreman Erica Frazier Stephanie Gahimer Katrina Goffinet Tiffany Gorman Huey Sywu Gui Evan Hampton Adam Hardin Kaitlyn Hess Donovan Higgins Brandon Highlen Navid Hojatti Jamie Hudspeth Jonathan Huffmeyer Stephanie Hutton Lisa Huynh\* Jeffrey Imars Rami Ismail Nicole Marie Jacobi\* Katie Jacobs Jaclyn Jeffries Clavton Jenkins Ryan Jenkinson James Joros Creighton Kaiser Rebecca Kamholz Reagan Kanne

Alissa Karr Andrew Kieszkowski Kelly Kilgore Linda Kim\* Aaron Knapp Charles Kramer Alexander Kubat Lauren Kuckewich Kimberly Kuehl Miaozhen Li Whitney Liechty Shawna Lusby Jennifer Luther Jason Mantel Ryan Manuszak Nolan McAfee Chelsea Miller Crystal Miller **David Morse** Jennifer Morse\*\* Felix Moxter Ashley Mulhaupt Mark Murphy Sarah Murphy Jaclyn Myers Raina Narsinghani Svetlana Nastovski Kevin Nelson My Na Nguyen Olivia Nguyen Jennifer O'Callaghan Brock O'Keefe Sean O'Shea Debra Oldanie Adekemi Omidiran\* Shana Papariella Disha Patel Josie Petty Allison Rawley Jasmine Riedie Molly Shank

Zina Shulman Natalie Sickman Michael Silver Brandon Simon Alina Singh Alisha Smith Rachel Snodgrass Mayer Soliman Ellen Stewart Lindsey Stoeckinger Whitney Sweatt Stephanie Szewciw Samantha Tampier Whitney Taylor Christopher Thompson Tyler Thompson **Charles Tomlin Andrew Trgovich** Linda Truong Craig Vargo Sergio Villicana\* Milijana Vukobrat Stacy Wade Jessica Waling Nathaniel Warnick Meghan Weber Samuel Weitzel\*\* **Amy Wenning** Laura Whited Kaylee Wikle Wegene Wondimagegn Brittney Wooldridge Myra Wooley Justin Wrin Joshua Yatsko

Soo Young Shin

<sup>\*\*</sup> PharmD/MSIA Dual Degree



<sup>\*</sup> PharmD/BSPS Dual Degree

## Donor Brunch Celebration



On November 19, 2011, the College of Pharmacy held its annual Donor Brunch. The brunch provides the College with the opportunity to say thank you to its donors for all they do. Nathan Wight, Director of Advancement, served as master of ceremonies, while Gerry Migliaccio (MS 1979), Retired Senior Vice President with Pfizer, was the guest speaker. Donors and their scholarship recipients enjoyed having the opportunity to meet and visit with one another.

> Kroger representatives Tom Wojcicki and Steve Sidhom (PharmD 2003) with Dr. Wayne (BS 1951, MS 1953, PhD 1957) and Mrs. Helen McKeehan enjoy time with their scholarship recipients





and Julie Money with Sylvia Dyar

Gerry Migliaccio discussed the importance of giving back

Members of the Money Family Scholarship pose with Boilermaker pride (L to R) Kathryn, Allison

## Thank You to Our Donors

This year, some of our scholarship recipients had the opportunity to express their gratitude in a video posted to the College's website. Please take a moment to listen to these students explain how receiving a scholarship has personally touched their lives.

http://www.pharmacy.purdue.edu/ advancement/alumni/thanks.php



"By receiving this scholarship, I am actually thinking about studying abroad next summer, so I'm really excited about that. I know without the scholarship I wouldn't have been able to do that."

#### **Allison Willis** Kroger Pharmacy Scholarship





Mrs. Elizabeth Chalmers (center) with the Robert K. Chalmers Pharmacy Scholarship recipients (L to R) Sara Linedecker, Shane Branscum, Nora Roman, Breanne Sorgen, and Kimberly Sanders.

"Receiving these scholarships means so much more than just the financial implications. It's so encouraging to know that donors and other alumni have seen potential in me and are willing to offer their support as they invest in my future," says Breanne Sorgen.



Katie Spicer, President of Rho Chi, expressed gratitude for the generosity of the donors on behalf of her fellow pharmacy classmates

"This scholarship has enabled me to work fewer hours while taking school, and as a result I am able to focus more on my studies and worry less about my financial obligations."

#### Yi Zhou

Thomas G. and Beverly S. Gerding Scholarship



(L to R) Anthony Rondinelli (16), Rick and DeAnna Rondinelli, Stephanie Jaward, Brittni Rhett Rondinelli (14)

"My reason for establishing the Rondinelli Scholarship is to support our great pharmacy school and university, as well as to do whatever I can to help future pharmacists and our profession. Pharmacy has been very good to me, and I love this profession

President, CEO In Touch Pharmaceuticals, Inc.

"Receiving the Rondinelli scholarship has truly been a blessing. Being an out-of-state student, this scholarship gave me the opportunity to attend one of the best pharmacy schools in the nation. I had the pleasure of meeting the Rondinelli family, as well. Mr. Rondinelli's accomplishments have really inspired me and I would love to follow in his footsteps. When I am finished here at Purdue, I am interested in pursuing long term patient care or attending law school to study intellectual properties."

1st Year Professional Student 2012 Rondinelli Scholarship Recipient

If you have already taken the opportunity to give back to the College of Pharmacy, we thank you for your support. We invite everyone to make a gift to the College so that out students may continue to benefit from your generosity. Please realize that regardless of size or designation, your gift makes a significant impact on the education of our students. You may learn more about how to make a gift at http://www.pharmacy.purdue.edu/ advancement/development/howtogive.php, or you may contact Nathan Wight, Director of Advancement, at nwight@purdue.edu or (765) 494-0501.

Save the Date **Donor Brunch** Saturday, November 3, 2012 at 8:00 a.m

Four Points by Sheraton (formerly the University Plaza by Wal-Mart in West Lafayette - north of campus) 1600 Cumberland Avenue • West Lafayette, IN 47906

Invitations will arrive soon if you haven't already received one.

Ŕ



**John Rose** (PharmD 2004) is the president and founder of OTC Answers, a rapidly-growing pharmacy-driven technology company. In addition to developing software applications, OTC Answers cultivates original health-related content.

John and his team have developed an advanced, pharmacy-facing over the counter recommendation engine enabling pharmacists to provide the optimal OTC recommendation without disrupting their productivity. "In a busy pharmacy, the pharmacist struggles to meet prescription demand. When a customer asks to discuss an over-the-counter product, the result is either a time-consuming assessment or a sudden recommendation that may not take into account the patient's entire circumstance," according to John.

While developing the recommendation engine, John recognized the application had to accommodate the pharmacist's need for detail while also streamlining the patient assessment. Complex algorithms were designed such that the patient assessment flows naturally and only relevant questions are asked. "We had to construct a dynamic, accurate assessment model, otherwise the assessment would take too long and feel unnatural."

John began developing the first instance of the recommendation engine during his Computer Applications in Pharmacy Practice rotation in 2004. "I turned it into my year-long PharmD project," says John. "Honestly, I was disappointed to discover the computer applications rotation

was on my schedule. I was hoping for cardiology or diabetes care." Six years later, however, John founded OTC Answers.

John and his team will soon unveil a new consumer-facing website combining its recommendation engine with consumer-friendly, "real life" self-treatment articles. The content and recommendation engine found at OTCAnswers.com were designed to ensure that the consumer selects the right product for his or her circumstance. The recommendation considers age/gender, pre-existing conditions, concurrent medications and other assessment-related questions to determine the optimal OTC recommendation, including referral to a health care professional when appropriate. "What you won't find at OTCAnswers.com is a lengthy monograph or confusing guidelines. When consumers are wondering what to take, we provide them with the answer," comments John.

OTC Answers is also developing an interactive self-treatment teaching tool for pharmacy students. "Pharmacist-assisted self-care requires a high level of training and professional practice commitment," says John. "Our highly-interactive student application depicts simple and complex OTC scenarios and is designed to compliment current OTC pharmacy curricula." OTC Answers has assembled a steering committee of self-care professors to ensure its student application meets the needs of the pharmacy school and pharmacy industry.

Ŕ



On November 10, 2011, Dr. David Bates visited the College of Pharmacy where he gave a presentation on Improving Medication Safety Using HIT—Recent Development as the Varro E. Tyler Distinguished Lecturer.

Dr. Bates is an internationally renowned expert in patient safety, using information technology to improve care, quality-of-care, cost-effectiveness, and outcomes assessment in medical practice. He is a Professor of Medicine at Harvard Medical School and a Professor of Health Policy and Management at the Harvard School of Public Health where he co-directs the Program in Clinical Effectiveness. He directs the Center for Patient Safety Research and Practice at Brigham and Women's Hospital and serves as external program lead for research in the World Health Organization's Global Alliance for Patient Safety. He is also the Associate Editor of the Journal

of Patient Safety. He has been elected to the Institute of Medicine, the American Society for Clinical Investigation, the Association of American Physicians, and the American College of Medical Informatics, and was chairman of the Board of the American Medical Informatics Association. Dr. Bates has over 600 peer-reviewed publications.

In recognition of the many contributions of Dr. Varro

Tyler during his 20 years tenure as Dean (1968-1988) to the development of the professional and research programs in the College of Pharmacy, this Distinguished Lectureship Program was established in his honor. It is sponsored by Mrs. Virginia Tyler, the Department of Pharmacy Practice, and the College of Pharmacy.



Dean Craig Svensson presents Dr. Bates with the Varro E. Tyler Distinguished Lecturer Award

## **David W. Bates** 2011 Varro E. Tyler Distinguished Lecturer



## Mortar & Pestle

#### The Purdue College of Pharmacy E-Newsletter

One of the easiest ways to stay connected with the College of Pharmacy is to read about what's happening...provided you can't make it to campus to see first-hand all the excitement!

As you are aware, the College has two main publications, The Purdue Pharmacist, our magazine for alumni and friends, and our Annual Report. You can view these publications online at http://www.pharmacy.purdue.edu/advancement/publications/. In November 2011, the College sent its first electronic newsletter, Mortar & Pestle, as another way of keeping you connected. Many of you have already had the opportunity to view it, but many haven't because we don't have a current email address on record. If you don't want to miss out on all that is going on with the College, please send us an email at mortarandpestle@purdue.edu so we can add you to our distribution list. Already miss an issue? You can view it online at http://www.pharmacy.purdue.edu/newsletter/.

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

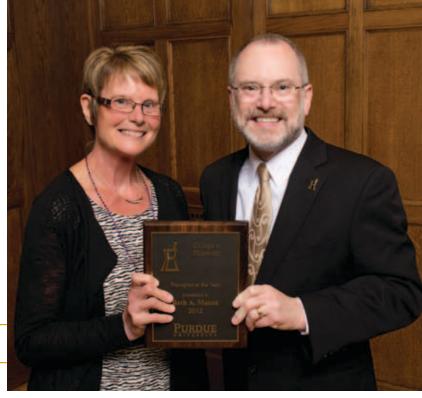
## Preceptor Perceptions

On April 27, 2012, the College of Pharmacy recognized outstanding preceptors at the Graduation Banquet. **Dr. Beth Mason** received the "Preceptor of the Year Award" for her dedication to the teaching and mentoring of our pharmacy students. **Dr. Zach Weber** received the "Outstanding Faculty Preceptor of the Year Award". Please help us congratulate these fine individuals for their dedication to serving our students.



#### PRECEPTOR OF THE YEAR





Dean Craig Svensson presents Dr. Beth Mason with the Preceptor of the Year Award

Dr. Beth Mason (BS 1978, PharmD 1995) is a clinical pharmacist at Provena United Samaritans Medical Center in Danville, Illinois, where she oversees clinical pharmacy services in the ICU and Medical/Surgical units, provides education to pharmacy, medical and nursing staffs, and serves as a pharmacy student preceptor. She is also an advanced cardiovascular life support instructor and a pediatric advanced life support instructor. She is a member of the American College of Clinical Pharmacy and American Society of Health-System Pharmacists and attends both national conventions regularly.

Beth and her husband, Jeff, have two daughters who have continued their mother's Purdue Pharmacy tradition. Molly is a 2010 graduate and is currently completing her second year pharmacy residency in Emergency Medicine at the University of Kentucky. Ally is a fourth professional year pharmacy student completing APPE.

Beth comments that she is passionate about the profession of pharmacy and considers precepting pharmacy students as a privilege and a very rewarding experience. A goal setter, she is always eager to accept the next challenge. She has been a Purdue preceptor since 1999.

What do you like most about serving as a preceptor? The ability to interact with students at different levels of experience and helping them to maximize their strengths and improve their level of self-assertiveness is the most rewarding aspect of being a preceptor.

What is unique about your practice? I practice at a community hospital with a large Medicare/Medicaid patient population. We are forced to be good stewards of available resources and have the responsibility to provide the very best quality of services with limited resources.

How do you involve students in your rotation to build your practice? How do you utilize students serving rotations to advance patient care services? When the student feels comfortable with the practice site, I expect them to function as a clinical pharmacist and become involved in all aspects of this position (drug dosing and monitoring, patient education, staff education, etc.). They are also involved in preparation of various items for the Pharmacy and Therapeutics Committee (Medication Use Evaluations, Drug Formulary Review, etc.).

What advice do you give students entering practice? What aspects of professionalism do you impress upon students? I encourage all students to set their goals high and take advantage of every challenge that they are faced with. I challenge them all to give back to the profession and the schools of pharmacy that have afforded them the opportunity to be all they can be. I expect students to show respect to all other healthcare practitioners and have empathy for all patients.



Dr. Zach Weber is presented the Outstanding Faculty Preceptor Award by Dr. Patti Darbishire and Dean Craig Svensson



#### **OUTSTANDING FACULTY PRECEPTOR**



Dr. Zach Weber (PharmD 2007) is Clinical Assistant Professor in the Department of Pharmacy Practice and an ambulatory care clinical pharmacy specialist at Wishard Hospital. At Wishard, he manages two cardiovascular risk reduction clinics with collaborative practice agreements for diabetes, hypertension, hyperlipidemia, and smoking cessation. His collaborative practice agreements allow him to independently see patients in clinic two days per week, make adjustments to their medications, order relevant laboratory monitoring, and write progress notes in the medical record.

In addition to taking 16 APPE students on rotations, Dr. Weber teaches the CLPH 872 venous thromboembolism module, co-coordinates CLPH 490 Current Concepts in Adult Ambulatory Care elective course, and teaches in PHRM 403 and 404 Integrated Labs. He has served as a Purdue preceptor for two years, and his practice sites include the Forest Manor Health Center and Wishard Endocrinology Special Medicine Clinic both located in Indianapolis.

How do you involve students in your rotation to build your practice? How do you utilize students serving rotations to advance patient care services? Students on my rotation are involved in the direct interaction and management of patients in clinic. They complete full patient interviews, brief physical assessments, and provide recommended treatment plans. Similarly, they have the opportunity to order relevant labs, update or adjust prescriptions, and write encounter notes. Under my supervision, the role the students play is essentially the same as my own. Overall, students have been a great asset to the clinic and have allowed me to see more patients during scheduled clinic time. During the latter weeks of the rotation, after students have become more comfortable with the practice, they often go see one patient while I see another. This allows me to improve efficiency and clinic flow by essentially seeing two patients at once.

In addition to their direct patient care and clinical roles on my rotation, students are involved in nearly all

aspects of my job. This includes teaching classes at Purdue, attending meetings for both Purdue and Wishard, and providing additional support for my research, projects, or other initiatives.

What advice do you give students entering practice? What aspects of professionalism do you impress upon students? The advice that I give my students most often is to always ask "why?" During their didactic curriculum, they are taught a lot of information about what medications are used to treat various conditions. However, the true reason why one treatment option is chosen over another is not always understood. The key to advancing your professional practice, and taking your knowledge to a higher level, is to try to understand the meaning behind why specific treatment decisions are made for a patient.

The aspect of professionalism that I really try to impress on my students is to develop habits now, under the helpful instruction of faculty members and preceptors, which will help you throughout your career. Eventually, the day will come when they are no longer students, and are responsible for their own success, continuing education, and development of a successful practice. I try to be a role model in this area and introduce students to opportunities for continual learning, methods of interacting with patients and healthcare providers, and how to take advantage of learning opportunities when presented.

What do you like most about serving as a preceptor? Of course the best thing about being a preceptor is interacting with the students. Specifically, I really enjoy the opportunities I mentioned before about providing advice that allows them to think in a way they might not have thought before, and taking their practice to a higher level than they thought possible at this stage in their career. As a faculty member and preceptor, there is no better feeling than when you hear from a past student several months down the road and they tell you how much you helped them, how much they appreciate the thought processes you instilled in them, and how excited they are that they are reaching a place in their professional practice where they always wanted to go.



(L to R) Carl Hudson (BS 1965), Leroy Keyes, Joe Stodola (BS 1960), and Ernie Presser enjoyed playing their nine holes together

# The 16th Annual BoileRx Golf Classic

The College of Pharmacy held its 16th Annual BoileRx Golf Classic on May 31, 2012. Ninety golfers played the Ackerman Course at the Birck Boilermaker Golf Complex. Despite the rain, golfers had a great time playing this beautiful course. Leroy Keyes (BS 1969, Liberal Arts), Purdue All-American and College Football Hall of Famer, was auctioned off to play nine holes with two lucky teams this year. We also auctioned off autographed basketballs, footballs, and a variety of other items to several lucky winners. The money raised will support the Pharmacy Alumni Scholarship fund.

A Purdue Golf Coach was on hand at one of the holes to help each team with a tee shot and a few pointers. Also, thank you to Dean Emeritus Chip Rutledge for helping the teams with their putting this year! We appreciate all of our participants for joining us for this fun event in support of the College.

#### Pharmacy Alumni Scholarship Recipient

Jason Eckstein, from Sunman, Indiana, was a 2011 recipient of the Pharmacy Alumni Scholarship. He will return this fall as a third year professional PharmD student. In his spare time, Jason enjoys hunting, shooting trap and skeet, watching and playing basketball, riding quads, and camping. He appreciates that there are generous alumni who are willing to help him enjoy and get the most out of his college experience. Jason says the scholarship alleviates a lot of stress by allowing him to work fewer hours, which in turn allows him to concentrate more on his studies and affords him time to socialize with friends.

Thanks to our generous sponsors, without whom this outing would not be possible...

All Star Trophy and Awards CVS/Caremark Corporation\* **Kroger Company\*** L.E.W. Rx Consultants, Inc. Pfizer, Inc.\* **Pharmacists Mutual** Supervalu, Inc.\* Wal-Mart



Thanks also to the alumni, faculty, staff and student volunteers whose time and energy make this event so successful:

Steve Abel (BS 1976, PharmD 1978) Jim Branham (BS 1977) Gina Haile Holly Keckler Jane Krause (BS 1981, MS 1994) Tricia Lohr (PharmD 2005) John Nine (BS 1963, HDR 1983) **Jeff Rattray** Pam Ringor (BS 1997) Mindy Schultz Steve Scott (BS 1976, PharmD 1978) **Josh Singletary** 

**Breanne Sorgen** 

James Wu (PharmD 2003)



(L to R) Joel Thompson (PharmD 2005). Nick Claycomb, Keith Kelso, and Robert Gibson (BS 1969)



(L to R) Joe Stodola (BS 1960), Ernie Presser, and Carl Hudson (BS 1965)



(L to R) Jerry Fuhrmann, Dale Bultemeier (BS 1980), Logan Bultemeier, and Kevin Marhenke (BS 1980)

At the dinner following the tournament, prizes were awarded for...

**Longest Putt** Lyman Morris III (PharmD 2011)

Men's Closest to the Pin Lyman Morris II

Men's Longest Drive Logan Bultemeier

Women's Longest Drive Ann Porter



Ann Porter

#### MARK YOUR CALENDAR!

17th Annual BoileRx Golf Classic Friday, May 31, 2013

For more information, please contact Dana Neary, Manager of Alumni Relations, at nearyd@purdue.edu or (765) 494-2632.

<sup>\*</sup> Corporate Partner

## The Purdue Kenya Program Residents Visit America



Visiting at the Indianapolis alumni event in April

"Amazing is the one word that would summarize my experience in America. Meeting old friends, making new friends, and having fun in so doing is perhaps what made my heart most glad. I equally enjoyed the great times I had with our hosts, Dr. Monica Miller and Dr. Ellen Schellhase, and will forever cherish their contribution in making this trip extraordinary. The cleanliness, orderliness and beauty of the cities and the countryside were all breathtaking, and I will always remember my experiences while observing the various aspects of pharmacy practice in Indiana. These brief professional exposures served to greatly impact my vision as a healthcare provider, as I came to realize the true meaning of making the patient the first priority of all that I do."

#### William Ogallo

Global Health Resident Purdue Kenya Program During April 2012, three Global Health Residents from the Purdue Kenya Program made their first visit to the United States. The purpose of this visit was to learn about pharmacy practice in a variety of different clinical settings and participate in additional research and teaching activities.

They were able to shadow Purdue faculty and other local practitioners in their clinic settings throughout the month. They also participated in teaching activities including working with students that will complete APPEs in Kenya during the 2012-2013 academic year. The residents presented their research projects at the Great Lakes Residency Conference. They also traveled to a Global Health Conference at Yale University and gave presentations about the Global Health Residency Program at Celgene Pharmaceuticals in New Jersey.



The Purdue Pharmacy Kenya Program would like to take a moment to extend our sincere gratitude to the following people who help make our program so successful.

- Ron Snow, Manager of Profession and College Relations, and the CVS Corporation for the donation of pillboxes
- Pharmacy Women for Purdue for their service project supporting the Tumaini Children's Center
- Rho Chi for helping with the Pharmacy Pin sales benefiting the Tumaini Children's Center
- P1, P2 and P3 students, staff, and faculty who participated in the toothbrush drive
- Alumni who attended the first Purdue Kenya Program Alumni Event held in April 2012 in Indianapolis



Global Health Residents (L to R) Simon Manyara, Mercy Maina and William Ogallo visit the Purdue campus

"The U.S. rotation has been an inspiring, eye-opening and exciting experience. During this time, I worked with remarkable people whose passion for their patients and their health was seen in the level of care provided. Shadowing professionals in the diverse fields of pharmacy practice and actualizing the evolution of pharmacy was amazing. The differences in the culture and attitudes and the impact of these differences was insightful and eye opening. We also had the opportunity to meet colleagues who have visited Kenya and Purdue students—former and current—and they made the time in Indianapolis memorable. Finally, I am in deep gratitude for the reception, dedication and commitment shown by our U.S. preceptors, Drs. Monica Miller and Ellen Schellhase, who made the experience grand and unforgettable."

Mercy Maina

Global Health Resident
Purdue Kenya Program

### Update on the Lilly Endowment, Inc. Grant

"A Plan for Preeminence for Purdue Pharmacy"



Improving the science that informs pharmaceutical manufacturing is important to reduce the time that it takes to get both innovative and generic drug products on the market. In addition, the recent wave of drug recalls related to manufacturing problems speaks to the need for a more comprehensive knowledge foundation in this area. With a strong history of contributions in industrial pharmacy, Purdue is already recognized as a leader in this field. Our initiative in pharmaceutical manufacturing is intended to strengthen our position in the field as a leader in emerging areas. Among the investments are seed grants intended to advance optimal pharmaceutical manufacturing. One example is the work undertaken by Dr. Lynne Taylor, Professor of Industrial and Physical Pharmacy, who is seeking to understand the critical role of moisture content in the stability of manufactured drugs and the rational for formulating new drugs in order to optimize development and maximize shelf life.

Many patients store their medications in the worse place imaginable in their home—the medicine cabinet! As shown by Dr. Taylor and her colleagues, the reason for this is quite simple; the bathroom environment experiences wide

fluctuations in humidity and temperature. Understanding how these two factors lead to the degradation of medicines is the focus of her seed grant project.

To make tablets, the active pharmaceutical ingredient (API, i.e. the medicine) is mixed with other powdered ingredients, which are called excipients, and then the powder mixture is made into a tablet. However, sometimes the excipients added to the formulation can promote breakdown of the API. Importantly, this process can be accelerated by the moisture present in the air. Research underway in Dr. Taylor's group is focused on understanding how moisture leads to instability between excipients and drugs in powdered systems.

Because this topic is also very important for vitamins in multivitamin formulations, as well as fortified foods, this research has involved collaboration with Dr. Lisa Mauer's group in the Food Science Department at Purdue University. Their hypothesis is that water creates a chemical interaction between particles of drugs and excipients. By studying model powder systems in which well-defined chemical reactions occur, Dr. Taylor has been able to better understand the role of moisture in the air.

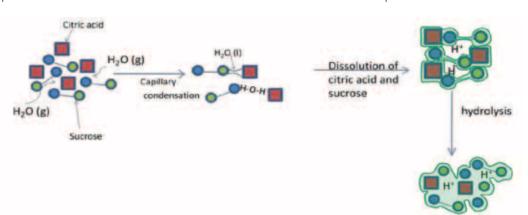
By studying vitamin C degradation, it was observed that temperature and relative humidity (RH, the amount of moisture in the air) had synergistic effects. In other words, extremes of both temperature and RH were much worse for vitamin C stability than either high temperature or high RH alone. High RH was found to be much more detrimental to vitamin C stability than high temperatures. This result highlights the importance of storing medicines in the appropriate environment (not the bathroom) and keeping them in their protective packaging.

Surface interactions in the presence of water were further investigated by probing chemical degradation in a powder blend of citric acid and sucrose, excipients commonly used in tablets. Their data support the hypothesis that chemical interaction between the two particle materials is determined by water present on the surface.

The long-term goal of the research is to evaluate the influence of both temperature and relative humidity on chemical stability in order to be able to understand which excipients are most problematic and to predict and improve shelf life to avoid conditions where chemical degradation is promoted.



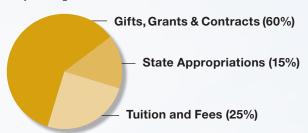
Dr. Lynne Taylor



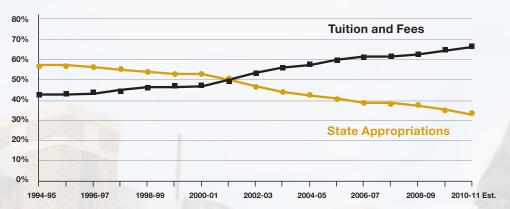
#### **Dear Pharmacy Donors,**

Greetings from Purdue! For this edition of *The Purdue Pharmacist*, I wanted to share some insight into the College's budget that many alumni and friends may not realize. In visiting with Pharmacy alumni and friends across the country, one important piece of information I discuss is how little state support we receive and how important private support is to the College. When you were enrolled at Purdue, state appropriations may have accounted for 80% (or probably more) of Purdue's budget. Over the years, this support has significantly decreased, and now state appropriations make up approximately 15% of the University budget and thus the College of Pharmacy's budget.

You can see from the pie chart that the College of Pharmacy's budget is divided primarily into three categories:



The state appropriations figure really shocks alumni and friends when they learn this statistic. Our reality is that things have changed, and the State of Indiana isn't able to provide the appropriations that it used to. You can also see below that Tuition & Fees revenue at Purdue has long surpassed state appropriations.



All of this information provides you some important context as to how important your contributions are to the College of Pharmacy. It is because of you, our donors, that we are able to provide the exceptional education to the next generation of pharmacists and pharmaceutical scientists. Thanks again for your generosity to the College and Hail Purduel

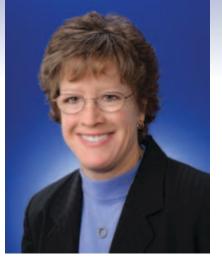
Best Regards,



Nathan Wight

Director of Advancement
nwight@purdue.edu
(765) 494-0501





#### Why is it important/what motivates you to give back to Purdue?

As an incoming student, I applied for financial aid and was not eligible, despite our family farm having operated at a loss the previous year. I worked two jobs during most summers and had a job almost every semester while at Purdue. I want to help make it a little easier for some students to pay for their education and have more time to eniov it.

I believe in Purdue and am thankful for the opportunities afforded to me during my time as a student and beyond. Every time I meet a current Pharmacy student, I am extremely impressed with the high caliber attracted to our school, and I think Dean Svensson's leadership is top notch. Purdue and the College of Pharmacy are highly regarded and I'd like to help continue the tradition. I also believe Purdue plays an important role in resolving scientific and humanitarian difficulties which improve the quality of life and future for many people throughout the world.

#### **Through Planned Giving**

#### Joanne R. Barrick (BS 1984)

You have made a planned gift. Why did you choose this specific vehicle (will, annuity, CRT, etc.)? I have named the Purdue College of Pharmacy as a beneficiary of a portion of my IRAs to fund scholarships and support the Industrial Pharmacy program. By utilizing IRAs as charitable gifts, there is no tax on the principle or accrued earnings within the IRA, thus maximizing the gift.

#### What was your experience at Purdue as a student? Any particularly fond/humorous memories?

I attended another university as a freshman and the professors were on strike the first three weeks. This was followed by a period of food fights which led to cafeteria services being limited to brown bags handed out at the door. Most students lived close by and went home every weekend and student support of school athletic teams was minimal.

I transferred to Purdue as a sophomore when demand for housing exceeded availability. I lived in a hotel for a semester and then in a dorm in which ten students resided in four rooms, normally designed for eight people. Despite this difficult beginning, I grew to love Purdue and found most of the other students and faculty members to be really friendly. I enjoyed watching Big Ten athletics (attending all football and basketball games), yet I also enjoyed being part of a smaller, special community—the [then] School of Pharmacy.

High school had seemed fairly easy, so my study habits needed improvement while at Purdue. In our weekly phone calls I would often tell my mother I was failing! I worked hard and was invariably doing better than I thought by the end of each semester. I knew that I wanted to pursue a career in industry and took many business-related courses and some graduate level courses related to industrial pharmacy. I am very grateful to Dr. Garnet Peck for allowing me the opportunity to work in one of his research laboratories, as this proved to be extremely valuable. I received a National Pharmaceutical Council internship for the summer following my fourth year and worked in various areas of the former Burroughs Wellcome Company. I now work for Eli Lilly and Company and find my pharmacy education enables me to better appreciate patient needs, including the non-clinical aspects.

How do you hope your planned gift will impact the College of Pharmacy and its students in the future? Do you hope that your planned gift will inspire fellow alumni to follow in your footsteps?

I want the Purdue College of Pharmacy to maintain its high standard of excellence. While inspiring others to give was not a factor in my decision, that would be a nice unplanned outcome.

## News From Continuing Education and Professional Development



Dear Alumni,

We have had a busy six months since my inaugural letter in establishing the direction for our continuing education efforts. Our goal has been to develop relevant, interesting continuing education activities that are available in convenient formats. As such, we began with redesigning our website earlier this year. The next step has been to create a website portal which will allow you to select your desired activity, register, take the course/post-test/ evaluation, and receive confirmation of your CE credit—all online. With the new infrastructure in place, you will be able to take advantage of our new programming which will include:

- tobacco cessation activities that deal with the 5 A's (Ask-Advise-Assess-Assist-Arrange), electronic cigarettes, alternative tobacco products, and motivational interviewing,
- activities in partnership with several of our medical education company collaborators that will be available online,
- new CE activities developed by our faculty based upon the survey results from last fall which identified areas of interest.
- and the creation of a "boot camp" to assist pharmacists who have been away from practice and are interested in reentering the workforce by providing updates in the areas of law, new drugs, etc.

We will also offer our flagship product, "Medication Safety Essentials," a comprehensive introduction to medication safety concepts and tools-provided in both live and on-demand webinar formats—that meets the standards set by the ACPE, ACCME and ANCC. The live program will consist of a one-day lecture series which includes an initial interactive medication safety simulation and a networking lunch. The on-demand webinar series allows convenient access to recorded content, the same covered during the live session, and entails topics such as a background on safety, prescribing/transcribing/dispensing/ administration errors, RCA/FMEA/ process improvement, and error reporting. Participants are actively involved in creating a culture of safety that focuses on systems-redesign as well as outcomes for meeting patient needs, and they will receive a Certificate of Completion when all modules have been concluded.

The Medication Safety Essentials program is being adopted by the Indiana Hospital Engagement Network (HEN). This Network was formed in response to the large, national Partnership for Patients initiative. This is a substantial national grant targeting a 40% reduction in patient harm and a 20% reduction in hospital readmissions. The Purdue Pharmacy Continuing Education program will be launched to 1,200

professionals in Indiana over the course of the next year in furtherance of these goals. We are currently engaged in initial discussions with several other state HENs who have expressed interest in partnering on this endeavor.

In addition, we have been working closely with the team at Krannert **Executive Education Programs to** collaborate in developing a Certificate Program in business management which will cover the content areas of human resource management, finance, marketing, business strategy, operations and supply chain issues, and regulatory/ law. It is feasible this program could be available as early as Spring 2013.

We have a lot on our plate, and I look forward to receiving your input which ensures we are developing programming that meets your needs.

Happy Fall!

Marlene



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

Please visit our updated website for more information about **Continuing Education and Professional Development at** http://ce.pharmacy.purdue.edu

# umni Profil



Jerry and Lisa Mincy

#### Jerome "Jerry" Mincy (BS 1973, MS 1982)

Jerry Mincy was working at Central Pharmaceuticals, a small Pharmaceutical company in Seymour, Indiana, when the company sold to a German company, Schwarz Pharma. He became the lead formulator at Schwarz Pharma charged with the problem of how to produce a generic version of Omeprazole. "The product was a capsule but differed from the innovator's product in that it did not use buffering agents to protect the omeprazole," says Jerry. "We granulated, produced and coated tablets that were 1/8" in diameter and 1/8" thick. There were several challenges just producing the tablets, but we then had to devise a way to fill 18 tablets into a capsule (no more, no less) at 40,000 to 60,000 capsules per hour."

Although successful at Schwarz Pharma, the job eventually meant Jerry would need to relocate. "I did not want to uproot my family, so when a friend who was a CPA but specialized in starting companies approached me, we were off and running," he comments. So, in 1996, Jerry founded JLM Pharmatech, Inc. and began blister packaging which led to packaging in

bottles, capsule and tablet manufacturing, and coating of tablets and capsules. The company grew from six employees and 3,000 square feet to 50 employees and 33,000 square feet.

In the summer of 2011, Jerry decided to retire as President and Owner and sold JLM Pharmatech, Inc., but he remains on retainer as a consultant. Although he misses the challenges of problem solving at the company, he says he still has that with his small farm in West Lafayette and a house in Sevmour.

Dr. Hem, his major professor, as well as Drs. Belcastro, Kildsig, Knevel, Peck, and Tyler all had a positive influence on his career. Jerry took up golf in graduate school and fondly remembers how Dr. Knevel would golf with several students of the department. Jerry also taught labs for six years for Dr. Peck during late undergraduate and graduate school. "Dr. Peck was most interested in the pharmaceutical manufacturing processes, which was my real interest in the IPPH field." It's no wonder that Jerry gravitated to that line of work and returns to campus for the Garnet E. Peck Symposiums.

While reminiscing about his days at Purdue, Jerry shares that his freshman year was a sports nut's dream. "Our football team spent most of the year ranked number one and our basketball team was in the NCAA final game. It was great, but I almost got the boot from Purdue!" As if that weren't enough, Jerry was involved with a commando mission by six freshmen from Cary West with a goal to paint POTFH (Pounce On Those Fighting Hoosiers) on as many overpasses as possible between West Lafayette and Indianapolis. "We managed 6-7 before the paint ran out. The IU Hoosiers driving to West Lafayette were not happy." Jerry obviously recovered well enough from the fun during his freshman year to earn a 5.64/6.0 GPA by graduation and went on to accomplish great things.

Jerry was born and raised in Moorseville, Indiana. He and his wife, Lisa, have two grown daughters, Lauren and Jerilyn. Jerry is most excited to share his birthday with the newest member of the family, his grandson Zander. Aside from tending to his farm and home, Jerry continues to enjoy golfing, as well as woodworking, remodeling houses, landscaping and gardening, and singing both in the church choir and the shower. He is a member of the Jackson County Pharmacist Association and Branded Pharmaceutical Association.



The Mincy Farm in West Lafayette



#### NUCLEAR PHARMACY ALUMNA

## Deborah Vanerka The Road to Success Started Here



"What do you want to be when you grow up?" The answer to that famous childhood question is often revisited throughout various stages in life. And while Debbie Vanerka does not remember her first answer, she does remember her answer during junior year in high school. She recalls her chemistry teacher's exact words: "Debbie, you love chemistry, why don't you become a pharmacist?" Up until that point she had not considered the pharmacy profession as an option. It was that simple question and suggestion that uncovered a professional world that still continues to offer her opportunities, experiences, and challenges that she never imagined.

Debbie chose Purdue to start her professional journey; however, it wasn't until she was introduced to Dr. Stanley Shaw and nuclear pharmacy that she knew why pharmacy was the professional path for her. The nuclear pharmacy curriculum and facility prepared her by providing her with the necessary tools and information that would serve as a strong foundation for her future in the nuclear medicine industry. "Purdue is where I received the knowledge and inspiration to become an active member in the nuclear pharmacy community," she says.

Upon receiving her BS in 1994, Debbie began her career with Mallinckrodt, Inc. in Chicago, Illinois. Soon after she became a staff pharmacist, she opened and oversaw the operations of a satellite pharmacy in Crestwood, Illinois. She assumed the role of Radiation Safety Officer and Pharmacy Manager shortly thereafter. Debbie's contributions were rewarded by expanding her participation in programs and projects that developed her leadership abilities.

After several years practicing as a nuclear pharmacist, Dr. Shaw requested Debbie to speak to a group of new

pharmacy students on campus. Juggling both a career and family, she was the perfect person to share her experiences and provide insight into the diversity of career opportunities within nuclear pharmacy. While her participation was intended to support the students, Debbie discovered a newly found enthusiasm for sharing her experiences that ultimately led her to an educational setting. Her goal was to educate and provide guidance to pharmacy students in an energetic and supportive manner, and she focused on the diversities and opportunities within the practice of nuclear pharmacy while providing an introductory understanding of the practice. Her desire to give back to the profession continued to expand into Mallinckrodt by actively working to develop professional programs and participate in educating pharmacy students through rotation and internship programs. Currently, she is an adjunct professor at Midwestern University School of Pharmacy in Chicago where she teaches Introduction to Nuclear Pharmacy, a course which she developed, as well as a professional elective.

Debbie is a Board Certified Nuclear Pharmacist with a wide knowledge and experience in the nuclear medicine industry. Throughout her career, she has expanded her role into various leadership positions at Triad Isotopes, Inc. including Group Vice President of Sales and Operations for the Great Lakes Region and Area Vice President of Sales for the Central Region. She is currently Vice President of National Accounts where she oversees national accounts and the activities of key account vice presidents. She leads a rewarding professional and personal life with her husband and two children in the Chicagoland area.

## SIXTY SECONDS

With a Graduate Student



Lindsay A. (Stanford) Wegiel

BS Pharmaceutical Sciences, 2008; Purdue University **Doctoral Student, Industrial and Physical Pharmacy** 

**Anticipated Graduation Date:** August 2013

Hometown: Steamboat Springs, Colorado

Major Professor: Dr. Lynne Taylor

Research Interests: Pre-formulation

Thesis Title: Amorphous Solid Dispersion of Polyphenols-Impact of Molecular Interactions

Awards and Honors: Committee on Education of Teaching Assistants (CETA) Award, 2012, Purdue University; Purdue Research Foundation Research Grant, 2011, Purdue University College of Pharmacy; Industry Excellence Award, 2008, Purdue University College of Pharmacy; Fitch Undergraduate Research Fellowship, 2007, Purdue University College of Pharmacy

Post-graduation Plans: Industry



While in Tanzania, Lindsay had the opportunity to climb Mt. Kilimanjaro which is 19,341 feet high. "I have never done something so amazing in my life. I climbed the Machame route which takes 6 days. On summit day, the six-hour climb starts at midnight so that the summit is reached right at sunrise. The view from the top was breathtaking. It is one of those things I will remember for the rest of my life."

"The College of Pharmacy has exceeded my expectations with the amount of opportunities I have been given during both my undergraduate and graduate work here at Purdue. It is an exceptional institution and I am proud to be a Boilermaker!

During my graduate work at Purdue, I have had the opportunity to be a teaching assistant at the Kilimanjaro School of Pharmacy. The program that I am involved with is the advanced training program in drug development, drug manufacturing, regulatory and quality compliance for professionals working in pharmaceutical industries, national regulatory authorities and universities from Sub-Sahara Africa countries. The impact of the training program is intended to improve availability of essential medicines with proven effectiveness, quality and acceptable safety at affordable prices for prevention or cure of illnesses to the community. In African countries, access to medicines of proven quality has been a major area of professional and political concern. After the school built the Industrial Pharmacy Teaching Unit (IPTU), I helped implement a lab section into the program in which the participants synthesize and manufacture tablets which is very similar to Purdue manufacturing course IPPH 562."

## 10TH ANNUAL GARNET E. PECK SYMPOSIUM

The 10th Annual Garnet E. Peck Symposium will be held on October 11, 2012. For more information about the symposium, please contact DeEtte Starr, Communications Coordinator and CPPR Program Director, Industrial and Physical Pharmacy, at (765) 494-1484 or starrd@purdue.edu.

#### **Pharmacy Alumni Association (PhAA) News**



Greetings Alumni and Friends,

Summer is going by quickly! The College of Pharmacy is already gearing up for a very special fall. Spring ended with several events for the Class of 2012. It was an enjoyable time welcoming this special group to the Purdue Pharmacy Family. It is always hard to say goodbye, but we know this class will go on to do great things. Congratulations, Class of 2012!

The 16th Annual BoileRx Classic was a lot of fun and a little wet! Ninety golfers braved the rain to play golf in support of the College's Alumni Scholarships on the Ackerman course at the Birck Boilermaker Golf complex on May 31st. Leroy Keyes, a great ambassador for Purdue, once again came out to help us raise money for scholarships. Congratulations to the winning team comprised of Nick Claycomb, Robert Gibson (BS 1969), Keith Kelso, and Joel Thompson (PharmD 2005)!

Fall brings a renewed excitement back to campus not only because of the return of our students, but the return of our alumni. The pharmacy class of 1962 will return to campus for their 50th Reunion during September 28-29. The dates and times have also been set for our annual homecoming activities in our tent outside the Pharmacy building. The Student and Alumni Chili Supper, held on Friday, October 12th at 6 p.m., is a great way for our students and alumni to get to know one another and puts us in the perfect location to view the Homecoming parade afterwards. The Annual Homecoming tailgate will be held on Saturday, October 13th beginning at 9 a.m.

We are very excited about a new alumni event this fall. We will host a Pharmacy Couples Tailgate on October 6th at the Birck Boilermaker Golf Complex. The College has over three hundred couples where both are pharmacy alumni. We are inviting this group to campus to meet each other and to cheer the Boilers on to victory over Michigan at Ross Ade Stadium.

The College will be traveling a couple of times this fall to gather with alumni. We will be in Chicago on October 14th for a reception at the AAPS meetings, and we will be in Las Vegas on December 2nd for a reception at the ASHP midyear meeting.

Remember to check us out on Facebook and LinkedIN for updates about the College. We hope to see you on campus this fall!

Hail Purdue!

Dana Neary Manager of Alumni Relations & Special Events

#### **Stay Connected!**

Looking to build your professional network? If you are looking for a way to stay informed about your industry and find knowledge needed to achieve your goals, LinkedIn® is an excellent online source. With over 90 million registered professionals, you'll have the opportunity to connect with others including fellow Purdue Pharmacy alumni. In fact, we now have 502 members made up entirely of Purdue Pharmacy alumni, students and faculty!

Also, keep up to date on alumni events, view photos, and reconnect with friends and make new ones on Facebook® If you joined our group some time ago, chances are we lost you when the website recently migrated to a new format for groups. Unfortunately, we could not make the change without starting a new group, and our original group had to be archived. Please take a moment to find us again, or to join us for the first time, so you can learn about upcoming events on campus as well as across the country. Hail Purdue!

Join our Purdue Pharmacy Alumni Group on LinkedIn at http://www.linkedin.com Join the Purdue Pharmacy Alumni on Facebook at www.facebook.com





DATE	EVENT
September 16	White Coat Ceremony
September 28-29	Class of 1962 Reunion
September 29	Family Day
October 6	Pharmacy Couples Tailgate
October 10-11	10th Annual Garnet E. Peck Symposium
October 12	Council and Alumni Board Meeting Student and Alumni Chili Supper
October 13	Homecoming Tailgate
October 14	Alumni and Friends Reception at AAPS (Chicago)
October 31	Pharmacy Days Career Fair
November 1-2	Pharmacy Days Interviews
November 3	Donor Brunch
November 8	Jenkins-Knevel Graduate Research Symposium
November 9	Distinguished Alumni Ceremony
November 16	Varro E. Tyler Distinguished Lecture
December 2	Alumni and Friends Reception at ASHP Mid-Year (Las Vegas)

#### **Faculty & Staff News**











In February 2012. **Dr. Steve Abel** accepted a 50% appointment in the Office of the Provost as an Associate Vice Provost for Faculty Affairs. He will continue in his role as Associate Dean for Clinical Programs in the College, but has stepped down as Department Head of the Department of Pharmacy Practice. The College is grateful for Dr. Abel's leadership as Department Head since 1996 and is delighted he will continue his role as Associate Dean.

The College is also pleased to announce our transitional leadership team for the Department of Pharmacy Practice. In an effort to reduce the workload on any one individual during this transition, we have distributed the responsibilities as follows: Dr. James Tisdale, Interim Head; Dr. Kevin Sowinski, Associate Head for Faculty Affairs; Dr. Karen Hudmon, Associate Head for Operations; and Dr. Steve Scott, Associate Head for Education. We are grateful to each of these individuals for their willingness to serve in their respective capacities.



Dr. Noll Campbell, Research Assistant Professor in the Department of Pharmacy Practice and Regenstrief Institute Investigator, was chosen by the American Geriatrics Society to receive a Merck/American Geriatric Society 2012 New Investigator Award. He was presented the award during the society's annual meeting in Seattle in May. The award is presented to individuals who are committed to a career in aging research and whose original research reflects new and relevant work in geriatrics. Dr. Campbell's research interests include medication management and the burden of anticholinergic medications in cognitively impaired elders. He is the first Doctor of Pharmacy to receive this award.



Cindi Koh-Knox is presented her award by Max Barnhart, Past President of IPA (2011)

The American Pharmacists Association (APhA) Foundation and the National Alliance of State Pharmacy Associations (NASPA) announced in September 2011 the winners of the Bowl of Hygeia Award. The awards, which recognize civic and community leadership among pharmacists, are sponsored by the APhA

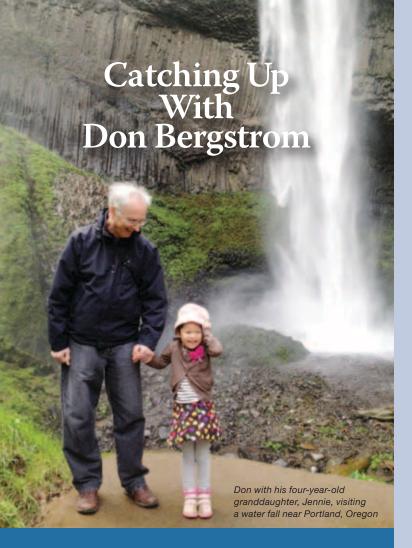
Foundation and NASPA and awarded by participating state pharmacy associations. **Dr. Cynthia Koh-Knox**, Clinical Associate Professor of Pharmacy Practice, was presented the award by the Indiana Pharmacists Alliance.

Dr. Koh-Knox serves as the pharmacist member of a correctional team that works with nonviolent felons with addiction and mental illness who participate in the Forensic Diversion program. Her role is to educate participants and team members about appropriate use of medications, advocate for medical attention when needed, and monitor medication adherence. She also runs a "pharmacy hotline" where the participants are able to talk to a pharmacist or student pharmacist about any medication-related questions. She has turned this service into a very innovative elective APPE rotation.



The College of Pharmacy is pleased to announce that Dr. Matthew Murawski, Associate Professor of Pharmacv Administration, is the recipient of the 2012 Dr. Aziz Teacher of the Year Award. The award. established by Hamid Abbaspour (BS 1985) to honor the memory of his brother Dr. Aziz Abbaspour, is presented by the College in recognition of the outstanding contributions by the recipients to the students. He was presented

the award during the Pharmacy Graduation Banquet on April 27, 2012.



Donald E. Bergstrom **Professor Emeritus of Medicinal Chemistry** 



Dr. Donald Bergstrom joined the Purdue faculty in 1989 and retired as the Walther Professor of Medicinal Chemistry in December 2011. Since retirement. Don moved to Portland, Oregon, on the Willamette River just a thirty minute walk from

City Center where he spends much of his time participating in family activities, especially teaching his grandchildren. "As the weather improves, we will be taking day trips to the ocean and the Willamette Valley wine country. I also plan to spend more time on art projects in the future," he says. The College was pleased to have the opportunity to catch up with Don and ask him to reflect on his career and the profession.

#### What first drew you to your interest in pharmacy?

My original interests lie in the area of nucleic acid chemistry. These interests evolved to the development of molecules that could act as therapeutics by operating on pathways of nucleic acid biosynthesis.

#### Why did you choose this career?

This career provided me with an opportunity to design and build molecules that were of interest in multiple domains, including nucleic acid biochemistry, medicine, and material science.

#### What are some of the biggest changes you've seen in the profession over the years?

The evolution of synthetic technology and the development of new drugs has certainly evolved, but the biggest changes have been in the support technologies, instrumentation, computers, and internet communication.

What have been some of your greatest joys (and challenges) in working with faculty and students over the years?

I have especially enjoyed working with graduate students and watching their careers develop over the years.



Dr. Carol Ott. Clinical Associate Professor of Pharmacy Practice, was interviewed by

TV Channel 18 on April 23, 2012 about the importance of early intervention in treating mental illness. A public seminar was held at Sycamore Springs Mental Health and Addiction Treatment Center in Lafayette where Dr. Ott was the program's speaker. You can read the entire story at www.wlfi.com/ dpp/news/local/early-interventionis-key-to-treating-mental-illness.



Dr. Lynne Taylor, Professor of Industrial and Physical Pharmacy, Dr. Jared Baird (BS 2006, PhD 2011), and visiting scholar Dr. Bernard

van Eerdenbrugh earned the 2012 Ebert Prize from the Journal of Pharmaceutical Sciences for their paper entitled "A Classification System to Assess the Crystallization Tendency of Organic Molecules from Undercooled Melts." The Ebert Prize, the oldest pharmacv award in the United States, is awarded to the best paper in JPharmSci containing original investigation of a medicinal substance. Their paper appeared in the September 2010 issue, which was dedicated to Dr. Steve Byrn. You may read more at www.ipph.purdue.edu.



Steve Abel poses with Susan White durina her retirement reception

The College of Pharmacy extends its sincere gratitude to Susan White (BS 1980), Director of the Purdue University Pharmacy, for her 20 years of service to the University. A retirement reception was held in her honor on May 4, 2012 in the Heine Pharmacy lobby adjacent to the pharmacy to celebrate her many contributions to the College.

#### FACULTY SPOTLIGHT

#### **Val Watts**

Professor of Medicinal Chemistry and Molecular Pharmacology

Dr. Watts' research is designed to use a multi-disciplinary approach, combining molecular biology, pharmacology, and biochemistry, to study the pharmacology and signaling mechanisms of G proteincoupled receptors (GPCRs).

His most recent research involves a drug discovery effort in the area of insecticides. These studies are carried in collaboration with Dr. Catherine Hill, Associate Professor of Entomology in the College of Agriculture. Drs. Watts and Hill have found that vector insects, which carry and transmit infectious pathogens or parasites to other living organisms, are developing resistance to insecticides sprayed in the

air or embedded in bed nets, thus making the insecticides less effective.

This insecticide resistance increases the risk of transmitted diseases to both humans and animals. The Hill lab has identified more than 100 different GPCRs in the genomes of the Aedes aegypti mosquito vector of dengue and yellow fever, the Anopheles gambiae mosquito vector of malaria, the Culex quinquefasciatus mosquito vector of filariasis and encephalitis, and the Ixodes scapularis tick vector of Lyme disease. These studies have provided a basis for the functional characterization of GPCRs and their prioritization as



potential subjects for insecticide development. Due to their presumed significance in insect neurobiology, biogenic amine (e.g. dopamine, tyramine, and serotonin) receptors are highly attractive candidates to explore as new targets for chemical control. The Watts lab has been engaged in the pharmacological characterization and High Throughput Screening (HTS) assay development of several dopamine and tyramine receptors.

Their most recent efforts have led to the identification of more than 40 chemistries with insecticidal activity against mosquitoes. These compounds have activity that is equivalent to or better than most currently available agents. Additional studies are aimed at developing new insect targets, novel screening technologies with increased throughput, and establishing partnerships with computational and medicinal chemists. These ongoing efforts include Purdue Discovery Park and Dr. Marcus Lill in the College of Pharmacy. Drs. Hill and Watts are also interested in establishing industrial collaborations in an effort to develop technologies for the formulation and delivery of these novel insecticides.



To learn more, please read "Purdue researchers look to develop new method to control disease-carrying insects," Purdue University News Service (January 30, 2012), at www.purdue.edu/ newsroom/research\_park\_foundation/ 2012/120130HillWattsInsecticide.html.



#### ALUMNI, STAFF & STUDENT ACTIVITIES

#### **Graduate Student Awards Symposium**

The annual College of Pharmacy Graduate Student Awards Symposium took place on November 3, 2011 in the Lawson Building on campus. Several faculty and graduate students attended to view presentations given by the recipients of both the Albert and Anna Kienly Awards for Outstanding Teaching by a Graduate Student and the Jenkins-Knevel Awards for Excellence in Research.



The Kienly Award recipients (L to R) Neeraj Iyer (Pharmacy Practice), Wyatt Roth (Industrial and Physical Pharmacy), Dr. Robert Geahlen, Associate Dean for Graduate Programs, and Frank Ankudey (Medicinal Chemistry and Molecular Pharmacology)



The Jenkins-Knevel Award recipients (L to R) Zohreh Amoozgar (Industrial and Physical Pharmacy), Dr. Robert Geahlen, Ahmed Mohamed (Pharmacy Practice), and Jaimeen Majmudar and Jonathan Schlebach (both Medicinal Chemistry and Molecular Pharmacology)

#### Pharmacy Student says, "Yes!"

On February 29, 2012, one Pharmacy student had more to celebrate than just a win at the Purdue men's final basketball home game of the season. Seniors Emily Richardson (2013 PharmD candidate) and Adam Bauer (BS 2012, Mechanical Engineering) met on the first day of college during freshman orientation. For the past five years, the couple has participated in the Paint Crew and cheered on the Boilermakers together, but this last game they witnessed as students will no doubt be their most memorable. During the game, positioned in the front row, Adam proposed to Emily while surrounded by friends and family. Emily's parents, Melanie and Marv Richardson (BS 1980), were thrilled to be included in the engagement and are very happy for their daughter and future son-in-law. WLFI Channel 18 News captured the exciting moment; you can view the video of the proposal at www.wlfi. com/dpp/news/local/couple-gets-engaged-atpurdue-game.



Adam Bauer proposes to Emily Richardson Photo by Paul Sadler, Purdue Intercollegiate Athletics

#### ALUMNI, STAFF & STUDENT ACTIVITIES

#### Class of 1976 Reunion

On November 11 and 12, 2011 the College of Pharmacy welcomed back to campus the Class of 1976. Drs. Steve Abel and Steve Scott served as co-chairs for the event that hosted twenty-two of their fellow classmates. Retired faculty Nick Popovich, Mary Losey, Bob Bennett, Pat Fletcher, and Stan Shaw also attended the weekend's events and enjoyed reconnecting with their former students. Alumni enjoyed a building and campus tour as well as roundtables with current pharmacy students on Friday afternoon. There was a lovely reunion dinner later that evening at the Holiday Inn Select in downtown Lafayette. Saturday's tailgate at the Birck Boilermaker Golf Complex was a nice start before the Ohio State football game.



The campus tour included a stop by the fountain





The Class of 1976 enjoyed posing for photos before dinner



#### **APhA Annual Meeting**

The College of Pharmacy held an Alumni and Friends Reception at the APhA meeting in New Orleans on March 11, 2012. Over fifty alumni, friends and students attended the reception at the Hilton Riverside Hotel. Attendees enjoyed meeting with Dean Craig Svensson and the seventeen Pharmacy students just as much as eating the great New Orleans food!

Nuclear pharmacy students pose with Dr. Kara Weatherman and Dean Craig Svensson

#### ALUMNI. STAFF & STUDENT ACTIVITIES



Walgreens representatives and Purdue Pharmacy alumni gather at the dedication in Indianapolis (L to R) Kelly Baranko, Mark Smosna (BS 1999), Jill Biss (PharmD 2010), Greg Wasson (BS 1981), Ron Rosich (BS 1981), Marvin Richardson (BS 1980), Senior Associate Dean Holly Mason, Stevan Mizimakoski (BS 1999), Bill Cover (BS 1989), and David Lovejoy (BS 1982)

#### **Walgreens In the News**

Purdue College of Pharmacy alumni and staff attended a Walgreens grand re-opening dedication on January 19, 2012. Special guests including Senator Richard Lugar, Tony Dungy, former Indianapolis Colts Head Coach, and Sarah Fisher, IZOD IndyCar Series team owner, joined Walgreens President and CEO Greg Wasson (BS 1981) for the ribbon-cutting ceremony.

The store located at 16th and Meridian in downtown Indianapolis was remodeled as part of Walgreens transformation from the traditional drugstore format into a health and daily living format. All 68 Indianapolis stores have been redesigned to better serve the customers' needs.

"Our new health and daily living stores help people live well, stay well and get well," said Wasson. "At the core of this approach is our effort to bring the pharmacist out from behind the counter so they can provide more counseling to patients, offer clinical services and answer questions. By advancing the role of the community pharmacist in this way, we believe we can create better health outcomes, prevent hospitalizations and save money for patients, employers, insurers and the health care system."

Some of the changes customers will find include a pharmacist located up front to offer patient consultation and services such as vaccinations, as well as a health guide—a staff member equipped with an iPad to answer product and service questions and help customers navigate the store. Other changes include fresh fruits and vegetables, prepared salads and wraps for on-the-go meal options and an

enhanced beauty department display.

Walgreens representatives Erin Meeker, Pharmacy Campus Relations Manager, and Stevan Mizimakoski (BS 1999), Pharmacy Supervisor, present a check to Dean Craig Svensson on February 2, 2012 to continue their support of pharmacy scholarships and Multicultural Programs.

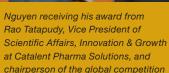
The March 2012 issue of Chicago Magazine (www.chicagomag.com) listed the "100 Most Powerful Chicagoans." The College of Pharmacy is proud to read that pharmacy alum Greg Wasson (BS 1981), President and CEO of Walgreens, appeared as number 31 on the list.

#### **Nguyen Recognized in Global Academic Competition**

Industrial Pharmacy graduate student Trung Zuan Nguyen received the runner-up award in the research proposal category at the 2012 Global Academic Competition for Life Science Leaders of Tomorrow sponsored by Catalent Pharma Solutions. This competitive program aims to identify the world's premiere scientific talent and innovative research at the university level while rewarding academic excellence.

The competition was open to university students enrolled in graduate programs in pharmaceutical science, industrial pharmacy, drug delivery, drug development, or related disciplines. Participants were asked to submit either an original research article focusing on challenges in drug development and/or drug delivery, or a research proposal that clearly described an original, innovative research project in drug development/delivery. Among the schools invited to participate were Purdue

University, the University of Mississippi, Rutgers University, the University of Marvland. The Ohio State University, University of Bristol, UK, and the Chatenay Malabry Pharmacy School in France.



Nguyen won for his

proposal titled "The Design, Synthesis and Biological Evaluation of Indenoisoquinolines as Potent Dual Topoisomerase 1, Tyrosyl-DNA Phosphodiesterase 1 inhibitors." He received his award and a check for \$500 at a ceremony held at Catalent's headquarters in Somerset, New Jersey, on May 14. During his visit, he was able to tour the facility and enjoy lunch with company executives and other award winners.

#### **CLASS NOTES**

#### 1950-1959

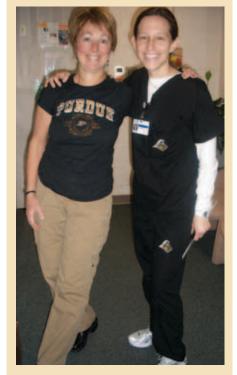
Hideko Kaji (PhD 1958) was elected as an American Association for the Advancement of Science (AAAS) Fellow in February 2012. He was honored for his distinguished contributions to biology by discovering specific tRNA binding to mRNA-ribosome complexes, N-terminal protein modification by arginine, and ribosome recycling, the last step of protein synthesis.

#### 1960-1969

**Gary Dominy** (BS 1968) of South Bend, IN, retired after 43 years from the Hook Drug Company and all its successor companies.

Joel Heeg (BS 1966; MS 1970 and PhD 1974, Health Sciences) was awarded the 2011 Annual Society of Hospital Pharmacists of Australia Achievement Award. This award recognizes a Western Australian pharmacist who has made significant contributions to the profession of pharmacy, particularly in a hospital setting. He is the executive officer for the department of pharmacy at Sir Charles Gairdner Hospital and a member of the Western Australia Drug Evaluation Panel.

Wayne Richey (BS 1963) shares that it has now been 20 years since he retired from the US Air Force after a 28 year career. He now only works about 30 hours a week as a pharmacist. He and his wife, Marcia, enjoy traveling when not working. They both have been to all 50 states and are now expanding their list of international countries. Their doors are always open for visitors passing through Texas.



#### 1970-1979

Anne Eggers (BS 1974, MS 1976) of Olney, MD was surprised to learn that one of her of co-workers at Montgomery General Hospital is a graduate of Purdue! Anne, along with Mary Cox (BS 2005, Nursing), take time to show their black and gold on weekends while their husbands cheer for Purdue from the home fronts.

Jane Krause (BS 1981) was excited to reconnect with fellow pharmacy alumnae and Zeta Tau Alpha sorority sister Marcia Manly (BS 1979) on November 11, 2011. Marcia and her husband, David (MS 1979, Management) visited Purdue to meet with current pharmacy students.



Manly and Krause

In December 2011, the American Association of Pharmaceutical Scientists (AAPS) named Robert Lipper (BS 1973) the coeditor of the AAPS Advances in the Pharmaceutical Sciences Series. He will team up with AAPS and its publishing partner to propose new volumes and authors to develop the series. AAPS states that the book series is "designed to deliver well written volumes authored by opinion leaders and authoritarians from around the globe, addressing innovations in drug research and development, and best practice for scientists and industry professionals in the pharmaceutical and biotechnology industries."

#### 1980-1989

In October 2011, **Kerry Pickworth** (BS 1984, PharmD 1985) was inducted as a Fellow of the American College of Clinical Pharmacy (ACCP). She was previously promoted to Associate Professor of Clinical Pharmacy at The Ohio State University College of Pharmacy in 2009.

Anthony Zmirski (BS 1983) passed his Board Certification in Nutritional Support (BCNSP) as well as the exam administered by the NCBDE (National Certification Board for Diabetes Educators) to become a Certified Diabetes Educator (CDE). He also met the requirements to become a Fellow of the American Society of Consultant Pharmacists (FASCP). Tony is a Team Care Manager at Memorial Hospital/Beacon Health System of South Bend.

#### CLASS NOTES

#### 1990-1999

Brenda (Ohlwine) Langille (BS 1990) married Richard Bruce (Rick) Langille on September 4, 2011. Along with friends and family they enjoyed a beautiful outdoor ceremony at the Dove House near their home in Lafavette. Colorado. This Purdue Princess looks



forward to sailing off in the sunset with her "Farm Boy," since they hope to retire in the next 5 years to a life of sailing.

Tina (Gurtner) Leavell (BS 1999) and her husband, Parry (BS 1996, Agriculture), welcomed the birth of their beautiful adopted son, Luca Gian, on November 28, 2011. He weighed 7 lbs



6 oz and measured 20 3/4" long. The proud parents say he's a future Boilermaker since he sleeps in a nursery decorated entirely in gold and black!

#### 2000-2010

David Alonzo (BS 2005, PhD 2010) married Emily Hill (BS 2003, Health Sciences) on April 23, 2012 in Kauai, Hawaii.

Jared Baird (BS 2006, PhD 2011) is a recipient of the 2012 Ebert Prize from the Journal of Pharmaceutical Sciences for his paper entitled "A Classification System to Assess the Crystallization Tendency of Organic Molecules from Undercooled Melts." He was presented the award at the APhA Annual Meeting and Exposition in New Orleans in March. Jared is a scientist at Allergan, Inc. To read more about this award, please refer to page 33.

Joe and Lindsey (Agnew) Baugh (PharmD 2005) sadly share the news that their second child, Jaycee Rapunzel, passed away shortly after her birth on December 31, 2011. She was diagnosed with Trisomy 13 at about 20 weeks and was born weighing only 2 lbs 6.4 oz and measuring 15" long. The family was blessed to have what little time they had with her, and she will be dearly missed.

Trung (BS 2001, MSE) and Erin (Witte) Chenh (PharmD 2003) welcomed the birth of their daughter, Hannah Grace, on October 22, 2011. Their son, Matthew, is ecstatic to be a big brother.



Baird (far R) receives the Ebert Prize Photo courtesy of Robb D. Cohen Photography

Brad White (BS 1996) and his father, Paul White, were featured in National Community Pharmacy Association's magazine, America's Pharmacist, in the September 2011 issue. The article, "Fighting for Independents," documents their family company and local pharmacies, as well as the weekly radio program "Health Matters with the Medicine Center Pharmacy" they host on WHBC 1480 AM (www.whbc.com).

Brad White and his father on the radio



#### **CLASS NOTES**

Joseph and **Anna (Kaiser) Creager** (PharmD 2006), along with their daughter, Emma (3), welcomed a new addition to their family. Max Joseph was born on December 29, 2011 at Parkview North Hospital in Fort Wayne, IN, weighing 7 lbs 4 oz and measuring 19 3/4" long.



Brian and **Jamie Conley-Lebeter** (BS 1997, Health Sciences; PharmD 2002) were blessed with twins on October 14, 2011. Journey Faith and Liam Gracin are joined by their proud big brother Brandon (18, in the U.S. Army), Mystery (14) and Jacob (12). Jamie also transferred from IU Health Bloomington Anticoagulation Clinic to IU Health West Hospital in the Fall of 2011 as the Operations Manager of the inpatient pharmacy.

**Bradley McCrory** (PharmD 2002) and his wife, Tori (BS 2000, Management), welcomed the birth of their second son, Colin James, on January 15, 2012. He weighed 10 lbs 9 oz and was 22" long.



He and big brother Nathan (2) are doing great!

Matt (BS 2004, Liberal Arts) and **Nicole (Pitello) Morgan** 



(PharmD 2007) welcomed the birth of their first child, Grace Julia, on April 23, 2012.

Kyle and **Danielle (Jones) Mullins** (PharmD 2009) welcomed their first child, Landry Ryan, into the world on January 20, 2012. He weighed 8 lbs 12 oz and measured 21" long.



Alice Naretta (PharmD 2001) married Nathan Hemenway on October 2, 2011 in Rockford, IL.

James Perrou (BS 2000) left his position as a pharmacy manager in order to start his own pharmacy. He contracted with HealthMart and opened DuPont HealthMart Pharmacy in DuPont, WA, in November 2011.



Elizabeth (Darrah) Solak (PharmD 2007) married Jeff Solak (BS 2005, Management) on October 15, 2011 in Chicago, IL. **Jala (Schortgen) Stout** (PharmD 2002) married Chris Stout on



September 17, 2011 in Indianapolis, IN. They both work at Eli Lilly & Company in Indianapolis.

Aaron and **Surilda Clark-Sturm** (PharmD 2008) welcomed the birth of their daughter, Caitlin Maureen, on September 5, 2011.

Jessica Tilton (PharmD 2002), Clinical Assistant Professor of Pharmacy Practice, University of Illinois-Chicago College of Pharmacy, became board certified in Ambulatory Care through the Board of Pharmaceutical Specialties, American Pharmacists Association.

#### Divya (Abraham) Varkey

(PharmD 2004) and her husband, Alex, welcomed their daughter into the world on November 11, 2011. Annika Sara weighed 6 lbs 7 oz and measured 20" long.

**Joseph Weil** (PharmD 2010) married Emily Kuhr (BA 2009, Liberal Arts) in Evansville, IN, on October 15, 2011.

#### IN MEMORIAM

Nancy A. (Majean) Adams (BS 1952)

David L. Barrett (BS 1976)

Jerome M. Beck (BS 1955)

Jerry D. Becknell (BS 1962)

David N. Brown (BS 1954)

**Alan B. Crill, Sr.** (BS 1959)

Raymond G. Daoust (BS 1960)

William A. Eldridge (BS 1952)

John L. Emmerson (BS 1958, MS 1960, PhD 1962)

Richard F. Faga (BS 1971)

Jay B. Farrar (BS 1978)

David B. Glass (BS 1970)

Lahrie J. Guthrie (BS 1963)

**Bruce G. Hancock** (BS 1975, MS 1977)

William V. Hoagland (BS 1951)

Donald H. Jablonski, Sr. (BS 1963)

Joan H. (Lowell) Johnson (BS 1953)

**Arthur L. Kunz** (BS 1956, MS 1958, PhD 1964)

R. William MacBeth (BS 1948)

William Meinberg (BS 1952)

Donald Moore (BS 1953, Distinguished Alum 1993)

Lawrence O. Newman (BS 1950)

Randy J. Osburn (PharmD 2007)

F. Ned Robison (BS 1959)

Christopher A. Rodowskas (MS 1963, PhD 1968)

Douglas E. Scudder (BS 1978)

Donald A. Slattery (BS 1938)

George E. Tkacz (BS 1965)

Thomas W. Ullrich (BS 1951)

Daniel P. Weaver (BS 1977)

James F. White (MS 1977, PhD 1979, Distinguished Alum 2003)

Sidney J. Zemel (BS 1949)



#### **BEG YOUR** PARDON

Fall/Winter 2011

Pages 6-15 (Donor Honor Roll) -

The College of Pharmacy extends its sincerest apologies to the following individuals for being incorrectly listed or omitted from the Pharmacy Donor Honor Roll. Prakash and Ujjvala Nadkarni should have appeared in the RX Select Club. Mildred B. Jarvis should have appeared in the Dean's Club. Kara Weatherman should have appeared in the Dean's Club Inner Circle. In the R.B. Stewart Society listing, Allen & Hester Collins should have

appeared in bold to indicate that their estate gift has been earmarked to benefit the College of Pharmacy. Their daughter, Carolyn Collins (BS 1970), was accidentally indicated as also being deceased, which she most certainly is not.

Page 30 - We are terribly sorry that Edmond Fennell's name was incorrectly printed as Edward.

Page 39 - The son of Jim and Darlene Branham was incorrectly identified in the photo caption under the Homecoming Weekend Festivities. Paul Branham is a Purdue student, but not in pharmacy.

#### **Update** your info

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

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

OR

MAIL TO: College of Pharmacy

Purdue University Heine Pharmacy Building,

Room 104

575 Stadium Mall Drive

West Lafayette, IN 47907-2091

FAX: (765) 494-9587

We encourage you to update your contact information so we can continue to keep you informed about the College of Pharmacy. You will be given the opportunity to advise us whether or not to share your news in The Purdue Pharmacist. Class Notes only reports those events that have actually occurred; this precludes engagements and pregnancies. We also do not report divorces, and we reserve the editorial discretionary veto. If you would like to submit a photograph (i.e., wedding and baby portraits), please mail them to the above address or email them to the Editor; they will be 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.



College of Pharmacy

Purdue University Heine Pharmacy Building, Room 104 575 Stadium Mall Drive West Lafayette, IN 47907-2091 Non-Profit Org. U.S. Postage PAID Permit #74 Lafayette, IN

