

# THE PURDUE PHARMACIST

Summer 2009 | Volume 85, Issue 2



1884 - 2009  
Celebrating  
**125** Years  
School of Pharmacy and  
Pharmaceutical Sciences

**PURDUE**  
UNIVERSITY

## FROM THE DEAN



The *Purdue Pharmacist* that you hold in your hands has undergone a face lift—a fitting experience to mark the entrance into our 125th year as a School. Beginning on page 18, you can view the many faces of *The Purdue Pharmacist* over the years. Like our program, it has changed over time but maintained the same commitment to excellence in achieving its goals.

Through the current issue, you will journey back in time to review some of the key events and people that have shaped the School of Pharmacy and Pharmaceutical Sciences. In these pages, we have chosen to highlight the history of two programs in particular. First, the evolution of diversity in the School is outlined beginning on page 10. The story of Dr. Dolores Shockley, who will be inducted as one of our newest Distinguished Alumni on October 30th, reminds us of the hard reality that our institution has not always been the welcoming place we desire. Gratefully, the story also includes special people committed to making Purdue a welcoming and supportive environment to all who engage our campus. Second, Purdue's special place in the development of nuclear pharmacy is highlighted on pages 16-17. As is often the case, this story also revolves around visionary individuals who seized the opportunities that lay before them.

In these pages, you will also learn of the people and programs that are creating the future for Purdue Pharmacy. Dr. Sonak Pastakia has taken our global outreach to a higher level through the expansion of the Purdue Pharmacy Kenya Program (page 24). On page 26, we introduce Dr. Elizabeth Topp, our new Department Head and the first holder of the Dane O. Kildsig Chair in Industrial and Physical Pharmacy. It is individuals such as these that give us confidence that Purdue Pharmacy will continue its strong tradition of excellence!

CRAIG K. SVENSSON  
Dean

### THE PURDUE PHARMACIST

*Volume 85, Issue 2 (SUMMER 2009)*

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Summer 2009



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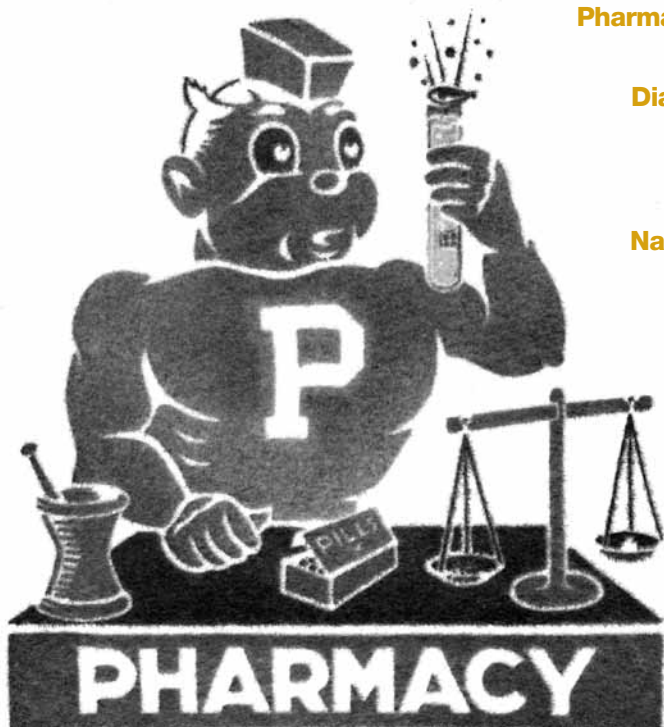
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ON THE COVER:

**125 Years of Excellence**

The School of Pharmacy and Pharmaceutical Sciences celebrates its 125th Anniversary

# 125 Years of Excellence

**Celebrating Our Past and Building Our Future** *by Dean Craig K. Svensson*



*“Be careful what you ask for, you just might get it!”*

I am not sure if John N. Hurty ever heard those words, but he could have coined them. When this Indianapolis community pharmacist suggested to Purdue President James Smart that the university should start a school of pharmacy, he most likely had no thought that he would lead the fledgling program as it opened its doors in 1884. Yet, we who are a part of the Purdue Pharmacy family owe a tremendous debt of gratitude for Hurty’s passion for his chosen profession and desire to see the Hoosier state served by highly qualified pharmacists. When he and the other three faculty members that comprised the program developed the original plan of study, they charted a course for excellence that continues to this day.


Since opening our doors in 1884, the School has observed and been a part of many changes in the profession of pharmacy and the sciences that form its foundation. While many of us tired of the 40 year debate over the BS versus PharmD as the entry level degree, degree diversity existed in the early stages of the School. In 1897, the School instituted the option for students to earn a PhG (Pharmacy Graduate), PhC (Pharmaceutical Chemist) or BS (4 year) degree. Our predecessors apparently made decisions more quickly than in recent time, as it only took 33 years to decide to offer the BS as the entry level degree, becoming the sole program for graduating pharmacists in 1930.

Few living pharmacists can remember the profession without access to antibiotics or other life-saving medications that are taken for granted by most of us today. Yet the program was no less rigorous in those early days in its expectations of students. When the program began, materia medica was largely plant derived and required expertise in botany, chemical extraction, and other subjects that necessitated intensive laboratory experiences. The art of pharmacy was an essential component of daily practice, with most therapeutic options requiring some level of extemporaneous compounding. By necessity, the emphasis





1884 - 2009

*Celebrating*  
**125** Years   
School of Pharmacy and  
Pharmaceutical Sciences

**THE IMPACT OF THE PURDUE PHARMACY PROGRAM HAS LONG REACHED WELL BEYOND THE CONFINES OF WEST LAFAYETTE. PURDUE WAS A LEADER IN THE DEVELOPMENT OF PHARMACY ADMINISTRATION AND CLINICAL PHARMACY. FACULTY RESEARCH AT PURDUE HAS INFLUENCED THE WAY WE MANUFACTURE DRUGS, REGULATE ENVIRONMENTAL CHEMICALS, AND DELIVER PATIENT CARE.**

of the educational program focused on preparing professionals who could create high quality and uniform products tailored to individual patients (Perhaps this individualization presaged the modern genomics era!).

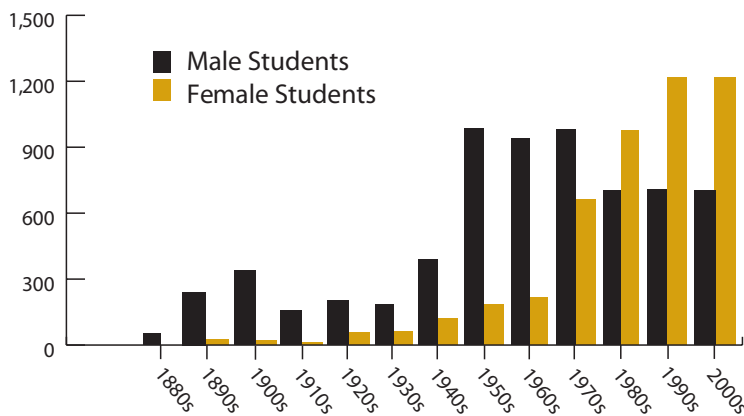
The mass manufacturing of pharmaceutical products containing highly potent drugs created a sea change in pharmacy practice. What was once the art of pharmacy became the purview of national manufacturers and the ‘mystery’ of pharmacy practice stood at risk of being reduced to transferring products from large to small containers. While the change in drug source occurred rapidly, changes in the profession occurred at a somewhat slower pace. Fortunately, we have continued to benefit from faculty who were able to see what could be rather than simply what existed at present. They have continually dedicated themselves to preparing the pharmacists of tomorrow while urging the pharmacists of today to seize emerging opportunities.

As advances in pharmacology provided a stronger platform for drug development, the growth of critical knowledge in biopharmaceutics and pharmacokinetics created an opportunity

for pharmacists to contribute their unique training to improve the rational use of drugs. This led to a greater emphasis on pathophysiology and clinical assessment of drug response in pharmacy curriculum across the country. A special challenge to the pharmacy program at Purdue was its geographic isolation from a major medical center that could provide much needed clinical experience for student pharmacists, as well as important practice sites for a developing cadre of clinical faculty. Our program benefited from the presence of path blazing faculty, such as Dr. Bruce Carlstedt, who created a footprint on the IU Medical Center that today serves as home for over 20 faculty in the Department of Pharmacy Practice.

The impact of the Purdue pharmacy program has long reached well beyond the confines of West Lafayette. Purdue was a leader in the development of pharmacy administration and clinical pharmacy. Faculty research at Purdue has influenced the way we manufacture drugs, regulate environmental chemicals, and deliver patient care. Our faculty have produced educational materials that serve as the platform for teaching organic chemistry, pharmacology, and several other topics in universities across the country. Today, our program touches the neediest of patients in western Kenya and the drug development leaders of tomorrow in Tanzania.

Though not an alumnus, I was impacted by faculty at Purdue in several different ways during my years in pharmacy school. I well remember reading Dr. Carlstedt’s regular articles in the *US Pharmacist* while working in a community pharmacy in central Maryland. I also owe a debt of gratitude to one of my Dean predecessors, ‘Tip’ Tyler, for his special assistance while I was a pharmacy student in Baltimore. Like many programs in the 1970s, we used Dean Tyler’s pharmacognosy textbook as a part of our curriculum. One semester I faced a



1924  
Inaugural Issue

**VISUAL HISTORY OF THE PURDUE PHARMACIST**

*Not only has the history of our School evolved through the decades, so has our alumni publication. Let the following covers take you on a visual journey through time.*







*Dr. Pedicord's class in 1961*

challenging dilemma—I needed to replace my shoes, which had developed a hole in the sole. Not having the money to buy a new pair, I decided to sell one or more of my textbooks to get the cash. It turned out that Dean Tyler's book had the highest resale value. Thanks to Dean Tyler's quality textbook, I was able to complete the program with dry feet!

One benefit of anniversaries is that they provide a designated moment to pause and reflect on the past. Reviewing the rich tradition of Purdue Pharmacy certainly creates a sense of

admiration for those on whose shoulders we stand. It also evokes a sense of responsibility to assure that we who are the current stewards of the program leave it on a trajectory to enrich this great tradition. I can assure you that our faculty and staff are dedicated to adding to the rich tradition we inherited upon joining the School. With opportunities for pharmacists and pharmaceutical scientists broader than ever before, the days ahead promise to be ones of great opportunity!



1932



# Deans of the School of Pharmacy

## *Past & Present*



**Charles B. Jordan**  
1924-1941

Charles B. Jordan was the Dean of the School of Pharmacy at Purdue University from 1924 to 1941. Prior to becoming Dean, he served as Director of the Department of Pharmacy and Pharmaceutical Chemistry at Purdue from 1910 to 1924. Jordan's education included a BS, PhC, and MS in Pharmacy from the University of Michigan.

During his tenure as Dean, Jordan planned the first Pharmacy Building that was erected in 1930, and he initiated the publication of *The Purdue Pharmacy Alumnus*. He also began Extension Services for Community Pharmacists. Best known for raising and maintaining high standards in pharmacy education, he was dedicated to the advancement of pharmacy nationally and is remembered as one of the Deans who elevated the Purdue School of Pharmacy's stature and rank in the nation. He added courses to the curriculum in physiology, pharmaceutical arithmetic, food and drug analysis, and therapeutics, as well as history and languages, and he laid the foundation for graduate work in pharmacy.



**Glenn L. Jenkins**  
1941-1966

Glenn L. Jenkins spent twenty five years of his career at Purdue University, serving as Dean of the School of Pharmacy from 1941 to 1966. He held a BS, MS, and PhD in Pharmaceutical Chemistry from the University of Wisconsin. He was a professor of pharmaceutical chemistry at the University of Minnesota when he got a call from Purdue President Edward Elliott about becoming the Dean of the School of Pharmacy.

Jenkins is the recipient of APhA's Ebert Medal, the Remington Medal, the LL.D. degree by the University of Toronto, and the Honorary Doctorate from Purdue. He served as President of AACP and APhA, and Vice President of the American Association for the Advancement of Science. He also wrote several books including six editions of *Quantitative Pharmaceutical Chemistry*. An advocate for graduate study and research in pharmacy, more than 200 men and women received degrees either directly under him or with him, and he introduced research into what was essentially a training school for retail pharmacists.

1941

1947







**Varro E. Tyler**  
1966-1986

Varro E. Tyler graduated in pharmacy from the University of Nebraska in 1949 and attended Yale University as an Eli Lilly Research Fellow the following year. After receiving his MS and PhD degrees from the University of Connecticut, he was appointed Associate Professor and Chairman of the Department of Pharmacognosy at the University of Nebraska, leaving in 1957 to join the University of Washington.

Tyler accepted the appointment as Dean of the School of Pharmacy and Pharmaceutical Sciences at Purdue University in 1966. When the Schools of Nursing and Health Sciences were established at Purdue and combined with Pharmacy in 1979, he became Dean of the Schools of Pharmacy, Nursing, and Health Sciences and held that position until he left in 1984 to serve as a visiting professor at the University of Göttingen in Germany. Upon returning to Purdue in 1986, he was appointed Executive Vice President for Academic Affairs. He stepped down in 1991 to continue his research career as the Lilly Distinguished Professor of Pharmacognosy in the Department of Medicinal Chemistry and Pharmacognosy. It was Tyler who knitted the two functions of teaching and research into a cohesive, dynamic, quality whole.



**Charles O. Rutledge**  
1987-2002

Charles O. “Chip” Rutledge earned his BS in Pharmacy (1959) and MS in Pharmacology (1961) from the University of Kansas, and a PhD in Pharmacology from Harvard in 1966. He accepted a NATO postdoctoral fellowship to study in Gothenburg, Sweden. Upon his return to the states, he joined the faculty at the University of Colorado in 1967 until returning to Kansas in 1975. In 1987, Rutledge came to Purdue as Dean of the three schools of Pharmacy, Nursing, and Health Sciences.

His most important accomplishments during his tenure include the approval of the first strategic plan and the marked expansion of the professional doctorate to become the sole entry-level degree for the entrance into the profession of pharmacy. He acquired facilities at Wishard Hospital at IUPUI, activated the BS pharmaceutical science four-year undergraduate program, combined the Department of Medicinal Chemistry and Pharmacognosy with the Department of Pharmacology and Toxicology to form the Department of Medicinal Chemistry and Molecular Pharmacology, initiated numerous programs to expand the appreciation of the value of diversity, began construction of The Chao Center for Industrial Pharmacy and Contract Manufacturing, and instituted the Dean’s Executive Forum course.

In 2001, Rutledge became Program Director of Discovery Park, splitting his time between that and the School. In 2002, he retired as Dean after fifteen years of exemplary leadership. He retired full-time from the University in 2007 as Vice President for Research.

“All of the changes that occurred while I was Dean were the result of the development and successful implementation of the strategic plan, largely due to the energy and enthusiastic leadership of the Executive Committee of the School consisting of the two Associate Deans, the three Department Heads and the Director of Development. In preparation for designing the plan, we studied the forces of change that were then affecting the science and profession of pharmacy. These were: the impact of computerization and technology, the science of biotechnology, the impact of the newly developing field of pharmacoeconomics, and the impact of lifestyle changes on health such as aging, substance abuse, obesity, etc.”

Charles O. Rutledge

1951





**John M. Pezzuto**  
2002-2006

In 2002, John M. Pezzuto assumed the role of Dean of the Schools of Pharmacy, Nursing, and Health Sciences at Purdue. He received his bachelor's degree in chemistry from Rutgers University in 1973 and doctorate in biochemistry from the University of Medicine and Dentistry of New Jersey in 1977. He then performed two years of postdoctoral work in the Department of Chemistry at Massachusetts Institute of Technology and one year as instructor of chemistry at the Department of Chemistry at the University of Virginia. He came to Purdue following twenty-two years as a faculty member and administrator at the University of Illinois at Chicago (UIC). At the time of his appointment as dean, Pezzuto held the rank of full professor in the College of Medicine

at UIC. He also served as Associate Dean for Research and Graduate Education, UIC College of Pharmacy, Deputy Director of the UIC Cancer Center, and Head of the Department of Medicinal Chemistry and Pharmacognosy.

The introduction of pharmaceutical care management at Wishard Memorial Hospital, the revision of the BSPS curriculum, the establishment of the combined PharmD/MSIA degree, and the completion and staffing of The Chao Center for Industrial Pharmacy and Contract Manufacturing came to fruition under the direction of Pezzuto. He left Purdue in 2006 to become the Founding Dean of the School of Pharmacy at the University of Hawaii in Hilo where he remains today.

"To serve as Dean of the College of Pharmacy, Nursing, and Health Sciences at Purdue University is a great honor that has been experienced by only a few individuals over the past 125 years. Nothing was as striking as the extraordinary loyalty of the alumni, many of whom are world-renowned, and all of whom personify the greatness of the College and the profession. It was a troubling decision to leave my dear friends and move to the University of Hawaii, but as Dean of the only College of Pharmacy in the entire Pacific Basin, I can only hope to emulate the greatest of Purdue, and provide a winter haven for any black-and-gold-bleeding Hoosiers. Purdue Pride is an indelible characteristic that all former affiliates spread throughout the globe." John M. Pezzuto

### Hudson Family Tradition

When **Carl Hudson, Sr. (BS 1949)** graduated from Purdue University School of Pharmacy, he could not envision his son, **Carl Hudson, Jr. (BS 1965)** or his grandson, **Andrew Hudson (BS 1996)**, following his trail and graduating from Purdue's School of Pharmacy.

In addition, 12 high school employees over the years were motivated to enroll in pharmacy schools after working in the Hudson Drug Shop, now approaching 60 years in service to the Paxton, Illinois, community. Andy is now the third Hudson owner of this independent pharmacy.

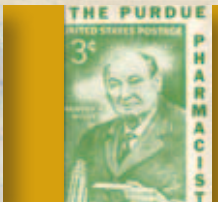
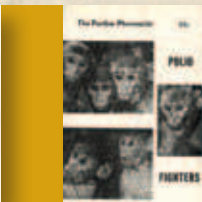
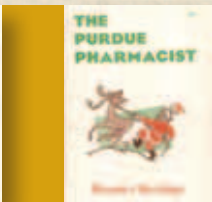
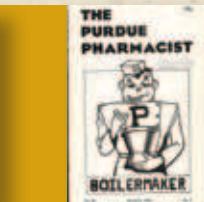
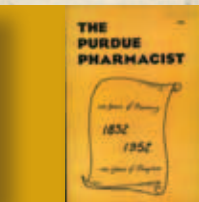
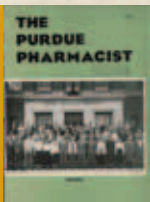
*"Our families are greatly indebted to the Purdue Pharmacy experience which has provided a great quality of life and many great memories, friendships, and, of course, the tools to enable development of our skills as pharmacists,"* says

Carl, Jr. "We would encourage Purdue Pharmacists in every stage of their career to financially support our School. The cost of maintaining a superior educational institution is great. Let us not forget our heritage."

(L to R) Andy Hudson, Governor Jim Edgar (while present governor of Illinois), Carl Hudson, Jr., and Carl Hudson, Sr. pose in the Hudson Drug Shop



1955







**Craig K. Svensson**

*2006-Present*

“Purdue’s School of Pharmacy and Pharmaceutical Sciences is one of the top-ranked programs in the nation,” said Craig K. Svensson upon arriving at Purdue in 2006 to serve as Dean of the College of Pharmacy, Nursing, and Health Sciences. “I am excited about the opportunity to work with faculty and staff to bring the programs of the College to the next level of preeminence.”

Svensson received his PharmD degree from the University of Maryland in 1981 and his PhD in Pharmaceutics from the State University of New York at Buffalo in 1984. After a postdoctoral fellowship in pharmacokinetics at the University at Buffalo, he joined the faculty at Wayne State University in Detroit, Michigan, as Assistant Professor, where he rose to the rank of Professor and Associate Chairman of the Department of Pharmaceutical

Sciences. In August of 2003, he became the Lyle and Sharon Bighley Professor of Pharmaceutical Sciences and Head of the Division of Pharmaceutics in the College of Pharmacy at the University of Iowa. He received Teacher of the Year Awards at both Wayne State University and the University of Iowa, and was awarded the Career Development Chair Award and gave the convocation address for the Class of 2006 at Wayne State University.

During his tenure thus far, he has procured a \$25 million grant from the Lilly Endowment to support several initiatives that will increase the impact and visibility of our School, as well as contribute to the impact of pharmacy on health care delivery.



**Purdue’s School of Pharmacy and Pharmaceutical Sciences is one of the top-ranked programs in the nation.**



## *Dolores Shockley: In Her Own Words*

IN 1955, DOLORES SHOCKLEY BECAME THE FIRST AFRICAN AMERICAN WOMAN TO EARN A DOCTORATE FROM THE SCHOOL OF PHARMACY AND PHARMACEUTICAL SCIENCES AT PURDUE UNIVERSITY. SHE ALSO WAS THE FIRST AFRICAN AMERICAN WOMAN TO RECEIVE A DOCTORATE IN PHARMACOLOGY IN THE UNITED STATES. A RETIRED HEAD OF PHARMACOLOGY AT MEHARRY MEDICAL COLLEGE IN NASHVILLE, TENNESSEE, SHE ONCE COMMENTED THAT SHE NEVER SET OUT TO BE A FIRST, BUT THAT SHE ALWAYS LIKED SCIENCE. HER DETERMINATION LED HER DOWN THE ROAD TO SUCCESS, BUT IT WASN'T ALWAYS AN EASY PATH.



**You received your MS in 1953 and PhD in 1955 at Purdue. What were some challenges you faced as a pharmacy graduate student?**

I encountered both social and academic challenges. I had a few racist professors whom I tuned out because I was committed to and passionate about my education. I was not going to be deterred nor be a disappointment to myself, my family, and my undergraduate university (Xavier, LA) where I had graduated number one in my class.

The community was something that I could not control. I grew up in Mississippi, an infamous state known for the Emmitt Till debacle and the civil rights martyrs who were killed by the Ku Klux Klan. In Mississippi, as most Southern states, discrimination and segregation were overt. There were signs in bold letters—WHITE and COLORED. In West Lafayette, discrimination was covert and insidious. There were no signs—just a refusal to serve you or to rent you a room. This was extremely hurtful because you never knew when you

# The Evolution of

would be rejected or refused. I went to my room and cried several times. But my zealous commitment to succeed propelled me to work harder to overcome my lack of prior experience.

**What examples of discrimination were prevalent at the University and in the community during your time as a student? What were your living arrangements?**

At the time that I attended Purdue, there was discrimination at the University and even more so, in the community. I was a teaching assistant while working on my MS degree. My major professor had this ingenious plan to put me out of sight by assigning me to assist Dr. John Christian with revising his chemistry textbook. When Dean Glenn Jenkins discovered this, he immediately ordered that I be assigned to the undergrad labs with other pharmacology graduate students. Dissatisfied with the racial conditions in the community, I joined a 'Panel of Americans' group which consisted of a white Anglo-Saxon Protestant, Catholic, Jew, Asian American, and black student. This group visited churches and organizations in West Lafayette to tell them about ourselves and answer questions. The purpose was to let them know that we, too, were Americans. I believe or hope that that we dispelled some the fallacy of racial, ethnic, and religious inferiority.

I lived in one of the Women's Quadrangle Residences in a hall reserved for graduate students my first two years. For me, this was a period of exponential cultural growth. I interacted with New York Jewish students, Midwestern white students, and students from other countries with diverse majors. After two enjoyable years, graduate students had to relocate because the enrollment of undergraduate women students had increased; thus began a



*SUPERVALU Pharmacies has been a supporter of Multicultural Programs since its inception. Corporate representatives are shown here presenting a plaque to Dean Charles Rutledge in 1997. (L to R) Shaune Hart, Chris Dimos, Bobbie Riley, Dean Rutledge, John McGovern, and John Kirklys*

“The face of diversity within the School has changed over the years. As a student, I believed the focus for everyone was on the grade at that moment and to pass that next exam. The diversity efforts introduced by Dean Rutledge, supported by Dean Pezzuto, and now led by Dean Svensson have added a new perspective for students. In addition to the scholastic components taught in the courses, there are additional educational experiences that introduce students to environments that are completely different than what they have grown up in. These experiences in the classrooms, lab sessions, and clerkship settings help students better understand themselves and the interactions with their patients, their peers, the faculty, and staff. Laying this groundwork for diversity within the School helps better prepare the student to become a better, smarter, and well-rounded professional.”

**Eric Smith (BS 1983)**

Quality Systems Manager, Schering-Plough Corporation  
PURDUE PHARMACY MINORITY ADVOCACY COUNCIL



# ERSHINY



“Without Multicultural Programs (MCP), I would not have made it this far. Ms. Jimerson provided me with great support academically, professionally, and emotionally. She persistently raised the bar. There were times when life got in the way, but every time the thoughts of giving up raced through my mind, I always found encouragement from my peers in MCP—whether it was with someone clarifying a cloudy subject matter, giving me a shoulder to cry on, or just hearing encouraging words that kept me going.

MCP members have become a family away from my family. The relationships I have made through MCP I will treasure for the rest of my life. MCP has helped me in my journey as I pursue my dreams of being a Doctor of Pharmacy.”



### The Office of Multicultural Programs (formerly Minority Programs)

The years following Dr. Shockley’s time at Purdue resulted in many changes impacting race and minority student success on campus and in the community. In the 1970s, initiatives were established to address racial diversity and achievement at the University and within the School. Richard “Dick” Weaver (BS 1970) was hired as Director of Minority Programs in 1972 with funds made possible through a three-year Special Projects Grant provided by Health and Human Services. A Special Health Opportunities Grant was then awarded for two consecutive three-year terms. The program, however, was unfortunately discontinued in 1981 when the grant ended. It was during the early years of his tenure as Dean when Charles “Chip” Rutledge began integrating programs within the School to further the inclusion and cultural awareness of all students. He noticed that many of the students came from small towns in Indiana, and when they graduated they found employment as pharmacists in large cities. “There were very few minorities in these small towns, and yet the patient population served by the newly licensed pharmacists included a large number of minorities,” he recalls. “I felt that it was very important to not only graduate more pharmacists from under-represented minority populations but also to increase the cultural awareness of the majority students.”

painful lesson in discrimination. I could not find a place to live in town until a Presbyterian minister and his family rented me a room at their house for the summer. This gave me time to team-up with a clinical psychology major from my residence hall days, and we decided to share an apartment. We diligently went to advertised ‘Apartment for Rent’ and ‘Vacancy’ locations to no avail. The apartment would have ‘just been rented.’ Finally, we decided that Mae would go alone to answer the ads. It worked, and we got a nice apartment where I lived until I completed my PhD.

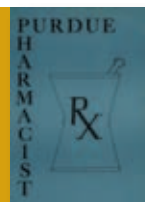
#### Was the education you received at Purdue worth it despite these challenges?

The education I received at Purdue was well-worth the subtle and not-so-subtle indignities that I suffered. I am proud to be a graduate of Purdue. Purdue prepared me for the rigor of teaching and research at a medical school. Thanks to Dr. Tom Miya, all pharmacology grad students were proficient in techniques and had in-depth studies of past and current scientific literature.

I know and am very pleased that things have changed dramatically since my matriculation at Purdue and West Lafayette. I have a niece and a nephew who graduated from Purdue in engineering in the seventies, and they find it hard to believe some of my experiences. I can truthfully say that I consider myself blessed to have degrees from Purdue University.

Rutledge began by forming a Minority Advocacy Committee of faculty and staff. He then established the Minority Advocacy Council of minority alumni, many of whom were participants in the program under Weaver’s directorship. It was through the suggestion of the Minority Advocacy Committee and Council that the Office of Minority Programs was created in 1992. The Program’s goal was to increase diversity and enhance the success and professional development of program participants. Proactive counseling, a demand for and commitment to excellence, as well as the creation of a supportive community were and continue to be fundamental elements. Awareness, understanding, and appreciation of cultural diversity have evolved over the years,

1959



1966





Dean Craig Svensson surrounds himself with the many outstanding students who participate in Multicultural Programs during a luncheon held in the spring (see page 41 for more about this event)



## Our Diverse Society

BY DEAN CRAIG SVENSSON

Growing up as a second generation American, my Scandinavian and Irish heritage had little impact on my life. Our European heritage made it easy for us to assimilate into the majority culture of America. Yet the diverse heritage of our fellow citizens has yielded very different experiences in interacting with the majority culture of American society. While diverse cultures have always existed on this continent, the ease of travel, frequency of relocation, urbanization, and rapid communication has brought those diverse cultures into greater contact than ever before. This has helped us to understand how one's cultural experience serves as an important lens through which life experiences are viewed.

Just as beauty is in the eye of the beholder, comprehension of important health information varies based upon one's life context. As our graduates will practice in an increasingly diverse environment, it is essential that our students learn to interact with a variety of cultures to enable them to develop the necessary communication skills that are so important to the practice of pharmacy. It is for this reason that nurturing cultural competence among our students is an important priority as we roll out our new Doctor of Pharmacy curriculum. Our Committee on Diversity and Inclusion Initiatives has been developing a strategy to employ curricular and extracurricular experiences to develop cultural competency in our students as they progress through the program.

The changing demographics of our society, as well as the abundant evidence of disparities in health care delivery and outcomes among various populations within the United States, demands health professionals who can effectively deliver health care to diverse populations. It is also true that the increasing diversity of our student population requires faculty and staff who are competent in their interactions with individuals from diverse backgrounds. Hence, our efforts to develop cultural competency must extend beyond our usual student-centered teaching mission and embrace our faculty and staff.

As outlined, we have made significant achievements in improving the diversity of our program—though much work remains to be done. We are now set to take this to the next level and assure that our graduates are prepared to live and work in an increasingly diverse society through an intentional program to develop cultural competence.

so the name was changed from Minority to Multicultural to reflect the diversity of participants; however, the focus continues to be representation, retention, and respect for all in the pharmacy community.

“We added new programs every year to improve the appreciation of awareness of the importance of diversity and to provide a better environment for achievement by all students,” says Rutledge. “At the end of fifteen years, we had over twenty such programs, projects, and activities. We conducted two surveys to measure cultural awareness among faculty, staff, and students, and the second survey conducted five years after the first showed an enhanced appreciation of the importance of multicultural awareness in all three of the populations surveyed.”

Through the initiatives begun by both Weaver and Rutledge, great strides were made to advance diversity, inclusion, and cultural awareness. Rutledge attests the success is due largely to the dedication and hard work of Jackie Jimerson (the Director of Multicultural Programs), the Minority Advocacy Committee and Council, and the numerous students who participated in the program. The success of the program also would not be possible without the engagement of our corporate supporters. They freely give of their time and resources to help students by attending various events, sharing their expertise, mentoring, and offering encouragement. “Support of Purdue’s Multicultural Programs is a natural ‘fit’ for SUPERVALU Pharmacies,” says Bobbie Riley, Vice President of Pharmacy Operations at SUPERVALU. “We see value in having a diverse staff of talented pharmacists that reflects the diverse populations of the communities where we provide pharmacy services, so it is a pleasure to work with the University and a group of professionals whose goals so closely align. Purdue’s program builds upon an excellent tradition of pharmacy education by welcoming students who bring a variety of personal experiences and perspectives to the classroom. This broadens the life experiences of the student body at-large, giving them additional skill sets that will help them become more effective health care professionals and leaders in their communities and our profession.”

1972





“The students in Multicultural Programs are some of the best and brightest in the School of Pharmacy. The perception that the students of color were less prepared and that those who performed well were the exception was often incorrect, and this perception has changed because of the success of students in Minority/Multicultural Programs. Over time, the perception has evolved to recognize that these students are not ‘needy,’ but that their needs are different. Establishing a sense of community, expecting success, and fostering opportunities for inclusions provide the foundation that is fundamental for both academic and professional success. The Multicultural Program has influenced the cultural competency of the faculty and staff and has a vital role in student success and changing perceptions.”

**Nathaniel Milton (BS 1989, PhD 1995)**  
Research Advisor, Formulation and Process  
Development, Eli Lilly and Company  
PURDUE PHARMACY MINORITY ADVOCACY COUNCIL



## Striving for Inclusion & Cultural Competency

So what constitutes a successful program? “It’s more than just numbers. The end goal is inclusion,” says Jackie Jimerson. “Students participating in the program—regardless of background, race, ethnicity, and cultural differences—find support and community in the School. Consequently, greater numbers of students, especially those from traditionally under-represented populations, earn degrees, achieve success, and are ready to assume leadership roles in advancing inclusion at the University, in their communities, and in the work place.” A more engaged student with a quality experience yields a more engaged citizen and professional.

It is through inclusion that diversity, increased cultural awareness, and ultimately culturally competent pharmacy professionals result. The School of Pharmacy and Pharmaceutical Sciences is on the right path in preparing pharmacy professionals for the future.



*Jackie Jimerson, Director of Multicultural Programs (far R), with program participants*







(L to R) Carol and Ross Deardorff, Rosemary and Dick Deardorff, and Beverly and Frank Deardorff

## A Deardorff Brother Tradition

*Ross Deardorff doubts his parents ever imagined that three of their sons would end up as Purdue Pharmacy graduates...*

"In 1936, a speaker from Purdue University spoke to my Mishawaka high school assembly and told us a good way to decide what to do in the future is to look around for someone successful and pattern your life after theirs," recalls **Richard 'Dick' Deardorff (BS 1942)**. "I went to Mr. Coulver, my neighborhood pharmacist, and told him I wanted a job because I was going to be a pharmacist." He was hired.

Dick says there were 30 students in his pharmacy class at Purdue, and he credits all his professors for the great education he received. Before he graduated, he joined the Army Air Corp and asked for enough time to get his diploma and pass the State Board, which he was granted. "Uncle Sam made a fighter pilot out of me. I flew P40s and P51s. I hit both ports of embarkations but did not get out of the country. My story is that Hitler found out we were coming, so he quit," he jokes.

After returning from service, Dick received a letter from Mr. Coulver telling him a drug store was for sale in Mishawaka, which he purchased. He had two stores—Southside Pharmacy, and later opened his professional store, My Prescription Shop, which he sold in 1990 when he retired. "I guess I set a good example, as my two younger brothers also graduated from Purdue University School of Pharmacy," he says.

**Frank Deardorff (BS 1957)** agrees. "Dick was 15 years older, and I visited him for a couple of weeks one summer at his pharmacy and got to work as a stock boy and at the soda fountain," he says. "Watching him do his job turned me on to Pharmacy as a career." Frank traveled the country while selling drug information, taking Purdue's good name with him.

"Purdue School of Pharmacy was the beginning of a long, exciting, and meaningful personal and professional journey," comments **Ross Deardorff (BS 1955)**. "Purdue education helped me launch the various phases of my career—retail, sales, and manufacturing. Purdue helped me prepare for a career that has been both challenging and beneficial." In 1966, Ross made a bold move by starting Century Pharmaceuticals, Inc. "It's very rewarding to know that Century's products are helping chronic wounds heal, and saving people's limbs which were targeted for amputation. My thanks to all my Purdue professors!"

Ross hopes the pharmacy tradition doesn't stop with him and his brothers. "With six grandchildren yet to choose their college majors," he quips, "I hope one or more of them will head for Purdue's School of Pharmacy!"

## 125th Anniversary Committee

The School of Pharmacy and Pharmaceutical Sciences would like to thank the following individuals for giving freely of their time and resources to serve on the 125th Anniversary Committee.

**Patrick Belcastro**, Professor Emeritus of Industrial and Physical Pharmacy

**Joseph Borowitz**, Professor of Pharmacology

**Amy Chandler**, Writer/Editor, Pharmacy Alumni Publications

**Joseph Dubes**, Director of Student Services

**Patricia Elsner** (PharmD 2001)

**Stanley Hem**, Professor of Physical Pharmacy

**Jackie Jimerson**, Director of Multicultural Programs

**Jennifer Maguire**, IPPH Graduate Student

**Dana Neary**, Manager of Alumni Relations

**Jeffrey Rattray**, Manager of Web-based Instructional Technology

**Pamela Ringor** (BS 1997), Pharmacy Alumni Association President

**Charles Rutledge**, Dean Emeritus

**Steven Scott**, Associate Professor of Clinical Pharmacy

**Tom Seto**, PharmD Student

**Stanley Shaw**, Professor Emeritus of Nuclear Pharmacy

**Lori Ward**, Pharmacy Practice Graduate Student

## Scholarship Survival

People all over this country are feeling the impact of a challenging economy, and college students are no exception. The nation's financial instability has led to a shortfall in endowments at many educational institutions, including our own. The School of Pharmacy and Pharmaceutical Sciences experienced a shortfall of \$125,000 in scholarship funds from the last academic year to the current one. This shortfall has been lessened by several donors who have stepped forward to provide additional scholarship support during this time of need.

The School of Pharmacy and Pharmaceutical Sciences applauds the following donors who willingly gave additional funds to bridge the gap of the endowment deficit. Thanks to their generosity, numerous students will continue to receive much deserved and needed scholarships.

**Anonymous**

**Joanne Barrick (BS 1984)**

**Tom Boehning (BS 1962)**

**Roxane Boehringer Ingleheim**

**Karen (BS 1978) and Tom Jeppson**

**Lou (BS 1969) and Karen LaRow**

**Marc and Judy Loudon**

**Dave (BS 1983) and Caryn**

**(BS and PharmD 1982) Purdy**

**Kappan and Nancy Ramanandan**

**Arlen (BS 1964) and Arlene Reynolds**

**Rick (BS 1980) and Deanne Rondinelli**

**THANK YOU!**





Heidi Anderson (BS 1978, PhD 1986) and Neil Petry (BS 1975, MS 1977), students of Prof. Stan Shaw, during the 1970s

Prof. Kara Duncan Weatherman assists student Stephanie Williams Hoffman (PharmD 2007)

## Division of Nuclear Pharmacy

# Past and Present

The Division of Nuclear Pharmacy in the Department of Industrial and Physical Pharmacy is the offspring of the efforts of Dr. John E. Christian and the faculty in the Department of Bionucleonics (currently the School of Health Sciences). Dr. Christian pioneered the applications of radioactive isotopes in pharmacy, fostering the use of radioisotopes across the Purdue campus. He established the first formal lecture and laboratory courses in the United States for teaching principles of radioisotope methodology in 1947. The first official *United States Pharmacopeia* monographs for the establishment of standards and assay procedures for iodine-131, cobalt-60, gold-198, chromium-51, and phosphorous-32 were developed at Purdue University and incorporated into the official compendia in the 1950s.

In 1972, faculty in the Department of Bionucleonics developed the first of several nuclear pharmacy elective courses for first-degree professional pharmacy students at Purdue. Within a few years, the School became a leader in graduating pharmacy students prepared to enter nuclear pharmacy practice as well as leading in endeavors to recognize nuclear pharmacy as a specialty practice, and in the process to develop procedures for pharmacists to become board certified in nuclear pharmacy.

Practice-based learning has been an essential component of education for professional pharmacy students in the Division of Nuclear Pharmacy. The program has been advanced in this area by long-standing contributions by corporate friends and alumni providing summer internship opportunities throughout the country.

In response to the needs of commercial centralized nuclear pharmacies, in 1998, the Division of Nuclear Pharmacy developed the Purdue Nuclear Pharmacy Certificate Program. This post-graduate program allows licensed pharmacists to redirect their careers into nuclear pharmacy by providing the didactic background required by the Nuclear Regulatory Commission. Over 500 pharmacists nationwide have taken advantage of the Certificate Program as their route to “authorized user” training and entry into nuclear pharmacy practice. The program has provided training to pharmacists from six foreign countries, as well.

As the practice of pharmacy evolves in the area of clinical disease related patient services, the Division has expanded opportunities for pharmacy students to gain experience in the clinical applications of the products they compound and dispense. Since 1993, the Division has offered a patient-focused clinical nuclear pharmacy clerkship experience with the cooperation of the nuclear medicine faculty of the Indiana University School of Medicine in Indianapolis. In addition, students may now elect an international clinical clerkship rotation offered in the Department of Nuclear Medicine at St. Bartholomew’s Hospital in London, England. There, students have the opportunity to spend seven weeks experiencing clean room compounding first-hand in the nuclear pharmacy. The experience is timely because of the changes in regulation with the enforcement of USP <797> standards and the regulation of PET radiopharmaceutical production under cGMP standards.

In addition to endeavors to educate professionals for nuclear pharmacy practice, the Division has provided MS and PhD degree programs. Leaders in the development of radiopharmaceuticals, graduate and professional educational programs, and the profession of nuclear pharmacy received their graduate education through the Department of Bionucleonics and the Division of Nuclear Pharmacy. Research continues on the design, synthesis, and evaluation of new radiopharmaceuticals as well as clinical research focused on improving the practice of nuclear pharmacy.

The past accomplishments and current endeavors started with a team of faculty in the Department of Bionucleonics that included Dr. Gordon Born, Dr. Wayne Kessler, Dr. Robert Landolt, and Dr. Stanley Shaw. They were joined soon after by

Dr. Robert George who participated for several years. Others participating over the years were Dr. Jan Bartlett, Ms. Anne Smith, Dr. Brigette Nelson, and Mr. Steve Pieppenbrink. Dr. Mark Green joined the team in 1987 and is the current Head of the Division. In 1998, Dr. Kara Duncan Weatherman was added as Adjunct Assistant Professor and became the Nuclear Pharmacy Certificate Program Director in 2000. Currently, she is Assistant Professor of Nuclear Pharmacy and a key member of the Division along with Dr. Green. In 2005, Dr. Shaw retired from his role of educator and cheerleader. The Division of Nuclear Pharmacy has had a long history of contributions within the School of Pharmacy. With strong leadership and motivation by the current team, the Division continues to maintain an active role in the areas of undergraduate education, engagement with practitioners, and in research.



## Like Father, Like Son



Frank

**Frank D. Darnell (BS 1951)** followed his father, **Elbert A. Darnell (PhG 1926)**, to pharmacy school nineteen years after his graduation. “Having grown up working in his drug stores, I decided at an early age this was the profession for me,” comments Frank. He

remembers that two of his professors, Drs. Lee and Zufall, also taught during his father’s time at Purdue. “Dr. Sperandio was my favorite professor, and Dean Jenkins was a great counselor, as well as a family friend.”

Frank left retail pharmacy to join his father in the wholesale drug industry a year after his own graduation. He admits, however, that his father’s 80 hour work week ethic was hard to follow, but left a lasting impression.



Elbert

*“My six years at Purdue (2 years Navy) were the best years of my life—great education, new life-long friends, and the opportunity to achieve any goal you set for yourself.”*

1974





## The Purdue Pharmacist

# Recording Our Past & Telling Our Future



*The Purdue Pharmacist* was first published in February 1924. The publication at that time was student-run, and therefore reflected the students' interest in the profession of pharmacy. *The Purdue Pharmacist* had the distinction of being the first professional journal ever published by students of any school of pharmacy. By 1927, it was sent to every retail pharmacist in the state of Indiana. By 1934, *The Purdue Pharmacist* not only provided a medium for scientific articles, but also non-scientific articles about campus activities, alumni news, and student organizations. Pharmacists around the state could keep up with the latest developments by reading the journal.

But just like everything else, times have changed, and so has the journal. Over the past few decades, the design and layout, frequency of circulation, distribution, and editors of *The Purdue Pharmacist* have changed, and even this summer issue marks the beginning of a new era.

*The Purdue Pharmacist* has touched many lives over the years. It has evolved alongside the School and recorded our history quite beautifully. A special thanks to everyone who has ever been involved with our time-tested magazine.

1997

2002





**Linda Michael**  
*Editor (1997-2002)*

**What changes in the magazine took place during your tenure?**

I think the defining difference about *The Purdue Pharmacist* in my era was the “Class Notes” section. It existed before me, but it definitely expanded during my tenure. I absolutely adored responding to the information that was sent to us by alumni about their lives post-Purdue. It was like having a big fireside chat with a roomful of very special friends.

**Where did the concepts for the covers come from?**

Cover concepts were like mushrooms—they’re where you find them. There was always a concept when we started an issue. My all-time favorite cover was the caricature of Chip Rutledge (Spring 2002) captioned “Rutledge Moves On.” It was so cool of him to let me use it!

**What was the most memorable article you worked on?**

Two stand out. Both were written about Dr. Varro E. Tyler, professor/dean/provost who I served as personal assistant for fifteen years before he retired and I took the position as editor. The first was written on the occasion of Dr. Tyler’s retirement from Purdue. It was also the first article I “contributed” to *The Purdue Pharmacist*, and it led to my being asked to write another, then another, and another, etc. Before you knew it, we had an issue (Summer 1997), and I was designated editor.

The second was the story I had earnestly hoped I would never have to write. August 22, 2001, was the day Dr. Tyler died. Obviously, I agonized over that assignment. But the article appeared in the Fall 2001 issue.



**Amy Chandler**  
*Writer/Editor (2003-present)*

**How did you begin working with *The Purdue Pharmacist* magazine?**

During the last couple of years that I served as Manager of Development Operations for the School of Pharmacy, I began proofreading the publications. At the time, Linda Michael was still the editor, so I had the good fortune of working with her, and then we had a few freelance writers who helped out after she retired. In 2003, my family moved to Pennsylvania, and I was given the wonderful opportunity to retain my employment with the School as editor of the alumni publications. For the first year, I continued to manage the freelance writers, but when they were no longer able to provide their services, I took on the role of both writer and editor. I thoroughly enjoy my telecommuting position, as it has allowed me to remain connected with the School and its wonderful faculty, staff, students, and alumni, as well as provided me the opportunity to be a stay-at-home mom to my daughter. I have the best of both worlds, and I am so grateful!

**What was the biggest blooper you remember?**

I am responsible for managing many aspects of the publications—from organizing the content for each issue, to writing and editing the text, choosing the photos, scheduling the deadlines, and working directly with our fabulous graphic designer, Dawn Minns. Her work truly brings life to the publications. All things considered, there are plenty of opportunities for mistakes, and I’m definitely not perfect. I’m happy to report, however, that none too embarrassing stand out in my memory. There is the occasional photo misidentification, perhaps someone was inadvertently omitted from a recognition list, or—most recently—math gets in the way and I state that Dr. Shaw retired ten years sooner than he actually did, but we always run a correction when it’s brought to our attention. I hope I haven’t made a huge blooper and have yet to realize it! Can I please go on the record as saying that I apologize in advance for anything I might flub in the future?



2008



To read more about the history of the alumni magazine and its editors, please visit [www.pharmacy.purdue.edu/125/purdue\\_pharmacist.php](http://www.pharmacy.purdue.edu/125/purdue_pharmacist.php)





The School of Pharmacy and Pharmaceutical Sciences prides itself on outstanding faculty who provide dedicated teaching to undergraduate, professional, and graduate students.



*“Henry Adams wrote, ‘Teachers touch eternity. They never know where their inspiration ends.’ Having received the Heine Teaching Award allows me to believe I will one day touch eternity. I thank each of my Purdue Boilermaker pharmacy students, now alumni, for allowing me to nurture, guide, and challenge them to ‘learn-to-learn’ and develop their skills. They, too, inspired me to prepare them using my God-given abilities for their careers and, hopefully, life itself. I thank them for that and for the privilege to have been a member of the Purdue University School of Pharmacy and Pharmaceutical Sciences faculty. Lastly, no one does it alone in this life and I want to acknowledge the late Professor Robert K. Chalmers, who listened to me and guided and inspired me to become the educator I am today.”*

**Nicholas G. Popovich**

*Professor Emeritus, Department of Pharmacy Practice*

1977, 1986, 1990, 1997 and 2001 Recipient of the Heine Award

In 1971, the School presented its first teaching award. The **Professor Henry Heine Award** was established to annually recognize an outstanding teacher in the School, selected by its student body for excellence in teaching, initiated through interest and generosity of Robert (1939) and Betty (1939) Heine and alumni and friends of the School. Since its inception, 21 faculty have received the award, and the final award was presented in 2006.

In January of 2007, the **Dr. Aziz Outstanding Teacher of the Year Award** was established by Hamid Abbaspour (BS 1985) to honor the memory of his brother, Dr. Aziz Abbaspour. This annual award is presented by the School of Pharmacy and Pharmaceutical Sciences in recognition of the outstanding contributions by the recipients to the students of the School.

# Pharmacy TEACHING awards



*"I've taught 'Basic Pharmaceutics' since I joined the faculty in 1969. Teaching is **continually creative** and the opportunity to work with our exceptionally talented students makes each Fall semester a new and stimulating experience."*

**Stanley L. Hem**  
Professor of Physical Pharmacy  
1972, 1987, 1995, 2002 and 2006  
Recipient of the Heine Award



*"I really try to know my stuff and be over-prepared; writing a textbook has probably helped with that. My classes involve lots of in-class question-and-answers, so students have to be **active in the classroom**. The class is about as informal as a class of 300 students can be. I also see as many students outside of class as I possibly can—I try to keep an open door. Plus, teaching is fun!"*

**G. Marc Loudon**  
Gustav E. Cwalina Distinguished  
Professor of Medicinal Chemistry  
1980 and 1985 Recipient of the Heine Award



*"The most satisfying aspect of teaching is the opportunity to get to know and work with the students and watch them grow into successful health care professionals. It's **rewarding** to play a role in helping the students learn and demonstrate new abilities and experience new opportunities. Teaching the pharmacy students is a privilege. Receiving this award was truly an honor."*

**Jane E. Krause**  
Clinical Associate Professor of Pharmacy Practice  
2004 Recipient of the Heine Award



### The Professor Henry Heine Award Recipients

- 1971 Robert K. Chalmers
- 1972 Stanley L. Hem
- 1973 George R. Spratto
- 1974 Dane O. Kildsig
- 1975 R. Craig Schnell
- 1976 Aldebert M. Knevel
- 1977 Nicholas G. Popovich
- 1978 Kenneth W. Kirk
- 1979 Frank Murphy
- 1980 G. Marc Loudon
- 1981 David F. Nichols
- 1982 Peter F. Heinstejn
- 1983 Joseph L. Borowitz
- 1984 Peter F. Heinstejn
- 1985 G. Marc Loudon
- 1986 Nicholas G. Popovich
- 1987 Stanley L. Hem
- 1988 Bruce Carlstedt
- 1989 Stanley M. Shaw
- 1990 Nicholas G. Popovich
- 1991 Peter F. Heinstejn

- 1992 G. Thomas Wilson
- 1993 Stanley M. Shaw
- 1994 Kayann W. Burke
- 1995 Stanley L. Hem
- 1996 G. Thomas Wilson
- 1997 Nicholas G. Popovich
- 1998 Bruce A. Meuller
- 1999 Stanley M. Shaw
- 2000 David J. Riese
- 2001 Nicholas G. Popovich
- 2002 Stanley L. Hem
- 2003 G. Thomas Wilson
- 2004 Jane E. Krause
- 2005 Michael B. Kayes
- 2006 Stanley L. Hem

### Dr. Aziz Outstanding Teacher of the Year Award Recipients

- 2007 Eric L. Barker
- 2008 Kimberly S. Plake
- 2009 Kevin M. Sowinski



*“Teaching is my **passion**. It is the way that I am able to contribute to patient care—by mentoring students as they become health care professionals. This award is an acknowledgement in some way that I am ‘giving back’ what has been given to me from my own mentors.”*

#### Kimberly S. Plake

Associate Professor of Pharmacy Practice  
2008 Recipient of the Dr. Aziz Award

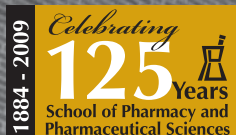


### The Impact of War

“It was very different going to Purdue University when I started back in 1943,” remembers **Cleonice (DeKay) Barnes (BS 1945)**. “We had what was then considered a large class of 30 or so students, but three-quarters were male students. Within a year, that class became reduced and was predominately female because the men were drafted to serve in WWII. During that time, we changed to three semesters per year in order to get finished more quickly. We attended two years and nine months, and we didn’t have final examinations or vacation.” She comments that the students were up to the challenge since they were eager to finish their studies and move on to the work force.

Her father, **H. George DeKay (PhD 1934)**, was Professor of Pharmacy during that time. “He loved teaching pharmacy, especially manufacturing pharmacy and graduate courses,” she says. “As a student, I was required to take several of his courses, but neither of us gave it any thought. He never seemed to show any favoritism, and I worked hard to do well.”





Founded in 1884, the School of Pharmacy and Pharmaceutical Sciences at Purdue University will celebrate 125 years of excellence beginning in the fall of 2009. We hope you'll plan to join us for the many exciting events we have planned throughout the upcoming year. Together, we can make this an anniversary to remember!

## 2009 Pharmacy Events Calendar

DATE	EVENT	PLACE
September 9	Pharmacy First Nighter	Heine Pharmacy Bldg., 6 p.m.
September 13	8th Annual White Coat Ceremony (125th Class)	Loeb Playhouse, Stewart Center, 2 p.m.
September 25-26	Pharmacy Fall Reunion Weekend Celebrating Classes 1984, 1994, 1999 & 2004 (PU vs. Notre Dame)	Heine Pharmacy Bldg.
October 2	Pharmacy Dean's Joint Advisory Council Meetings Student Alumni Chili Supper	Dauch Alumni Center Heine Pharmacy Bldg. Tent, 6 p.m.
October 3	Pharmacy Alumni Homecoming Tailgate  Join us during halftime at the PU vs. Northwestern football game! Pharmacy alumni will stand as the marching band performs "I Want A New Drug" in an Rx formation in the center of the field to honor our 125th anniversary.	Heine Pharmacy Bldg. Tent, 3 hours prior to kick-off
October 17	Pharmacy Donor Brunch	University Plaza Hotel, 8 a.m.
October 30	Distinguished Alumni Awards Luncheon Pharmacy Distinguished Alumni Lecture Ronald Dollens (BS 1970, HDR 2001)	PMU Faculty Lounges, Noon Fowler Hall, Stewart Center, 4 p.m.
November 8	Purdue Pharmacy Alumni and Friends Reception	AAPS Meeting, Los Angeles, CA
November 13	7th Annual Garnet E. Peck Symposium "Emerging Trends in Health Care" Pharmacy Distinguished Alumni Reunion	Fowler Hall, Stewart Center, 1 p.m. University Plaza Hotel, 6 p.m.
December 3-4	Varro E. Tyler Lecture Series	

**Check out the official School of Pharmacy & Pharmaceutical Sciences' 125th Anniversary website at [www.pharmacy.purdue.edu/125](http://www.pharmacy.purdue.edu/125)**

For more information regarding these events, please contact Dana Neary, Manager of Alumni Relations and Special Events, at [nearyd@purdue.edu](mailto:nearyd@purdue.edu) or (765) 494-2632.



The School of Pharmacy and Pharmaceutical Sciences Alumni Association (PhAA) serves almost 9,000 alumni and 800 students. Board members are spokespersons and advocates not only for the School, but for the Purdue Alumni Association (PAA) and Purdue University. They serve on at least one board committee for PhAA, as well as attend bi-annual meetings. The group recently returned to campus for their spring meeting and the BoileRx Golf Classic. The board is currently focusing its attention on three main projects:

### 1) Creating more opportunities for alumni to interact with students.

Programs have been initiated, such as "Conversations with Alumni," where once a month an alum visits campus to meet with a group of students and discusses his/her career. PhAA also sponsors a student/alumni chili supper the Friday night before Homecoming. Guests have the opportunity to chat over dinner and enjoy the parade afterwards. The board is in the process of developing a mentoring program.

### 2) Evaluation of Alumni Communications.

The board has suggested updates and improvements to our Alumni website. A Purdue Pharmacy Alumni Group has been created on Facebook that now has over 300 members, and groups will soon also be started on LinkedIn and MySpace.

**3) BoileRx Golf Classic.** The board helps to raise funds for pharmacy scholarships by recruiting foursomes and soliciting sponsors for the annual golf outing. They also volunteer at the outing by assisting with registration, driving the beverage cart, and greeting golfers.

The board recently elected its 2009-2010 officers. **Pam Ringor (BS 1997)** will serve as President with **Tricia Lohr (PharmD 2005)** as Vice President. Pam and Tricia both live in the Lafayette area. **Brad Given (PharmD 2007)** will be the Secretary and currently lives in Menomonee Falls, Wisconsin. **Kimberli Burgner (BS 1979, MS 1981, PharmD 2003)** rounds out the Executive Committee by serving as Past-President. She recently moved to Richmond, Virginia. If you have any suggestions for the Pharmacy Alumni Board, please send them an email at [pharmacy.alumni@purdue.edu](mailto:pharmacy.alumni@purdue.edu).



# Diabetes Care Program in Kenya

In May 2008, the Purdue Pharmacy Kenya Program added diabetes care to the pharmaceutical care services it provides in western Kenya. This program, under the leadership of Dr. Sonak Pastakia, is growing and advancing care that patients in this resource-constrained setting have otherwise been without.

## Highlights of Diabetes Care

- The program is staffed by Purdue faculty, a Kenyan pharmacist, a clinical officer, Purdue and University of Nairobi pharmacy students, pharmacy technologists, nurses, physicians, and trained community volunteers to provide care, education, and medications to more than 1,500 patients enrolled in the diabetes clinic at Moi Teaching and Referral Hospital.
- In order to effectively implement this multidisciplinary clinic, we have developed customized protocols to manage and standardize all aspects of diabetes care in our unique setting. The clinic utilizes an electronic medical record system, developed internally and tailored to address the unique features of diabetes care in resource-constrained settings. This system is designed to improve the provision of care through the generation of summary sheets while also facilitating research in this understudied population.
- To address the needs for comprehensive care for insulin-dependent patients, we have initiated an innovative enhanced diabetes care program designed to provide direct support to many of the sickest patients. This program provides intensive diabetes care including twice daily home glucometer monitoring, comprehensive laboratory and radiological follow-up, weekly phone based follow-up, and monthly physicals through a unique collaborative practice including community volunteers, students, nurses, pharmacists, clinical officers, and physicians. There has been a marked improvement in HbA1cs in the 21 pilot patients (a 3.37 point decline in their HbA1c).
- Abbott has provided blood glucose meters and test strips for home glucose testing of outpatients and Eli Lilly provides insulin. This previously unaffordable care is now a reality, and Abbott also has recently agreed to triple their donation of blood glucose meters and test strips to further expand access to this lifesaving care modality. In addition, faculty from the Brown University School of Medicine have acquired funding from the medical staff association of Miriam Hospital to provide point of care HbA1c monitoring to further enhance our care and research efforts.
- In June 2009, diabetes care expanded to a rural clinic in Webuye, Kenya. If additional donor support and resources can be obtained, additional care modalities will be offered to resource constrained patients at additional rural clinics throughout western Kenya.

*Dr. Pastakia assists diabetes nurse, Jane Gitahi, as she tends to one of the thousands of resource-constrained patients with diabetes she has helped over the past 10 years of her work with the diabetes program at MTRH*



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If you are interested in finding out more about the Purdue Pharmacy Kenya Program and the diabetes care services, please contact Dr. Sonak Pastakia (spastaki@purdue.edu) or Dr. Ellen Schellhase (elschell@iupui.edu). If you would like to contribute to the program, please visit <http://ampath.pharmacy.purdue.edu> and click on "Contribute to the Purdue Kenya Program" link in the left hand column.



## A Patient's Story

Patient EE's story is representative of the struggle so many of our patients face on a daily basis. EE is employed as a driver, transporting many of the essential aspects of HIV care, for the Academic Model for the Prevention and Treatment of HIV/AIDS (AMPATH). His recent diagnosis of diabetes had threatened his very livelihood as the insidious complications of diabetes were starting to set in and prevent him from performing his job responsibilities.

At enrollment into our glucometer pilot program, EE had an HbA1c of >14%, random blood sugars above 400mg/dL, and the side effects of persistent hyperglycemia. In just four months of care, EE's HbA1c was reduced by more than 30% of its initial value and by the sixth month his HbA1c was at 6.6%. EE is now symptom free and is back to his regular duties as one of AMPATH's drivers. These HbA1c findings are of special importance as every percentage point decline in HbA1c (i.e. from 13% to 12%) results in a 14% reduction in cardiac complications, 37% reduction in ocular complications, and a 21% decline in deaths due to diabetes.



# IPPH Hires Nationally Known Chair

## Elizabeth Murphy Topp

**BChE, 1979, The University of Delaware • ME, 1984, The University of Pennsylvania • PhD, 1986, The University of Michigan**

“I am pleased to announce that Dr. Elizabeth Topp has accepted our offer to become the first Dane O. Kildsig Chair in Industrial and Physical Pharmacy. She is widely recognized for her work on protein stability and formulation.

In addition to currently serving as a member of the Advisory Committee on the Pharmaceutical Sciences for the Food and Drug Administration, she has experience as a member of NIH Study Sections and has served on the editorial advisory board of several scientific journals. Please help me welcome Dr. Topp to the Purdue community.”

— Dean Craig Svensson



Dr. Elizabeth Topp comes to Purdue having most recently served as Professor of Pharmaceutical Chemistry at the University of Kansas. She began her career there in 1986 as Assistant Professor and in 2003 served as interim Department Chair. While at the University of Kansas, she also served as Director of Graduate Studies for the School of Pharmacy (2002-2004) and held a courtesy appointment in the Bioengineering Research Center (2008-2009).

Her research focuses on the chemical and physical stability of protein drugs, with particular emphasis on chemical degradation reactions in the amorphous solid state. Currently active research projects address: 1) the effects of secondary structure in deamidation in the Fc portion of an IgG; 2) the development of hydrogen/deuterium exchange methods for examining protein structure and excipient interactions in amorphous solids; and 3) the controlled release of immunomodulating peptides from PLGA matrices in type-1 diabetes.

Dr. Topp is a member of the American Chemical Society, and she currently serves on the editorial advisory board for *Drugs* and the *Pharmaceutical Sciences*. She is the recipient of several national awards, as well as some offered by the University of Kansas recognizing her outstanding teaching and mentoring efforts. Furthermore, Dr. Topp has published over eighty research and review papers and has a patent on novel monomer for dentin adhesive.

**Stephen Byrn  
Steps Down  
as Head of  
IPPH**

**What first drew you to your research field, and what is it that interests you most now?**

I moved into pharmaceuticals from chemical engineering because I wanted to apply chemical engineering principles to biomedical problems. My current research addresses the stability of protein drugs in amorphous solids, a fascinating and poorly understood state of matter that's of tremendous practical importance for protein drug products.

**What do you enjoy most about working with students and faculty?**

In the classroom, I enjoy making complex concepts clear, especially the moment when something that was obscure becomes clear to the student. With graduate students, I particularly enjoy seeing a student "own" a research project, moving it far beyond what I initially imagined. With faculty, I enjoy facilitating their successes, especially for younger faculty.

**What are you most looking forward to during your tenure at Purdue?**

I consider it an honor and privilege to serve as Head of the premier department of Industrial Pharmacy in the world. I'm looking forward to helping set a course for the Department that will carry it into the future.

She and her husband, Dave, along with their youngest son Joe and dog Trixie, relocated to West Lafayette in June. She loves to travel and enjoys exercise, although she comments she is no athlete. As a family, she says "we're into music and the arts, particularly vocal music," and they are active in their church. The School of Pharmacy and Pharmaceutical Sciences welcomes Dr. Topp and her family to Purdue University.



## About the Dane O. Kildsig Chair

Dr. Kildsig was Professor of Pharmaceutics in the School of Pharmacy and Pharmaceutical Sciences from 1966 to 2006 and served as Head of the Department of Industrial and Physical Pharmacy from 1985 until 1994. The Dane O. Kildsig Endowment was established in December 2005 with gifts from former students and colleagues in his honor. Dr. Kildsig died in 2006, and the endowment was amended in January 2007 to establish a chair in his memory. The income from the endowment will be used to benefit research, infrastructure, and related needs. As holder of the endowed chair, Dr. Topp will oversee the use of these funds.



Dr. Stephen R. Byrn has served as Head of the Department of Industrial and Physical Pharmacy (IPPH) since 1994. In 2008, he decided to direct his attention towards research and other activities.

Dr. Byrn will remain the Charles B. Jordan Professor of Medicinal Chemistry in the Department of Industrial and Physical Pharmacy. He plans to focus on the following areas: 1) solid state chemistry; 2) the graduate program in regulatory and quality compliance; 3) the Tanzania program; 4) an NIH supported pediatric formulation program; and

5) the solid state chemistry of peptides and proteins. He will also continue to advise graduate students.

"I have enjoyed working with faculty to help them achieve their dreams. I have also enjoyed hiring many of the new faculty in our department (seven to be exact)," says Dr. Byrn.

The School of Pharmacy and Pharmaceutical Sciences extends its most gracious appreciation to Dr. Byrn for his many years of dedicated service as Head of IPPH, and we look forward to witnessing his continued research developments within the Department.





## Commencement Celebrations

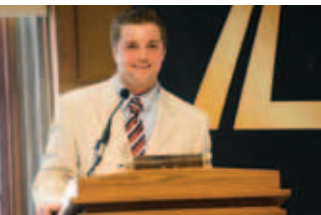
May 16, 2009 was a wonderful day for the School of Pharmacy and Pharmaceutical Sciences as it proudly awarded the Bachelor of Science in Pharmaceutical Sciences, the Doctor of Pharmacy, and the PharmD/MSIA degrees. These fine individuals join the Purdue alumni family and will no doubt continue the traditions of excellence set before them. Congratulations to these graduates and the outstanding faculty and staff whose guidance has prepared them for bright futures.

### Pharmacy Graduation Banquet

The School of Pharmacy and Pharmaceutical Sciences Graduation Banquet was held on May 1, 2009. The evening was fascinatingly emceed by graduating students Roy LaBarge, Anthony Tardi, Jerad Yelland, and Calea Driscoll. They stole the show with great skits, singing, and a game of *Fact or Fiction*.

Dean Holly Mason presented the Leadership and Clerkship awards to the Class of 2009, and Drs. Brian Shepler and Christy Nash recognized our outstanding preceptors. John Toy (PharmD 1997) was named the Roche Preceptor of the Year and Rick McDowell (BS 1974, MS 1976) was recognized as the Outstanding Faculty Preceptor.

Graduation Banquet committee members Ashley Davich, Lorenea Lane, Erin O'Neill, Pat Schleck, and Qumer Syed served as presenters for the Class of 2009's own set of awards, including "Most Likely to Lose Their Verbal Filter," "Last Second Crammer," and "Most Recognizable Laugh." A special thanks to students Ashley Davich, Katie Ringenberg, Maria Thompson, and Jessica Winger for putting together a great photo slide show, and thanks also to Carrie Jacobs and Jenny McCauley for a terrific job compiling the Faculty Quotes CD.



*Emcee extraordinaire  
Jerad Yelland*



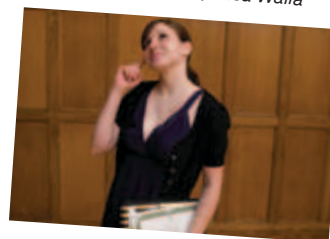
*Roche Preceptor  
of the Year John Toy  
(PharmD 1997) with  
Dean Craig Svensson*



*Outstanding Faculty Preceptor Rick  
McDowell (BS 1974, MS 1976) with Dean  
Svensson, Brian Shepler and Christy Nash*



*H. George Dekay Nominees*



*"Question Queen," Lisa Walla*



*"Cutest Couple,"  
Ryan Karver and Nikki Nero*

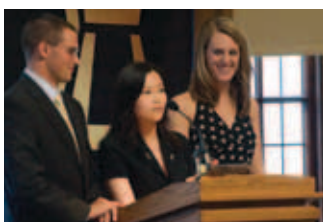
## Class Gift Luncheon

The annual Class Gift Luncheon was held in the Purdue Memorial Union Faculty Lounges on Friday, May 1, 2009. This year's luncheon was sponsored by SUPERVALU, Inc., and Steve Keen (BS 1981), a pharmacist recruiter with the company, gave the congratulatory remarks that afternoon. Chad Johnson, Chief Operations Officer, Purdue Alumni Association, also addressed the students.

The graduating class of the School of Pharmacy and Pharmaceutical Sciences annually participates in raising awareness of the importance of giving back to the School through the Class Gift Challenge. The goal of the challenge is to instill the idea and impact of philanthropy in the minds of the graduating class, encouraging them to stay connected to the University after graduation. The 2009 Class Gift Co-chairs were Valerie Ng, Chelsea Roth, and Matt Stier. The committee consisted of Robert Beckett, Jennifer Bryant, Calea Driscoll, Danielle Jones, Sarah Kennedy, Lorenea Lane, Martha Schmidt, and Meggan Williams.

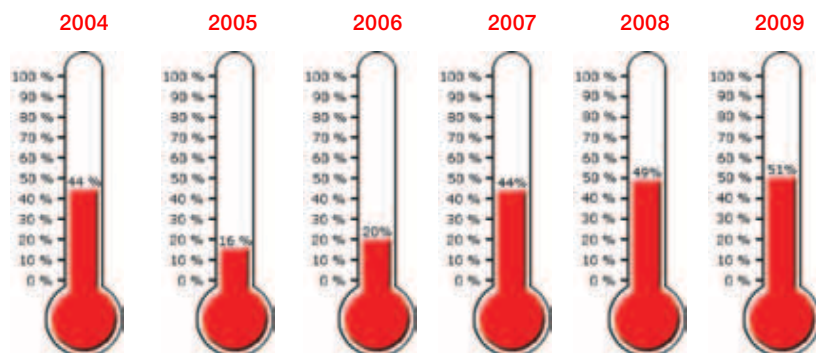
The Class raised \$5,460 with a participation percentage of 51%, the highest participation rate of any School of Pharmacy Class Gift campaign to date. The students were able to designate their gift to one of three funds: scholarships, student travel awards, and unrestricted funds (area of greatest need). In addition, Nancy Clifton Lilly (BS 1978), Vice President, New Product Planning and Market Analytics, Eli Lilly and Company, challenged the Class with a personal match of \$5,000 which will also be matched by her employer in the amount of \$5,000, bringing the grand total raised this year to \$15,460.

The School extends its sincere thanks to both Ms. Lilly and SUPERVALU for supporting our students and the Class Gift Challenge.



Class Gift co-chairs (L to R) Matt Stier, Valerie Ng, and Chelsea Roth present the gift at the Graduation Banquet

### CLASS GIFT CHALLENGE CAMPAIGN PARTICIPATION PERCENTAGES



"Most Likely to Need Provigil," Lisa Hanover



"Class Clown Who Will Still Earn Six Figures," Roy LaBarge

Christy Metzger enjoys the banquet with family and friends



## Hooded After All These Years



Jeff Rudolph (far L) along with his wife, Gail, and Dr. Garnet Peck after being hooded 38 years post-graduation

Jeffrey S. Rudolph received his PhD in 1971 in Industrial and Physical Pharmacy from the School of Pharmacy and Pharmaceutical Sciences, but he was unable to attend his graduation ceremony since he had already begun work at a pharmaceutical firm in New Jersey. "My wife and I were visiting relatives in Phoenix and the husband was on the faculty of a dental school. He had his robe, cap, and hood out to take to their ceremony the following day," he says. That was about a year ago, and it was then that Jeff's wife suggested how nice it would be if he could go through graduation after so many years.

Jeff was given the opportunity to return to campus for the Spring 2009 Commencement and finally walked across the stage on May 16. He was hooded by none other than Professor Emeritus Garnet Peck, his graduate advisor during his time at Purdue. "Having Dr. Peck hood me was such an honor," comments Jeff. "He played such an important role in the education of many industrial pharmacy students, and having him participate in the ceremony was a small recognition for the tremendous contribution he has made over many decades."

Jeff continues, "I am so appreciative to the IPPH faculty and the administration of Purdue University for allowing me to participate in the graduation ceremony. A special side benefit was that we brought along our 16 year old grandson, Trey, who is starting to think about college and was very impressed with his grandfather going through graduation. His presence was certainly a motivator for him."



## Spring 2009 Graduates



### BS in Pharmaceutical Sciences

Thomas Berg  
Ellen Bielawski  
Kevin Boksa  
Steven Dale  
Natasha Deubelbeiss  
Yitao Liu  
Huong Nguyen  
Kay Pezzanite  
Matthew Stier  
Ashley Thomas  
Ruben Vargas

### PharmD

Khulood Abdulghani  
Diana Ang\*\*  
Melanie Baldonado  
Robert Beckett  
Jankhana Bhagwakar  
Justin Bouw  
Krista Brown  
Jennifer Bryant  
Crystal Chang  
Kara Charnoski  
Shawn Chase  
Terence Chau  
Angela Cheng\*\*  
Alex Chiaghana  
Christina Clem  
Michael Cotton  
Zachary Crabill  
Kimberly Dahnke  
Ashley Davich

Shanna Davis  
Natalie Dickmeyer  
Mary Douglas  
Calea Driscoll  
Elizabeth Duncan  
Wasim El Nekidy  
Justin Feil  
Katherine Fireooved\*\*  
Alexander Fohl  
Sarah Fullen  
Ashley Fulton  
Blair Furrer  
Anthony Gentene  
Jane Gillespie  
Melissa Goldsberry  
Jermel Golston  
Sarah Graegin  
Emily Greenhaw  
Melissa Grelak  
Brianna Greslo  
Alan Gross  
Avery Hagedorn  
Isabel Hagedorn  
Issam Hamadeh  
Laura Hamilton  
Lana Hammad  
Lisa Hanover  
Serena Harris  
Craig Hodges  
Kari Hollowell  
Sean Hoos  
Lauren Hull  
Lara Imai  
Roosan Islam  
Kayla Izdepski

Carolyn Jacobs  
Lulu Jin\*  
Eric Johnson  
Jessica Johnson  
Danielle Jones  
Ryan Karver  
Athena Katsafaros  
Sarah Kennedy  
Minhee Kim  
Matthew Knoth  
Anna Kovalenko  
Roy La Barge  
Charlea Lammey  
Lorenea Lane  
Jessica Lauver  
Katherine Lee  
James Lepak  
Eric Lis  
Christopher Liston  
Brittney Lockhart  
Alicia Lovely  
Charity Lucco  
Sarah Lyons  
Andrew Mach  
Geraldine Maniraguha  
Amy Maxberry  
Jennifer McCauley  
Holly McCollough\*\*  
Adam McCoy  
Pamela McLean  
Melissa Meloscia  
Brittany Melton\*  
Laura Meshberger  
Christy Metzger  
Hajra Mirza

Aaron Molenda  
Sarah Moran  
Ashley Moss  
Pamela Mullen  
Sean Musil  
Nichole Nero  
Valerie Ng\*\*  
Loc Nguyen  
Brandon Nixon  
Marwa Noureldin  
Erin O'Neill  
Sandra Obeng  
Christopher Oswald  
Hellen Owuor  
Ashwini Pai  
Amber Parish  
Hyunkyung Park  
Shital Patel  
Sarah Perkins  
Arti Phatak  
Sarah Pierce  
Donna Prole\*  
Sarah Quick  
Ben Railsback  
Ashley Richard  
Kathryn Ringenberg  
Laura Rogers  
Tobie Rogers  
Todd Roller  
Lynn Rostron  
Chelsea Roth  
Whitney Royer\*\*  
Vivek Sagi  
Kamal Saliba\*\*  
Shauna Santare

Kathleen Sauler  
Patrick Schleck  
Martha Schmidt  
Angie Schneider  
Melissa Schnur  
Megan Seibert  
Phillip Simpson  
Cory Smith  
Cindy Stark  
Lisa Starost  
Crystal Stickel  
Shannon Stover  
Qumerunnisa Syed  
Andrea Szostek-Krupa  
Anthony Tardi  
Ernest Tawiah-Hacka  
Yasmin Thathia  
Maria Thompson  
Lauren Tokoly  
Mai Tran  
Van Truong  
Giulia Vicari\*  
Rusvel Villamarin  
Lisa Walla  
Ashley Wannemuehler  
Ashley Wilde  
Meggan Williams  
Jessica Winger  
Kelli Yaros  
Jerad Yelland  
Lisa Zagroba

\* PharmD/BSPS dual degree  
\*\* PharmD/MSIA dual degree

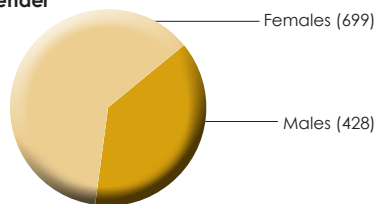


# Fall 2009 Admission Statistics

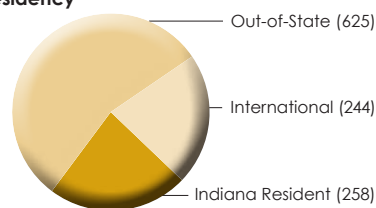
## 2009 Applications

<b>Total Applications</b>	<b>1127</b>
Purdue/WL	259
Other Indiana Campuses	85
Anderson Univ.	2
Ball State	6
DePauw	1
Goshen	1
ISU	5
IU-Bloomington	8
IU-Kokomo	1
IUPUI	17
IU-NW	1
IU-PU/FW	8
IU-SB	2
IU-SE	4
Manchester	1
PU-Calumet	12
PU-NC	3
Notre Dame	3
St. Mary's	2
Taylor Univ.	1
U-Indianapolis	1
U. Southern IN	1
Valparaiso	1
Vincennes	4
Out-of-State Colleges	783

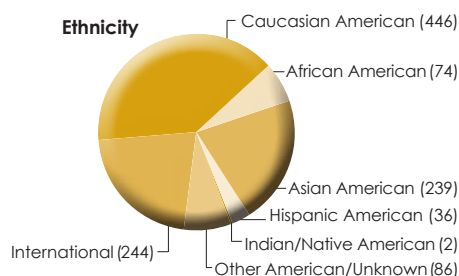
### Gender



### Residency



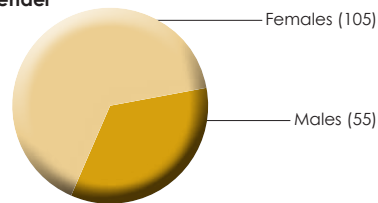
### Ethnicity



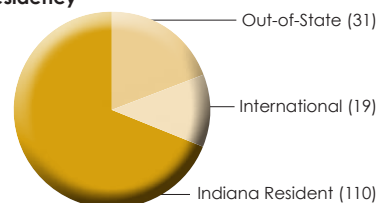
## 2009 Admissions

<b>Total Admitted</b>	<b>160</b>
Purdue/WL	123
Other Indiana Campuses	28
Anderson Univ.	1
ISU	3
IUPU-FW	4
IU-Kokomo	1
IUPUI	6
IU-SE	1
Notre Dame	1
PU-Calumet	7
PU-NC	1
St. Mary's	1
Vincennes	1
U. Indianapolis	1
Out-of-State Colleges	9
<b>Average Age</b>	<b>22 (Range 19 - 39)</b>
<b>Cum. GPA Average</b>	<b>3.67 (Range 3.16 - 4.00)</b>

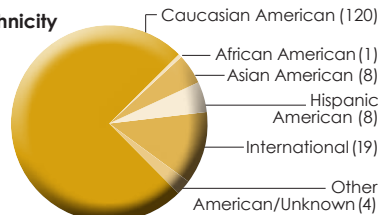
### Gender



### Residency



### Ethnicity



## The Cowan Family Business

Purdue Pharmacy not only runs in the family, but in the family business for the Cowans.

**Max Cowan** received his BS in Pharmacy from Purdue University in 1950. His daughter, **LuAnn Cowan Robertson**, followed in his footsteps, receiving her BS in Pharmacy in 1979. Eight years later, her younger brother, **John Cowan**, walked across the same stage to receive his BS in Pharmacy in 1987. The three own and operate Cowan Drugs/Parkside Pharmacy in Lebanon, Indiana.

Max is thrilled that his children chose to follow his lead. "Pharmacy has been my life for over 58 years," he says, "and not many parents have the opportunity to work beside their children and have them take over your business."

John comments, "It has been awesome to follow my father and sister's path to pharmacy. My father will always be my hero, and my sister an inspiration. It was good for me to be able to help out at the family store, to see first-hand the pharmacy profession. It also helped that they both graduated from Purdue, and pretty neat that I had some of the same faculty as my sister before me."

In 2008, Max, LuAnn, and John Cowan were the first family to be collectively awarded the Glen J. Sperandio Award for Outstanding Contributions to Pharmacy Practice. Max recalls how very humbled he was by the award, and that he and his family continues to be forever grateful for the wonderful educations they received from the School of Pharmacy.



(L to R) LuAnn Cowan Robertson, Max Cowan, and John Cowan



# Dean's Pharmacy Executive Forum

The Spring 2009 Dean's Pharmacy Executive Forum hosted several outstanding alumni and friends of Purdue Pharmacy. The School of Pharmacy and Pharmaceutical Sciences is pleased to recognize the following guest lecturers who spoke during the past academic year.



**Hamid A. Abbaspour  
(BS 1985)**  
Owner, Dr. Aziz Pharmacy  
President, Gateway Institute

"Yes You Can:  
The Opportunities and  
Challenges the Young  
Entrepreneurs (Pharmacists)  
are Facing in this Decade"



**Jeffrey W. Jackson  
(BS 1997)**  
Owner  
Custom Med Apothecary

"Entrepreneurship:  
Knowledge is Key  
to Success"



**Albert L. Peyton  
(PhD 1983)**  
Director of Global Quality  
Auditing and Compliance  
Eli Lilly and Company

"Emerging Trends and  
Careers in the Pharmaceutical  
Industry"



**Marvin R. Richardson  
(BS 1980)**  
President and Chief  
Executive Officer  
Arcadia Health Care

"The Role of the Pharmacist  
in Improving Medication  
Compliance"



**Ronald A. Rosich  
(BS 1981)**  
Manager of Business  
Operations in the  
Neuroscience National  
Sales Division  
Eli Lilly and Company

"Medicines and Miracles"



**Donna S. Wall  
(PharmD 1993)**  
Manager of Drug Use  
Policy, Quality  
Improvement and  
Regulatory Compliance  
Clarian Health Partners

"Patient Safety—  
It's Personal"



**Edward L. Langston  
(BS 1967)**

Immediate Past Chair of  
the Board of Trustees  
of the American Medical  
Association  
Doctor of Family Medicine  
and Geriatrics  
American Health Network

"Involvement and Leadership  
is Not an Option, It's a  
Responsibility"



**Nancy Clifton Lilly  
(BS 1978)**

Vice President of New  
Product Planning and  
Marketing Analytics  
Eli Lilly and Company

"International Trends Shaping  
Drug Discovery"



**William X. Malloy  
(BS 1976)**

Clinical Director and  
Pharmacy Practice  
Residency Director  
Community Health Network  
in Indianapolis

"How is Your Puzzle Looking?"



**Kristen A. Mosdell  
(BS 1984)**

Director, Medical  
Communications  
(Bone Therapeutic Area),  
Scientific Affairs  
Amgen, Inc.

"Pharmacists in Pharma—  
Optimizing Your Options"



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. To read the biographies of each speaker, please visit <http://www.pharmacy.purdue.edu/advancement/alumni/deansforum/>.



# Jack P. Money (BS 1941) Inducted into ROTC Hall of Fame

On April 18, 2009, Col. (Ret.) Jack P. Money was inducted into the Reserve Officer's Training Corps (ROTC) Hall of Fame at Purdue University. The ceremony recognizes graduates from the Army, Navy/Marine and Air Force ROTC programs who have distinguished themselves through leadership, integrity, courage, and discipline. Col. Money received his Pharmacy degree from Purdue in 1941.

While a student, he participated in the ROTC program and was commissioned as a second lieutenant in the U.S. Army upon graduation. He attended basic Officer Training School in Ft. Sill, Oklahoma, and was then assigned to the 28th Division where he was a battery motor officer. He was later promoted to First Lieutenant and Battery B Executive Office of the 193rd Field Artillery Battalion. Col. Money served in World War II and his unit participated in the Battle of the Bulge. His service earned him the American Defense Medal, American Campaign Medal, European-African Middle Eastern Campaign Medal, along with three stars to denote separate campaigns, a WWII Army of Occupation Medal, a WWII Victory Medal, and an Armed Forces Reserve Medal. He proudly served 26 years in the military, including 21 years in the Indiana National Guard. The culmination of his military career, he says, was achieving his long time goal of being made division Artillery Commander of the 38th Infantry Division.

Col. Money's father ran a family-owned pharmacy, Moss and Money Drug Company, Inc., in Spencer, Indiana. He returned from WWII and worked in the



(Seated L to R) Cynthia Money Richards, Jack Money, Shirley Money Wilson; (Standing L to R) Floyd Richards, John Dyar, Craig Money, Sylvia Money Dyar, Tad Wilson

store until his retirement in 1985. But the pharmacy genes didn't stop there. Col. Money's sister, Shirley Money Wilson, is a 1956 Pharmacy alumna, and his other sister Cynthia Money Richards also attended pharmacy school at Purdue. Col. Money and his late wife, Althea, met in 1943 on a blind date. Their son, Craig Money, received his BS in Pharmacy in 1978 from Purdue. And although she chose not to follow in the pharmacy footsteps, their daughter, Sylvia Money Dyar, continued the Boilermaker tradition, graduating from Purdue in the College of Consumer and Family Sciences in 1969.

The day's festivities might not have happened if it weren't for Col. Money's son-in-law, John Dyar, who nominated him for the award. Mr. Dyar comments that his father-in-law's qualifications of service to country, community, and

Purdue University made him deserving of this honor. "He valued his time in ROTC at Purdue and felt his success in life was in part from lessons learned in the military," he says of Col. Money. "He was thrilled his family could witness his induction ceremony."

When asked about his initial reaction to being nominated and later inducted, Col. Money recalls, "I was very pleased and grateful that John had nominated me and he had done it of his own accord, and that it came to a successful completion. I am honored and thankful to be among those who were selected before me for this prestigious honor."



## ROTC Hall of Fame Pharmacy Alumni

School of Pharmacy and Pharmaceutical Sciences is proud to count the following recipients among our alumni.

- 2005 **Robert E. Heine** (BS 1939, HDR 1968)
- 2005 **Lloyd M. Parks** (PhC 1933, MS 1936, HDR 1962)
- 2006 **Robert G. Sikora** (BS 1972)
- 2009 **Jack P. Money** (BS 1941)

# SIXTY SECONDS

*With a Graduate Student*

## **David J. Lindley**

**BS in Pharmaceutical Sciences,  
2005, Purdue University**

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

**Anticipated Graduation Date:**  
December 2009

**Hometown:** Mishawaka, Indiana

**Major Professor:** Dr. Gregory T. Knipp

**Thesis Title:** Investigations into the regional expression and functional characteristics of the peptide/histidine transporter 1 (PHT1) and other established peptide transporters

**Research Interests:** My research interests lie in the overall contribution of peptide transporters to the absorption, distribution, metabolism, and excretion of peptides and peptide based drugs. In addition,

I am also currently interested in understanding the differentiation-dependent changes in transporter expression that can be seen with varying culture conditions. By identifying these differences, we can move to potentially develop a standardized cell culture protocol within the same cell model, which would be critical for contrasting drug screening applications between laboratories.

**Awards and Honors:** 2009 Schering-Plough Science and Innovation Award; Purdue Research Foundation Graduate Fellowship; Co-coordinator of the 2009 Pharmaceutics Graduate Student Research Meeting (PGSRM)

**Post-graduation plans:** I am seeking a career in pharmaceutical biotechnology or biopharmaceutics. Upon graduation, I am still contemplating whether to seek a position in an industrial setting or perform postdoctoral research to expand my knowledge base. I do enjoy teaching and I am not ruling out the possibility of obtaining a faculty position in the future.



**“The faculty within the School of Pharmacy and Pharmaceutical Sciences has cultivated a positive working atmosphere which encourages and ensures graduate student innovation and success.”**



*7th Annual Garnet Peck Symposium*

## **Emerging Trends in Health Care**

**November 13, 2009**

**1:00 pm Fowler Hall, Stewart Center**

*The School of Pharmacy and Pharmaceutical Sciences will present the 7th Annual Garnet Peck Symposium on November 13, 2009. The symposium will focus on Emerging Trends in Health Care and is part of the School's 125th Anniversary Celebration.*

### MODERATOR:

**Ronald Dollens (BS 1970, HDR 2001)**  
Former President and CEO of Guidant Corporation

### SPEAKERS:

**Timothy Dickman (BS 1979)**  
Former President and CEO, Prime Therapeutics, Inc.  
*The Impact of Pharmacy Benefit Managers in the Development and Use of Pharmaceutical Products in the 21st Century*

**Habil Khorakiwala (BS 1966)**  
Chairman, Wockhardt, Ltd  
*Globalization of Health Care Services*

**John Lechleiter**  
Chairman, President and CEO, Eli Lilly and Company  
*Strategies for Discovering and Developing New Medicines in the 21st Century*

**Richard Markham (BS 1973, HDR 1998)**  
Partner, Care Capital  
*Financing Innovation in the Life Sciences for the 21st Century*

**Gregory Wasson (BS 1981)**  
President and CEO, Walgreens  
*Transforming Community Pharmacy for the 21st Century*

This activity is supported by a contribution from Lilly USA, LLC.  
For further information concerning Lilly grant funding visit [www.lillygrantoffice.com](http://www.lillygrantoffice.com).

*Additional information will be available online at <http://www.ipph.purdue.edu/peck/>.*



# Faculty News



Foster



Hu



Pinal



Plake



Sowinski



Zillich

Please join the School of Pharmacy and Pharmaceutical Sciences in congratulating the following faculty whose promotions were approved by the Board of Trustees on April 10, 2009:

**David Foster**, Associate Professor of Pharmacy Practice

**Chang-Deng Hu**, Associate Professor of Medicinal Chemistry and Molecular Pharmacology

**Rodolfo Pinal**, Associate Professor of Industrial and Physical Pharmacy

**Kimberly Plake**, Associate Professor of Pharmacy Practice

**Kevin Sowinski**, Professor of Pharmacy Practice

**Alan Zillich**, Associate Professor of Pharmacy Practice

## FACULTY SPOTLIGHT



### Lynne S. Taylor

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Associate Professor of  
Industrial and Physical Pharmacy

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**Lynne S. Taylor** is currently Associate Professor in the Department of Industrial and Physical Pharmacy at Purdue University. She graduated with a Bachelor of Pharmacy degree from the University of Bath in 1990 and a PhD in Pharmaceutical Technology from the University of Bradford, UK, in 1996. In between her degrees, she spent some time working in pharmacy in both the UK and Zimbabwe. After receiving her PhD, she was a postdoctoral researcher with Professor Zografli at the School of Pharmacy, University of Wisconsin-Madison. She spent five years working at AstraZeneca in Sweden where she was an associate principle scientist within the Solid State Analysis group prior to moving into academia, joining the Purdue faculty in 2003.

Her current research interests center around the investigation of water-solid interactions, amorphous materials, amorphous molecular level solid dispersions, hydrates and polymorphs, and the application of vibrational spectroscopy to probe molecular level aspects



After over five years of excellent service, Professor **Kent Summers** will be leaving the Department of Pharmacy Practice. He has accepted a position as Senior Director of Health Outcomes Research at Endo Pharmaceuticals near Philadelphia, Pennsylvania.



The Purdue University Board of Trustees approved the appointment of **Arun Ghosh** as Distinguished Professor of Chemistry and Medicinal Chemistry and Molecular Pharmacology on May 29, 2009.

### Special Journal Edition to Honor Byrn



The Journal of Pharmaceutical Sciences has announced a special edition dedicated to Dr. Stephen Byrn, Charles B. Jordan Professor of Medicinal Chemistry. Dr. Byrn has been a wonderful advisor, mentor, friend, and colleague to many over the years, as well as an intellectual giant in the area of solid state chemistry, so this is a fitting tribute. The guest editors invite submission of manuscripts (review articles, commentaries, research articles) in the area of solid state chemistry for consideration in this special edition.

The deadline for submitting manuscripts is February 1, 2010, for publication in September 2010. Manuscript submission is via the normal process for J. Pharm. Sci. (<http://mc.manuscriptcentral.com/jpharmsci>), however please select the "Stephen Byrn" issue when asked if the manuscript should be considered for a special issue. The edition is also described in the June 2009 editorial of J. Pharm. Sci. The guest editors are Lynne Taylor and Ann Newman.

of the solid state. She has more than 50 peer reviewed publications related to these research areas. She was the recipient of the AAPS New Investigator Grant and the AACP New Investigator Award in 2003 and is a member of the Editorial Advisory Board for the Journal of Pharmaceutical Sciences and Pharmaceutical Development and Technology.

Dr. Taylor enjoys gardening, which she says is probably something to do with her English background. These efforts are aided by her two small daughters who love to pick flowers, "help" plant seeds, and dig in the dirt.

#### What first drew you to your research field?

After I graduated with my Bachelors degree, I spent a year working in a hospital pharmacy in Zimbabwe. I spent a lot of time manufacturing small batches of formulations that were not readily available commercially, including creams and pediatric formulations. At times, I had to reformulate when key ingredients were in short supply. This experience piqued my interest in formulation science in general and led me to undertake a PhD in Pharmaceutical Technology.

#### What is it that interests you most about your research?

My research field is very applied and multidisciplinary. In order to turn a molecule into a medicine that can be taken by patients, there are a large number of issues that have to be considered and researched. I have always found it very interesting to try

and apply knowledge from other disciplines to help solve pharmaceutical issues. This involves interacting with researchers in other disciplines which is always very stimulating.

#### What do you hope to discover through your research?

How to formulate robust products that meet patient needs.

#### What are you currently working on in your lab?

We have a number of projects at the moment. A major current focus is producing formulations with enhanced solubility through the use of solid dispersion technology. As part of this work, we are investigating the use of novel polymers to enhance solubility through collaboration with Professor Kevin Edgar at Virginia Tech. We are also very interested in the better understanding the deleterious effect of moisture on pharmaceutical and other products containing bioactive ingredients; some of this research is being undertaken with colleagues in Food Science. Through a collaboration with engineering colleagues and as part of the NSF funded Engineering Research Center on Structured Organic composites, we are investigating ink jet printing technology for the production of individualized dosage forms.

#### What do you enjoy most about working with the students?

I really enjoy seeing students develop as they progress through their academic career.



## ALUMNI, STAFF & STUDENT ACTIVITIES

### Alumni and Preceptor Receptions

On March 16, 2009, the School of Pharmacy and Pharmaceutical Sciences visited alumni and preceptors in Evansville, Indiana. The day was filled with visits to clerkship sites, followed by a reception held at Saint Mary's Hospital that evening. Over fifty alumni, friends, and preceptors attended the reception graciously sponsored by Saint Mary's.

The School also visited alumni and preceptors in South Bend, Indiana, on April 27, 2009. Dean Craig Svensson, along with Drs. Steve Abel and Brian Shepler, visited several clerkship sites in the area. Forty alumni met at the College Football Hall of Fame for a wonderful reception.



(L to R) Rosemary and Richard (BS 1942) Deardorff visit Konrad (BS 1961) and Brenda Seifert at the South Bend reception



(L to R) Lloyd Claybaugh (BS 1978) and Jack Sandleben (BS 1942) won door prizes at the Evansville reception

### Pharmacy Spring Fling

The School of Pharmacy and Pharmaceutical Sciences "rolled out the Red Carpet" at the 2009 Pharmacy Spring Fling held on April 18, 2009. Spring Fling is sponsored annually by the School's Corporate Partners. Thanks go to Cardinal Health, CVS/Caremark Corporation, Kroger Company, Mylan Laboratories, Pfizer, Inc., SSCI Incorporated, and SUPERVALU Incorporated for making this year's event a huge success.



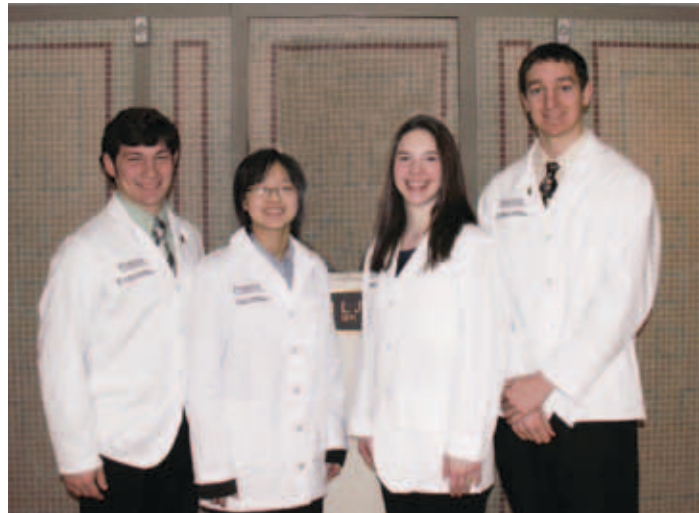
Can you identify these Pharmacy faculty celebrities? (L to R) Dr. Steve Abel (aka Brett Read), Dr. Robert L. Geahlen (aka Shelby Kounce), Dr. Steve Scott (aka Nick Sciacca) and Dr. D. James Morre' (aka Michael Silver)

## ALUMNI, STAFF & STUDENT ACTIVITIES

### 21st Century Scholars Program

The Twenty-first Century Scholars Program was started in 1990 by the State of Indiana as an effort to raise the educational aspirations of students from low and moderate income families and to ensure that all Indiana families can afford a college education for their children. The Scholars Program guarantees eligible students up to four years of undergraduate college tuition at any participating public college or university in Indiana.

Students admitted to the PharmD program are classified as professional students and were previously not provided financial support from the Scholars Program upon entering the professional program. However, advocates from the Division of Financial Aid and the Student Access, Transition, and Success Program at Purdue University have been successful in their efforts to have the State Student Assistance Commission of Indiana conduct a policy review. Now for the first time, Twenty-first Century Scholars enrolled in the PharmD program in the School of Pharmacy and Pharmaceutical Sciences will receive financial support for two years, completing their eligibility. Congratulations to the first Doctor of Pharmacy students who were able to carry over their Twenty-first Century Scholars funding from pre-pharmacy to the PharmD program.



21st Century Scholars (L to R) Jonathan Huffmeyer, Lisa Huynh, Shana Volkman, and Joshua Yatsko; not photographed are Ashley Hoggard and Raina Narsinghani



Spring Fling committee members (L to R) Tara Holt, Joe Dyer, Kimberly Beckman, and Rachel Gaesser



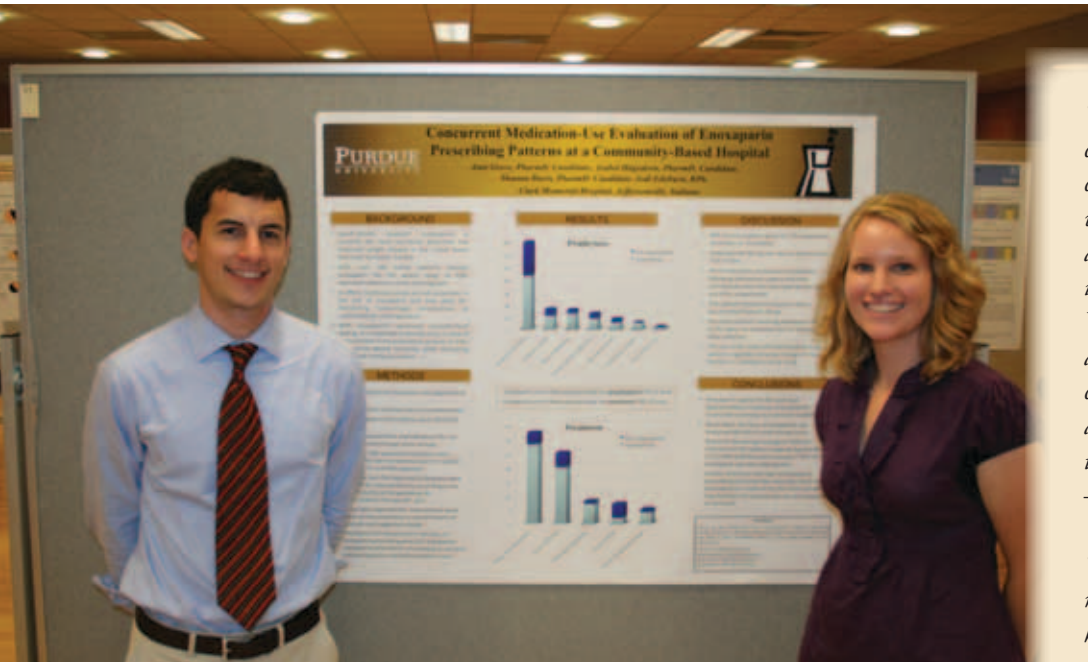
Dr. Bruce Carlstedt and students raise awareness for the National Kidney Foundation

### Marching for a Cause

Eight students and one faculty member from the School of Pharmacy participated in the 29th Annual St. Patrick's Day Parade held in Indianapolis on March 17, 2009, as marchers for the National Kidney Foundation of Indiana's (NKFI) group. They carried signs indicating the importance of maintaining health and that health is more than just "Good Luck." Also, they distributed candy to several thousand parade viewers. They have marched with the NKFI several times over the past 7-8 years. Students are rewarded with a sense of helping a health-related organization's mission of informing people about their health and specifically about the health of their kidneys. There were over 100 different units and nearly 2,000 people marching, and it was viewed by thousands of spectators along the 1 ½ mile route.



## ALUMNI, STAFF & STUDENT ACTIVITIES



Alan Gross, Isabel Hagedorn, and Shanna Davis (not pictured) presented "Concurrent Medication-Use Evaluation of Enoxaparin Prescribing Patterns at a Community-Based Hospital"

*"I plan to post [the project results] on my compounding intranet website as a tool for the clinical pharmacists and physicians who work with ketogenic diet patients, present at the annual International Academy of Compounding Pharmacists (IACP) annual meeting in Washington DC, and use the poster as a visual aid in my CE presentation about developing a compounding rotation. It is a great example of a student project that can be used by a preceptor to enhance their compounding practice."*  
– Compounding pharmacist

*"This review of argatroban and justifying the need for a dosing protocol is something we have needed to do for a long time. This will definitely help our patients."*  
– Clinical hospital pharmacist

*"The candidates were very professional and performed high quality work. Although the findings of this study were 'negative' and somewhat 'underpowered', it represents the best data to date. I actually reference this small pilot study when my patients ask questions [in regards to] this area of research, whereas in the past I had to tell them we simply had no clue."*  
– Physician

### PharmD Poster Presentations

The PharmD Poster presentation was held on May 1, 2009. Over 70 projects were presented by the 2009 PharmD candidates through collaboration with 51 project preceptors. This year's projects were designated to five categories: 17% clinical research, 18% service/protocol development and implementation, 31% education, 18% medication/drug use evaluation, and 15% other. Several preceptors gave comments that reflected the work performed and value of projects at their work place.

### Class of 1959 Reunion

The School was honored to welcome back to campus the Pharmacy Class of 1959 on April 17-19, 2009. In conjunction with the Purdue Alumni Association, the School hosted several events including campus tours, a 50th Reunion dinner, Back to Class sessions, a Loyalty Luncheon, and a Class parade.

Pharmacy alumni pose with their Forever medals.  
(L to R) Bob Coican, Nancy (Rebhun) Fries, Jan (Kaffenberg) Schuette, Wayne Culley, Donna (Koch) Myers, and Mei Chen Welland



## ALUMNI, STAFF & STUDENT ACTIVITIES



Program student Messai Belayneh and guests enjoy visiting during the luncheon



Guest speaker Robert Stephens (BS 1978)

### Multicultural Programs Awards Luncheon

The annual Multicultural Programs Awards Luncheon was held on April 4, 2009, at University Church in West Lafayette. The luncheon is a celebration and testament to the effectiveness of diversity initiatives within the School. The event brings together all in the “community” to applaud and recognize those who work so hard, expend efforts, and provide support to enhance the success and professional development of program participants. Guests enjoyed a savory array of foods representing different cultures, including Korean, Thai, African, African-American, and Mexican dishes.

This year’s presenter was Dr. Robert Stephens (BS 1978), Associate Professor at The Ohio State University, who shared his experiences and suggestions for forging a pathway to the future for diversity and inclusiveness.

Minority/Multicultural Programs was established in 1992; from the beginning, Professors Marietta Harrison and Stan Hem have had a strong presence in increasing diversity in the School. Both were members of the Minority Advocacy Committee, have assisted with program components, and served as student advocates. They were recognized, along with Susan White, Director of the Purdue University Pharmacy, for their outstanding efforts.

Corporations provide financial support for diversity initiatives in the School, but the individuals give of self, have a strong presence, interact, and engage students in experiences that enhance their professional development. Appreciation was extended this year to corporate representatives Steve Keen, Jr. (BS 1981), Supervalu Incorporated; Cathy Simmons (BS 1998), Walgreen Company; and William Sonner, Walgreen Company.

Student success was acknowledged with certificates of achievement, and graduating seniors and their parents were recognized. Culminating the event was a photography session.



Dean Craig Svensson (far L) poses with our Corporate Supporters (from L to R): Christopher Creamer (BS 1999), Walgreen Company; Nick Sloffer (BS 2001), Scott’s Pharmacy; Mark Bunton (BS 1995), CVS/Caremark Corporation; William Sonner, Walgreen Company; Cathy Simmons (BS 1998), Walgreen Company; Patty Elsner (PharmD 2001), Walgreen Company; James Cox, II (BS 1997), CVS/Caremark Corporation; and Steve Keen, Jr. (BS 1981), Supervalu Incorporated



Multicultural Programs—a family affair: Program participant Mongkon Wungwattana (center) poses with his parents and sister, Minkwan (far R), a former Program participant, and a friend (far L)



### 500 Festival Princesses

Two Pharmacy students were chosen to represent the Indianapolis 500® and their hometowns as 500 Festival Princesses. Congratulations to Mina Alsaraf (Class of 2010) of Floyds Knobs and Brittani Hopkins (Class of 2013) of Brownsburg. The princesses attended the 2009 festival events and volunteer programs throughout the month of May and will be involved with statewide outreach programs of their choosing. Applicants are selected based on communication skills, poise, academic performance, and community and volunteer involvement and must be Indiana residents enrolled in a fully-accredited Indiana college or university.



Mina Alsaraf



Brittani Hopkins

(Photos courtesy Banayote Photography)



## ALUMNI, STAFF & STUDENT ACTIVITIES



Pharmacy discussion panelists (L to R) Lisa Koss, Cindy Weil, Jeannie Chaney, and Winnie Landis

### Pharmacy Women for Purdue

On April 24, 2009, over two dozen Pharmacy Alumnae gathered in the Ross Ade Pavilion for a breakfast presentation by Dean Craig Svensson outlining the agenda for the day's Women for Purdue conference. The women then joined fellow alumnae from numerous other Purdue Schools and Colleges for the University-wide Women for Purdue session. A panel discussion was moderated by Carolyn Curiel, a former White House speechwriter, U.S. ambassador, member of The New York Times editorial board, and currently Chief of Staff, Office of the President of Purdue. Other panel participants included Joann DiGennaro, President of the Center for Excellence; Thena Norman, retired Director of the CDC; and Sara Cobb, Vice President for Education, Lilly Endowment.

The Pharmacy Women for Purdue reconvened for lunch with female faculty from the School, followed by afternoon panel discussions on two issues chosen from a survey of current students: "Work/Family Life Balance" and "Mentoring/Career Advancement." Round table discussions including approximately 30 female PharmD, BSPS, and graduate students followed, covering topics such as career development, mentoring our students, and alumni networking.

Follow up comments from Pharmacy alumnae, students, and faculty attending Pharmacy Women for Purdue indicate that the day was fruitful. The group is looking forward to engaging as many new members as possible, and perhaps hosting additional mentoring-style seminars for female students on such topics as professionalism, dressing for success, presentation and interviewing skills, and resume building. If you are a Pharmacy Alumna and would like to participate in Pharmacy Women for Purdue, or if you have questions about the group or suggestions for other possible topics of interest, please contact us by email at [dev@pharmacy.purdue.edu](mailto:dev@pharmacy.purdue.edu) or call (765) 494-1370.

### Pharmacy Women for Purdue STEERING COMMITTEE MEMBERS

Mary Baker (BS 1979)

Jeannie Chaney (BS 1961)

Virginia Goodall (BS 1984)

Lisa Koss (BS 1990)

Jane Krause (BS 1981, MS 1994)

Winnie Landis (BS 1981)

Shirley Paddock (BS 1990)

Katie MacFarlane Phillips  
(BS 1988, PharmD 1989)

Sarah Sanders (BS 1978,  
PharmD 1980)

Kim Wasson (BS 1981)

Cindy Weil (BS 1979)

If you would like to read more about the many activities happening in the School of Pharmacy and Pharmaceutical Sciences, or if you'd like to see more photos from these various events, please visit [www.pharmacy.purdue.edu/features](http://www.pharmacy.purdue.edu/features)

## CLASS NOTES

### 1970-1979

**Randall Boris** (BS 1968, MSM 1977) is Senior Vice President of FactorHealth in Boca Raton, FL. The company provides specialty pharmacy services for hemophilia patients. Randy was previously with Allion HealthCare which has specialty pharmacies for HIV patients. He will keep his residence in San Francisco, CA.

The American Pharmacists Association (APhA) has announced **Neil Petry** (BS 1975, MS 1977) as the recipient of the 2009 APhA Academy of Pharmacy Practice and Management (APhA-APPM) William H. Briner Distinguished Achievement Award in Nuclear Pharmacy Practice. The award recognizes the achievements of an individual who has made a significant contribution to the provision of pharmaceutical care within nuclear pharmacy practice. He currently serves on the faculty at Duke University Medical Center at Durham, North Carolina, and recently joined the Division of Nuclear Pharmacy at Purdue as an adjunct professor and will begin hosting students on clinical rotations beginning in January 2010. (See photograph on page 16).

### 1980-1989

**Robert Barkin** (PharmD 1985) writes that he is Professor of Anesthesiology, Family Medicine, Pharmacology, at the Rush University Medical College in Chicago, IL.



## 1981 CLASSMATES

**Linda (Walters) McElhiney** (BS 1984) has been accepted as a full fellow in the American Society of Health-Systems Pharmacists (ASHP) and a full fellow in the International Academy of Compounding Pharmacists (IACP) this year. She is currently serving a second term on the IACP Board of Directors and serves on several committees. She also currently serves on the USP Panel of Experts for Nonsterile Compounding. She is a feature author for hospital compounding in the *International Journal of Pharmaceutical Compounding*. She and her husband, David (BS 1982, Interdisciplinary Engineering), have two sons, Steven (16) and Daniel (20).

**Lou Ann (Keith) Spry** (BS 1981), along with six fellow 1981 classmates, gathered at the home of **Kyle (Reich) Bair** (BS 1981) in New Mexico to celebrate their 50th birthdays. All were members of Alpha Delta Pi sorority and had a great time reminiscing about their days at Purdue. The group consists of two retail pharmacists, four hospital pharmacists, and one semi-retired consultant pharmacist.

*(L to R) Lou Ann (Keith) Spry, Boonville, IN; Anne (Lux) Hession, Huntsville, AL; Barbara (Boje) Watson, Noblesville, IN; Lori (Brzozowski) Marchi, Oak Park, IL; Kyle (Reich) Bair, Corrales, NM; Coleen (Hagan) Albright, Noblesville, IL; and Gwen (House) Mitchell, Matthews, NC*



## CLASS NOTES



**(L TO R) DEBBIE DABROWIAK ROSS (BS 1991) AND LEN KETSDEVER OUELLETTE (BS 1992) SPORTED THEIR SCHOOL OF PHARMACY T-SHIRTS WHEN THEY MET FOR A QUICK VISIT AT DISNEY WORLD IN OCTOBER OF 2008.**

### 1990-1999

**Todd Chermak** (BS 1994) recently earned his Doctor of Philosophy degree from the Department of Pharmacy Administration, University of Illinois, College of Pharmacy. He is photographed with Purdue Professor Emeritus



**Nicholas Popovich**, who currently teaches at the University of Illinois.

**Diana (Lisack) Jurss** (BS 1981) writes that she is happy to be living in a beautiful part of the country, the mountains of western North Carolina. She's working part-time in two local hospitals and comments, "I am very grateful to Purdue for giving me an education that keeps me employed even in this crummy economy!"

**Heather (McDaniel) Weeks** (BS 1998) (rphn98hotmail.com) is currently a stay-at-home mother to two wonderful children, Wyatt Matthew (2) and Anna Claire (1).

Julie and **Chris Williams** (BS 1992, PharmD 1995) welcomed Luke Joseph into the world on March 22, 2009, weighing 8 lbs 10 oz and measuring 20 ½" long. He joins Olivia (10) and Jack (4).

### 2000-Present

**Elizabeth Buckner** (PharmD 2006) (kremer.elizabeth@gmail.com) married Brian Kremer on March 28, 2009, at Spring Mill State Park in Mitchell, IN.

**Elizabeth (Sheldon) Cottongim** (BS 2001) brings the School up to date with many announcements. In August of 2003, she married David Cottongim (BS 2001, Electrical Engineering). After graduation from Purdue, she worked at Merck & Company, Inc., for four years before beginning medical school at the University of Cincinnati. Upon graduation, she will begin her medical residency in Obstetrics and Gynecology at The Ohio State University.

Joseph and **Anna (Kaiser) Creager** (PharmD 2006) welcomed their first child, Emma Claire, into the world on April 9, 2009. Born at Parkview North Hospital in Fort Wayne weighing 7 lbs 8 oz and measuring 21," Mom, Dad, and Baby are all doing well.

Brad (BSCE 2000, Civil Engineering) and **Tiffani Davis Eisenhauer** (PhD 2002), of Columbia, IL, welcomed the birth of their son, Aaron Edward, on February 27, 2009.

George and **Michelle (Scott) Elias** (PharmD 2000) (melias19@indy.rr.com) are pleased to announce the birth of their son, Luke Scott, on March 25, 2009. Luke weighed 7 lbs 6 oz and was 20 ¾" long.

**Amanda Jagger** (PharmD 2005) married Jonathan Knowles on July 26, 2008, in Fort Wayne, IN.

**Laura (Rearick) Kasamis** (PharmD 2005) and her husband, Daniel (BS 1999 and MS 2001, College of Technology), welcomed a son, Evan Leer, into the world on April 1, 2009.

**Jennifer Maguire** and her husband, Kevin, had a baby girl, Kaitlyn Grace. She was born on Friday, March 13, 2009, weighing 8 lbs 5 oz and measuring 20 ½" long. Jennifer is a graduate student in the School and serves as the Graduate



Student Representative on the Pharmacy Alumni Board.

Tiffany and **Brady Moffett** (PharmD 2000) are thrilled to announce the arrival of their baby boy, Barrett Wayne, on March 13, 2009, weighing 6 lbs



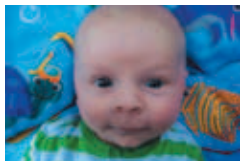
13 oz and measuring 20" long. The name Barrett means "bear like strength."

Josh and **Carrie (Roedel) Morton** (PharmD 2003) welcomed a new baby girl into their home on December 13,



2008. Ella Raegan was born weighing 7 lbs 4 oz and was 21" long.

Robert and **Amanda (Bilyeu) Parker** (PharmD 2004) welcomed their new son, Wyatt Thomas, born March 12, 2009. He weighed 8 lbs 4 oz and was 20 ½" long.



The family is doing well and living in Westerville, OH.

## Pay it Forward



**Louis "Lou" LaRowe** (BS 1969) remembers what it was like as a pharmacy student, worrying about the expense of his education. When he was a senior, tuition increased by \$75, and he had no idea how he would come up with the additional funds. Luckily, he didn't have to worry long. Thankfully, Lou received a scholarship. Not only did it help him solve his immediate financial woes, that simple act of kindness—philanthropy—stayed with him all these years, and that's why he, along with his wife Karen, now gives back to the School of Pharmacy and Pharmaceutical Sciences.

PharmD and BSPS students with financial need can now benefit from the LaRowe Scholarship Fund to help cover the ever-increasing cost of their education. No matter how large or small, alumni like Lou are proof that every gift counts. Decide to make a difference in a pharmacy student's life by making a gift today.

You may visit [www.pharmacy.purdue.edu/advancement/development/howtogive.php](http://www.pharmacy.purdue.edu/advancement/development/howtogive.php) to view the different ways you can make a gift to the School, or contact Christopher Smith at (765) 494-0501 or [jcsmith@purdue.edu](mailto:jcsmith@purdue.edu).

Matt (BS 2001, College of Technology) and **Kelly Craft Ruby** (PharmD 2003) welcomed the birth of their son, Asher



Henry, on March 26, 2009. He weighed 9 lbs 8 oz and was 21" long.

**Kristen Speicher** (BS 2002) ([klspeicher@yahoo.com](mailto:klspeicher@yahoo.com)) and her husband, David (BS 2003, Technology), welcomed the arrival of their second son, Lucas David, on April 19, 2009, weighing 8 lbs 3 oz and measuring 21" long. He was welcomed home by big brother Noah.

## IN MEMORIAM

**Rhonda Eldridge** (BS 1981)  
**Robert I. Grubbs** (BS 1955)  
**Robert J. Schreiber** (BS 1939)  
**Warren T. Sullivan, Jr.** (BS 1940)

## CORRECTIONS

In the Spring 2009 issue of *The Purdue Pharmacist* (Vol. 85, No. 1), it was printed that Dr. Stanley Shaw retired in 1995. Dr. Shaw retired in 2005.

## 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://alumni.pharmacy.purdue.edu/index\\_form.shtml](http://alumni.pharmacy.purdue.edu/index_form.shtml).

OR

MAIL TO: School of Pharmacy and Pharmaceutical Sciences  
 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 School of Pharmacy and Pharmaceutical Sciences. 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](mailto:chandler@purdue.edu).



# THE PURDUE PHARMACIST

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Heine Pharmacy Building, Room 104  
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West Lafayette, IN 47907-2091

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# Homecoming Week



*Celebrate* One Purdue,  
Many Traditions



EA/EOU

**PURDUE**  
UNIVERSITY

## Homecoming 2009 Celebration Activities

**Monday, September 28**  
Homecoming Kickoff Cookout

**Tuesday, September 29**  
Homecoming CandiDATE Auction

**Wednesday, September 30**  
Blood Drive

**Thursday, October 1**  
Krannert Leadership Series – Elaine Chao

**Friday, October 2**  
Boilermaker Night Train Parade  
Pep Rally with King and Queen Coronation  
Fireworks following the parade

**Saturday, October 3**  
Family-Friendly Celebration on the Mall  
Football Game: Purdue vs. Northwestern

[www.purdue.edu/homecoming](http://www.purdue.edu/homecoming)