I KNOW MANY OF YOU would agree that Purdue University is one of the best places to receive an education, but now we can say it is also one of the best places to work. The Scientist’s third annual Best Places to Work in Academia survey ranked Purdue number 15 based on criteria such as colleagues, opportunities to advance, and research resources. More than 2,600 researchers from across the U.S. responded to the survey. To see other institutions ranked in the list, visit www.the-scientist.com/article/display/15836/.

As you will see throughout this publication, this past fall was like any other—filled with excitement and many activities. However, unlike any other time in our long and distinguished history, we presented the first-ever Career Achievement Award at a ceremony held on October 28, 2005. It is with great honor that the School of Pharmacy presented Dr. Gloria Niemeyer Francke (BS 1942) with this award for her lifetime of service to the pharmacy profession. You can read more about Gloria’s distinguished career in our cover story found on page 14.

Also during October, the School recognized five highly deserving individuals for their outstanding achievements. Please help me in congratulating the Distinguished Alumni recipients Maria Bowman-Horner (BS 1981), James Eskew (BS 1976), Sumon Sakolchai (PhD 1987), and Donna Wall (PharmD 1993), as well as Clyde Cole for being named Friend of Pharmacy.

Pharmacy alumni receptions were held in Indianapolis and West Lafayette in the fall. A presentation of plans for the renovation of the Heine Pharmacy Building was given, and Professors Emeriti Pat Belcastro and Mary Losey, along with other current and retired faculty, were able to join us to share memories and renew friendships.

We have also initiated a series of receptions to meet with and honor our preceptors, who are so vital to the success of our educational mission. Receptions have been held in Evansville and South Bend, and additional receptions are planned for Merrillville, Fort Wayne, Chicago, Louisville, and Indianapolis. Many thanks to Brian Shepler for helping with the organization of these events, and we hope to meet many more preceptors at future receptions.

We are pleased to announce that several remodeling projects are about to be launched in the “new” pharmacy building, which is about 36 years old. These projects include the CVS/pharmacy Practice Laboratory, the Hook Drug Student Lounge, and the conversion of the greenhouse into an outdoor plaza. We are extremely grateful to the individuals and organizations that have so generously supported these initiatives. The resulting improvements will make an enormous difference in the overall quality of our facility, where so many people spend a large portion of their life. We anticipate conducting formal dedication ceremonies this fall.

Finally, I am sure you have heard significant changes are going to occur in the administration of this School, since I am slated to become the Founding Dean of a new school of pharmacy at the University of Hawaii. At this time, I would only like to assure you that a definitive plan is in place to assure a smooth and seamless transition. In the next issue of The Purdue Pharmacist, I will share all the details of this plan, describe some observations I have made over the past few years, and tell you how you can visit a former dean who is “bleeding black and gold” in Hawaii.

Hail Purdue!

John M. Pezzuto
Dean
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THE PURDUE PHARMACIST
Volume 82, Issue 1 (Winter 2006)

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The 2005 Distinguished Alumni and Friends of Pharmacy Program was held on Friday, October 28, 2005. The day began with a continental breakfast in the front foyer of Heine Pharmacy building where awardees were given the opportunity to interact with faculty and students in the various departments.

The Awards Luncheon was held in the West Faculty Lounge of the Purdue Memorial Union. Dean John Pezzuto presided, and Associate Dean Holly Mason read the citations. Recipients of this year’s Distinguished Alumni Awards are Maria D. Bowman-Horner (BS 1981), James A. Eskew (BS 1976), Sumon Sakolchai (PhD 1987), and Donna S. Wall (PharmD 1993). Clyde N. Cole was honored as a Friend of Pharmacy.

Congratulations to these individuals for their outstanding achievements in professional and scientific endeavors.

Maria D. Bowman-Horner grew up in Seymour, a small town in southern Indiana. She received her BS in Pharmacy from Purdue University in 1981. Upon graduation, she joined Eli Lilly and Company and became one of the first female pharmacists hired in the Technical Services Department for Dry Products operations, located in Indianapolis, IN.

Maria’s work experiences include leadership positions across Dry Products and Parenteral Products Operations, Technical Services, Clinical Trials Operations, and Quality Assurance/Quality Control. One of her favorite assignments includes the leadership at the Diabetes Supply Chain Operations at the Indianapolis parenteral facility, where she coordinated the functions of operations, engineering, technical...
services, financial and planning/scheduling for the manufacturing and packaging of Lilly’s insulin products. In 1996, Maria became the Site Quality Leader for the Dry Products facility overseeing Quality Assurance/Quality Control and the Quality Laboratories activities. In 1999, she was assigned the challenge of creating a Global Dry Products Commercialization Technical Center which was responsible for the scale-up and process validation of several new drug products scheduled to be launched from the four Lilly Dry Products facilities located in England, Spain, Puerto Rico, and Indianapolis. In 2001, she joined the Corporate Quality Unit which was responsible for establishing and maintenance of the company’s quality policies and procedures. Maria served as the Corporate Quality Assurance Manager responsible for the internal auditing of the manufacturing-packaging sites across the globe. She is viewed as one of the company’s quality experts in interpreting country laws regarding good manufacturing practices and their impact on the company’s quality systems which govern Lilly’s global operations. Maria’s current assignment, Manager of Business Integration Quality Control, involves leading a team of senior quality professionals responsible for the integration of quality business processes involving the corporation’s global computer system applications.

Maria has maintained a close relationship with the School of Pharmacy. She has served as Lilly’s point person for campus recruitment for approximately 10 years. Over the last five years she has established the Manufacturing Technical Services/Quality Assurance BSPS and PharmD internship programs at Lilly and serves as a preceptor for Purdue, Butler, and several other out-of-state colleges. Maria is a member of the Dean’s Industrial Advisory Council and has assisted in the review of the BSPS curriculum and a variety of topics at The Chao Center. She mentors several students interested in becoming industrial pharmaceutical scientists/pharmacists and serves as advisor for the students’ Industrial Pharmacy Club.

She has two daughters, Allison and Jessica, who are both students at Purdue, and a son, John, who is a sophomore at Shelbyville High School.

**JIM ESKEW** is a native of Vincennes, IN. He received a BS in Pharmacy from Purdue University in 1976 and an MBA from Indiana University’s School of Business in 1991.

Following graduation, Jim spent a year in Chicago as Sales Representative for Eli Lilly and Company before beginning his career in hospital pharmacy at the Indiana University Medical Center in Indianapolis in 1977. After three years as staff pharmacist at IU Hospital, he assumed a role in hospital pharmacy management at IU and played a key role in implementing decentralized pharmacy services and creating an environment for expanding the clinical role of the staff pharmacists at the medical center.

In 1983, Jim was appointed Assistant Director of Pharmacy at the Indiana University Medical Center where he was responsible for pharmacy services at Riley Children’s Hospital. While at Riley, he worked with his staff to develop specialized pediatric pharmacy services to meet the pharmaceutical care needs of Indiana’s most acutely ill children. Under Jim’s direction, the pharmacy department at Riley became a leader and reference for the state in providing pharmacy services for hospitalized children.

In May of 2000, Jim was appointed Director of Pharmacy for Clarian Health Partners in Indianapolis. Clarian was established in January, 1997, as a result of the consolidation of Indiana University Hospital, Riley Children’s Hospital, and Methodist Hospital of Indiana. Clarian is the largest hospital system in Indiana and one of the largest health care providers in the country. The Pharmacy Department under Jim’s direction has more than 300 employees and an annual expense budget of $90 million. As director, Jim has developed a sound organizational infrastructure and culture in the pharmacy department to support cost effective, best practice, and safe drug use practices at Clarian.

Jim’s publication topics include total nutrient admixtures in pediatrics, organizational strategies to support cost effective drug use, and use of smart infusion pumps to avoid medication errors. He is a frequent presenter at meetings of the American Society of Health System Pharmacists. Jim is an Affiliate Assistant Professor of Pharmacy Practice at Purdue and regularly provides lectures on the subjects of leadership in hospital pharmacy and medication safety.

Jim’s wife, Gail, is a 1976 graduate of the Purdue School of Consumer and Family Sciences. Their daughter, Susan, is a graduate of Florida State University; older son, John, is a senior at Miami University in Oxford, OH; and younger son, Kevin, is a junior in high school and hopefully headed to Purdue. Jim’s hobbies include golf, playing piano, and traveling with his family.
**SUMON SAKOLCHAI** is a native of Nakorn Nayok, Thailand. He graduated with the degree of Bachelor of Pharmacy (First Class honor) from Chulalongkorn University, Thailand, in 1976; Master of Science degree in Pharmacology from Mahidol University, Thailand, in 1978; Bachelor Degree in Law from Ramkhamhaeng University in 1979; and PhD in Medicinal Chemistry from Purdue University in 1987 under the supervision of Professor David Nichols. He started his career in 1978 as a lecturer for the Faculty of Medicine of Khon Kaen University. In 1983, Sumon transferred to the Faculty of Pharmaceutical Science of the same university where he was appointed Associate Professor in the Department of Pharmaceutical Chemistry. In over 20 years of teaching pharmacy students, his focus has been on medicinal chemistry courses, research methodology, and legal aspects of drugs and the pharmacy profession. His diverse research interests cover a wide range of current issues on drug quality, drug use, and policy-related issues. He has published over 10 books, 50 research articles and presentations, and 70 presentations of academic articles. He has been invited as a guest speaker and symposium panelist at major professional congresses and meetings (i.e., American Pharmaceutical Association symposium, FIP, PAPA, Pharma-Indochina, NRCT|JSPS in Pharmaceutical Science, ASEAUmiNET, GMSARN, GMSTEC) as well as Universities (i.e., University of Maryland at Baltimore, University of Minnesota, and University of Illinois at Chicago).

He has assumed many leading roles as an administrator at various levels in educational institutes. At Khon Kaen University, his major roles were Associate Director of University Hospital [800 bed teaching hospital], Assistant Dean, and Associate Dean. At the age of 34, he was selected and appointed Dean of Faculty of Pharmaceutical Science, a position which he held for almost 11 years. He was also promoted as the Vice-President for International Relations for almost 5 years prior to serving as the President of Khon Kaen University, which he has served since February 2003.

During his career, Sumon has made significant contributions to the Faculty of Pharmaceutical Science at Khon Kaen University. He is also one of the founding committee members in the setting up of two new Schools of Pharmacy in Thailand, namely Ubon Ratchathani University and Mahasarakham University. He has actively contributed to international pharmacy education as a committee member of the Pharmacy Education Consortium of Thailand and also became the chairman of this consortium in 2001. He has initiated many projects to develop and strengthen the clinical pharmacy education and practice for hospitals of Ministry of Public Health for almost 10 years.

Sumon’s commitment and contribution to the pharmacy profession is demonstrated by his roles in various organizations including the Pharmaceutical Association of Thailand and the Pharmacy Council of Thailand. Moreover, he has been appointed to over 60 committees of national and professional organizations.

He has played a leading role in various regional and international organizations and networks, both pharmacy and non-pharmacy related. In the Pharmacy network, he is one of the founders of the long time Thailand-Japan Research network called NRCT|JSPS in Pharmaceutical Sciences and founder of the US-Thai Consortium for the Development of Pharmacy Education in Thailand. Recently, he initiated a meeting of deans of pharmacy in Asia and later formed the association so called the Asian Association of Schools of Pharmacy (AASP) which was officially inaugurated in 2002.

In 2003, Sumon received the Distinguished Alumnus Award from Mahidol University, Thailand, to recognize his career achievement.

**DONNA WALL** is a native Hoosier, growing up in Greencastle, Indiana. She graduated with a BS in Pharmacy from Butler University in 1978. After
graduation, she started her practice in hospital pharmacy and worked as a staff pharmacist for both Wishard Hospital (1978-1982) and St. Vincent Hospital (1982-1994). In 1992, Donna enrolled at Purdue University and obtained her PharmD in December, 1993.

Donna currently works as a Clinical Pharmacist in the Adult Critical Care Unit for Indiana University Hospital where she has been employed for the past 11 years. Her responsibilities include direct interdisciplinary patient care, education of multi-professionals within the hospital system and pharmacy students, and developing patient safe and cost effective programs within the critical care environment. Donna has served the hospital and pharmacy department in various roles including that of the General Practice Pharmacy Residency Director, Interim P&T Secretary, and Drug Information Director. Donna obtained her Board Certification in Pharmacotherapy in 1995. She serves as Adjunct Associate Professor of Clinical Pharmacy at Purdue and Butler University.

Along with her professional employment career path, Donna has also pursued one of public service. Donna is a current member of the Indiana Board of Pharmacy and has recently been appointed to serve a third 4-year term. During her previous terms she has held offices as Vice President and is currently serving her second term as President. During her tenure, the Board has revised all regulations and produced updated and progressive regulations in the areas of institutional pharmacy, USP 797 implementation, and wholesale drug distribution.

She has served the National Association of Board of Pharmacy (NABP) as an executive committee member, Treasurer, President-Elect, President, and Chairperson of the Executive Committee. Donna is the first clinical pharmacist to hold these positions in NABP. During her tenure as President, she promoted and secured the development of a patient safety division within NABP, participated in the development of a multipharmacy coalition on compounding accreditation, and provided education on the unsafe practices of cross border importation of drugs.

Donna is active in IPA, ASHP, APhA, and ACCP where she has served on various committees and task forces. In 2005, she was recognized as a Fellow of the American Society of Health System Pharmacists. Donna received the Glen J. Sperandio Award for Advancement of Pharmacy in 2000, the Wyeth Pharmaceutical’s Bowl of Hygeia Award in 2001, and the 2004 FDA Commissioner’s Special Citation for NABP’s efforts in public safety. She received the inaugural Distinguished Alumni Award from Butler University in 2004, and was recognized as one of the first “50 Under 50” by Butler alumni.
All is always a demanding time of year for anyone in the academic profession, and beginning a new position as dean at a well-respected pharmacy school definitely presents a challenge. But Pete Vanderveen has accepted his appointment as Dean of the School of Pharmacy at the University of Southern California with great anticipation and enthusiasm, all the while finding time to pause for a moment to share his journey through academia with his alma mater.

Pete received a BS in Pharmacy (1974) and a MS in Clinical Pharmacy (1976) from Purdue University. At Purdue, he was awarded the Merck Award for Excellence in Medicinal Chemistry. He proceeded to complete a residency in hospital pharmacy at Bronson Methodist Medical Center in Kalamazoo, MI; then earned a PhD in University Administration from Michigan State University in East Lansing (1987). In 1999, he successfully completed the Board of Pharmaceutical Sciences certification process and became board certified as a psychiatric pharmacist.

Pete joined the faculty of Ferris State University in Kalamazoo as an off-campus Instructor of Clinical Pharmacy in 1976, and was promoted to Assistant Professor of Clinical Pharmacy and Director and Department Chairman for Clinical Pharmacy in 1978. He received tenure as Associate Professor in 1980.

In 1988, Pete moved to Oregon and became Assistant Dean for Pharmacy Practice at Oregon State University, successfully implementing Oregon State University’s first PharmD program. In 1998, he moved to Pittsburgh and was named Dean of the School of Pharmacy, Dean of the Graduate School, and Professor of Pharmacy Practice at Duquesne University.

He believes that the success of any dean really is dependent on the success of the faculty and students. “As a dean and in my other roles as an academic administrator, I have always believed it was my role to serve the faculty and students,” says Vanderveen. The opportunity to work with bright, creative, and dedicated faculty has been very rewarding to him. “I have always been most satisfied and pleased when the faculty and students that I have had the pleasure to serve have been successful, and I think I probably get more excited when my faculty and students receive grants, make new discoveries, or win awards than they do.” He continues that the idealism of students and their energy and enthusiasm for the profession is contagious. “Students are one of the main reasons that I have spent my entire career in higher education. Mentoring them, encouraging them, and occasionally suiting up and playing hoops with them are some of the real joys of the job.”

When asked what he enjoys most about his research, Pete responds that as a practitioner, it has been most rewarding to have played some part in advancing the profession or in discovering a new way to teach a subject. “Thinking back on my first days in practice, things like implementing a pharmacokinetics dosing program using an old Texas Instrument programmable calculator—before personal computers—to improve patient care were very satisfying,” he says. “At Duquesne, we were able to design and implement a novel weekend PharmD program for non-traditional students, allowing a group of students the opportunity to pursue a career that otherwise would not have been possible for them. Those are the things that I really enjoyed.”

As of September 1, 2005, Pete assumed the position of Dean of the School of Pharmacy at the University of Southern California, and he is excited about the unique opportunities the school has to offer. “The program at the USC School of Pharmacy has a rich history of innovation and is highly rated for its professional programs, graduate programs, and research programs,” says Vanderveen. USC was the first school in the nation to offer the PharmD as the entry degree in the 1960s. The School developed
the first pharmacoeconomics program in the United States, has dual degree programs including the PharmD/JD, PharmD/MBA, and PharmD/MPh, and has a unique MS in Regulatory Sciences.

With so many great career paths available to students today, Pete is concerned that some too quickly limit themselves to one path. He suggests that students explore as many of the career options available to them as possible. He recommends that they keep up with their studies, but also, very importantly, get involved in extracurricular activities and professional associations. Not only does he want students to explore the many opportunities, he makes sure the students understand the meaning of being a professional and the important covenant they have with the patients they serve, regardless of the path they choose. “I try to impress on them what I was taught—that is, to treat every patient in a way that they would want their mother or grandmother to be treated,” responds Vanderveen. “I also try to help them recognize the important contributions that they can and should make to their communities, schools, religious organizations, and society as a whole.”

Pete has served as President of the Michigan Society of Health-Systems Pharmacists (MSHP); accreditation site reviewer for the American Council on Pharmaceutical Education (ACPE); and member of the commission on credentialing, ASHP, and the Board of Directors of the American Association of Colleges of Pharmacy (AACP). His practice includes hospital pharmacy, community pharmacy, long-term care pharmacy, managed care pharmacy, and clinical practice in psychiatry. Among his interests are natural products, practice and management, and educational strategies.

He also has been recognized as Pharmacist of the Year by the MSHP, Outstanding Teacher by the Oregon Health Sciences School of Medicine, and as a Fellow by both ASHP and APhA. He received the Board of Director’s Award for both the Michigan and Oregon Societies and has served as a member of the Board of Directors for Mylan Pharmaceuticals, a Fortune 500 company, since 2002. He is a member of Phi Kappa Phi, Rho Chi, and the National Honor Society. He has served on the Dean’s Professional Advisory Council for the Purdue School of Pharmacy and was honored as Distinguished Alumnus by the School in 2002. The School also was pleased to name him the recipient of the Glen J. Sperandio Award for Advancement in Pharmacy Practice in 2004 for his devoted service to pharmacy education and the profession.

Pete currently resides in Pasadena, CA, where he enjoys basketball, running, and weight-training. He also enjoys golf and has participated in the annual BoileRx Golf Classic for the past four years. He has two children, Amy, a senior at Penn State, and John, a sophomore at Purdue.

With such passion and dedication to serve his faculty and students in achieving success, it’s no wonder that Pete learned from some of the best. “There have been many individuals who have positively influenced my career. Drs. George Spratto and John Cas-sady were very influential figures as my professors at Purdue and remain friends today, and the number of colleagues and practitio-ners who have helped me would fill a book,” he says. “Pharmacy is a small family, and the friendships that you build over a career are very important.”

Reminiscing about fond memories of his days at Purdue, he mentioned a time when he was an undergraduate research assistant working in Dr. Jerry McLaughlin’s lab. “I had the misfortune of having a radio playing too loudly one day as I was working,” Vanderveen recalls. “I couldn’t hear it very well for all the noise of the freeze dryer and other research equipment operating in the lab, but the music apparently was quite audible down the stairwell to the first floor where then Dean Tyler was walking through. He appeared in the lab and told me to turn the music down. Unfortunately, I couldn’t understand what he was saying because of the noise in the lab, so I responded, ‘I can’t hear you, let me turn the radio down.’ You can imagine the rest.”
Teresa Carvajal, Assistant Professor of Industrial and Physical Pharmacy, was invited to the International Program for Collaboration, a teaching and student exchange with Strasbourg, France. She was invited to give talks to the Pharmacy School in Lisbon, Portugal, as well.

Mark Cushman, Professor of Medicinal Chemistry, was appointed to the Editorial Advisory Board of the Journal of Medicinal Chemistry.

Sharon Erdman, Clinical Associate Professor in Pharmacy Practice, was awarded Teacher of the Year—Second Year Basic Science, Class of 2007, at the Loyola Stritch School of Medicine. She also has been appointed Chair, Membership Committee Society of Infectious Diseases Pharmacists.

Richard Gibbs, Professor of Medicinal Chemistry and Molecular Pharmacology, was elected Vice Chair of the Division of Medicinal Chemistry of the American Chemical Society in 2005, and will serve as Chair of the Division in 2006.

Arun Ghosh, Professor of Medicinal Chemistry and Molecular Pharmacology, was elected a Fellow of the American Association for the Advancement of Science (AAAS).

On October 4, 2005, Stan Hem, Professor of Physical Pharmacy, was one of nine faculty inducted into the Teaching Academy at Purdue. Provost Sally Mason presented the certificates, and the keynote address was given by President Martin Jischke. Inductees are chosen for their demonstration of excellence in teaching and their ability to identify and solve a problem within education.

Michael Kays, Associate Professor of Pharmacy Practice, was the recipient of the 2005 Henry W. Heine Memorial Award for Excellence in Undergraduate Teaching.

Cindi Koh-Knox, Clinical Assistant Professor of Pharmacy Practice, attended the AACP Professional Affairs Committee during November 3-4, 2005, and the CPD Task Force on September 28, 2005. She also attended ACPE’s 11th Conference on Continuing Pharmacy Education during September 29-October 2, 2005, and is a faculty advisor for the Purdue NCPA Student Chapter founded in October, 2005.

Carol Ott, Assistant Professor of Pharmacy Practice, was appointed to the Mental Health Quality Advisory Committee to the Drug Utilization Board for Medicaid—Indiana. As a Task Force Member, she also attended the ACCP meeting on Research in Special Populations.

Stan Shaw was recently named the 2006 Distinguished Alumnus at South Dakota State University for his dedication to serving and advancing the profession of pharmacy. He received his BS (1957) and MS (1959) from SDSU. Stan retired as Professor of Nuclear Pharmacy at Purdue in 2005 (see page 29).

Jim Tisdale, Professor of Pharmacy Practice, delivered an invited presentation entitled, “Getting Pharmacists Involved on Cardiac Arrest Teams” at the Annual Meeting of the American College of Clinical Pharmacy in San Francisco, October 25, 2005. He also presented the following research at the Annual Meeting of the American College of Clinical Pharmacy in San Francisco, October 26, 2005: “Uncorrected vs. Corrected QT Interval for Prediction of Drug-Induced Torsades de Pointes”. He delivered two invited presentations, including the keynote address, “Drug-Induced Diseases: Prevent, Identify, & Manage,” and “The Significance of Drug-Induced Diseases to the U.S. Health Care System” at the “Fall Classic” education program of the College of Pharmacy, Nova Southeastern University, Fort Lauderdale, FL, on November 13, 2005.

Val Watts, Associate Professor of Medicinal Chemistry and Molecular Pharmacology, was honored at the 21st annual Tony and Mary Hulman Health Achievement Awards program in Indianapolis. The Hulman Awards recognize Hoosiers whose efforts have resulted in significant improvement to human life. Dr. Watts received the award for Excellence in Health Science Research based on his accomplishments in field of molecular psychopharmacology.

The Purdue Alumni Association recently presented Faculty development Incentive Grants to 16 professors to provide start-up funds for initiation of research or professional development projects. The grants, up to $1,000 each, are awarded in collaboration with the Office of the Provost. Recipients include: Kimberly Plake, Assistant Professor of Pharmacy Practice; Chris Rochet, Assistant Professor of Medicinal Chemistry and Molecular Pharmacology; Lynne Taylor, Assistant Professor of Industrial and Physical Pharmacy.

David R. Ely
BS Physics, 2002, Houghton College
Doctoral Student, Industrial and Physical Pharmacy
Hometown: Birdsboro, PA
Major Professor: Dr. Teresa Carvajal
Research Interests: Dry powder blending and segregation, powder flow, tribology, blend monitoring techniques

“I have really enjoyed the opportunity to research powder blending because of its scientific richness as well as its practical importance to many industries. In addition, I have had a wonderful opportunity to travel and to interact with people from all over the world. Finally, I have had a wonderful advisor who has gone far beyond what I could have ever expected in her support of me.”

Marietta Harrison, Professor of Medicinal Chemistry and Molecular Pharmacology, was appointed Interim Director of the Oncological Sciences Center in Discovery Park at Purdue.
publications

Teresa Carvalhal
Assistant Professor of Industrial and Physical Pharmacy


Judy Chen
Assistant Professor of Pharmacy Practice


Mark Cushman
Professor of Medicinal Chemistry


Michael Kays
Associate Professor of Pharmacy Practice


Cindi Koh-Knox
Clinical Assistant Professor of Pharmacy Practice

D. James Morré
Dow Distinguished Professor of Medicinal Chemistry


Matthew Murawski
Associate Professor of Pharmacy Administration

Recent Publications

Eric L. Barker, Assoc. Prof., MCMP, IALTCP 2006 President
Max E. Barnhart, II [BS 1987], Alliance District 6 2006-07 Representative
Kimberli H. Burgner [BS 1979, MS 1981, PharmD 2003], ISHP 2005-06 Member at Large
John A. Cowan [BS 1987], 2005 Wyeth Ayerst Bowl of Hygeia
Vyto J. Damasius [PharmD candidate], Outstanding Student of the Year
Christine Farnham [BS 1988], Joseph E. McSoyre Pharmacist of the Year
Thomas C. Fite [BS 1990], 2006 President-Elect
Nathan W. Gabhart [BS 1998], Alliance District 8 2006-07 Representative
Donna M. Galerman [BS 1955], 50-Year Pharmacist
Derek R. Green [PharmD 2001], IALTCP 2006-07 Member at Large
Scott B. Hufford [PharmD 2002], ISHP 2005-06 Member at Large
Katrina A. Kalk [BS 1999, PharmD 2001], IALTCP 2005-06 Member at Large
Jack A. Klee [BS 1962], Alliance District 1 2006-07 Representative
William X. Malloy [BS 1976], Novartis Leadership Award
Donald L. Moore [BS 1953], 50-Year Pharmacist
Staci Norman [BS 1994 ], Past President, IALTCP
Brian N. Peters [PharmD 1997], ISHP 2005-06 Member at Large
James H. Seibert [BS 1972], Glen Sperandio Health-System Pharmacist of the Year
Suelyn A. Sorensen [PharmD 1997], Alliance District 7 2005-06 Representative
Jeremy G. Thain [BS 1986], Alliance District 3 2005-06 Representative
Edward J. Walker [BS 1993], Elan Biopharmaceuticals Innovative Pharmacy Practice Award
Pamela A. Welton [BS 1980, PharmD 1990], IALTCP 2005-06 Member at Large
Michael A. Whitfield [BS 1971], IALTCP 2005-06 Member at Large

The Indiana Pharmacists Alliance (IPA) held its annual Awards Luncheon on October 29, 2005, at the French Lick Springs Resort in French Lick, IN. Several Purdue School of Pharmacy faculty and alumni were recognized at the luncheon. Please help us congratulate the following individuals on their recent accomplishments and appointments.

INDIANA ACADEMY OF COMMUNITY PHARMACISTS (IACP)
INDIANA ACADEMY OF LONG-TERM CARE PHARMACISTS (IALTCP)
INDIANA SOCIETY OF HEALTH-SYSTEM PHARMACISTS (ISHP)
INDIANA ACADEMY OF PHARMACY TECHNICIANS (IAPT)
PROFESSOR DANE O. KILDSIG received his BS in Pharmacy in 1957 and his PhD in Physical Pharmacy in 1965 from the University of Wisconsin. He worked as a pharmacist for The Prescription Pharmacy in Madison, WI, and was a graduate teaching and research assistant while working on his doctorate. After completing graduate school, Dane was employed by Wyeth Laboratories in Radnor, PA, as a research scientist prior to accepting a position as Assistant Professor with the Department of Industrial and Physical Pharmacy (IPPH) at Purdue in 1966. In 1970, he was promoted to Associate Professor, and later to full Professor of Pharmaceutics in 1975. He was appointed Associate Head in 1978 and then Head of IPPH in 1985, serving in that capacity until 1994.

Dane has been recognized as an APhA Fellow of the Academy of Pharmaceutical Sciences (1975), and a Fellow of the American Association of Pharmaceutical Scientists (1986).

His industrial interactions include presenting pharmaceutics scientific and training seminars at numerous pharmaceutical companies over the last 30 years. The seminars have focused on helping management and supervisory personnel—as well as production workers—develop an understanding of the total scope of drug product development and the manufacturing process.

He has published 70 articles and has had 6 publications through the National Research Center in Cairo, Egypt. Since beginning his academic career at Purdue, he has directed doctoral theses as the major or co-major professor for 37 graduate students.

Dane comments that he has been fortunate to have been associated with some "super" graduate students. "The relationship with a graduate student is special," he says. "You become very close to them, sort of a 'second father' relationship. I have felt that it was my responsibility to foster both their scientific and personal growth, and it has been very rewarding for me to see the success they have achieved in life following their graduation from Purdue."

Dane’s research focuses on the surface chemistry of solids as applied to pharmaceutical systems. Solubility phenomena is an area of particular importance. Increasing the water solubility of insoluble or slightly soluble compounds is always a major concern of pharmaceutical researchers. The aqueous solubility of a drug is often the limiting factor in developing the most desirable dosage form, and his lab is focusing on hydrotrropic solubilization, which refers to an increase in the water solubility of a compound through the addition of large amounts of a second solute, as a means of increasing the solubility of selected compounds.

Other areas of research focus on the unit operations of solid agglomeration and dry blending with particular emphasis on the particle interactions involved. Fundamental studies on solid agglomeration through wet granulation have shown that binder surface tension and particle morphology have a significant effect on resulting granule strength. He believes research in this area will lead to better methods of achieving predictable control of the agglomeration process. “Our dry blending research is currently a collaborative project with School of Engineering faculty and is focused on the effect of particle chargeability on blend homogeneity,” says Kildsig. “Our research in both solid agglomeration and dry blending have been within the department’s Center for Pharmaceutical Processing Research (CPPR)."
The Dane O. Kildsig Center for Pharmaceutical Processing Research

The CPPR, founded in 1995 by Dane, is one of over 40 such Centers established by the National Science Foundation (NSF), and the only one devoted to pharmaceutical processing research. The CPPR comprises four Universities: Purdue University, the University of Connecticut, the University of Puerto Rico, and most recently, the University of Minnesota.

“I started CPPR because I could see significant benefit for graduate students, faculty, the School, and the University as a whole through participation in that NSF program,” says Kildsig, “and I have been extremely pleased with the results.” In addition to the four universities, there are currently 25 pharmaceutical companies and the Food and Drug Administration as partners. The participation of the FDA clearly shows the importance of the CPPR at the national level.

The CPPR is funded in part by NSF under the Industry/University Cooperative Research Centers (I/UCRC) program, which encourages cooperative research between academia and industry. The mission of the CPPR is “to foster an interdisciplinary approach to pharmaceutical processing-related research, to catalyze interaction between industrial and academic scientists, and to make the application of a basic science approach to formulation and manufacture of drug products an integral part of graduate pharmaceutical education.”

Dane currently serves as Associate Director of the CPPR. In May, 2005, NSF officially renamed the Center the Dane O. Kildsig Center for Pharmaceutical Processing Research in his honor. At the CPPR Industrial Advisory Board meeting at the University of Connecticut. Another presentation was made at the CPPR board meeting held at Purdue in October.

Steve Nail, the first director for the CPPR, says that Dane provided the energy that was instrumental in obtaining a critical mass of industrial support for the Center. “Dane was tireless in taking full advantage of his contacts in the pharmaceutical industry, selling the idea of the Center, and asking for their support,” says Nail, Research Fellow at Lilly Research Laboratories and Chairman of the Industrial Advisory Board. “I remember one afternoon very early in the planning process when Dane and I were discussing the planning process and thinking out loud, wondering whether we could pull this effort off. As we wound up the discussion, I remember Dane slapping the table with his hand and saying, ‘This is a winner. We gotta do it.’ Indeed, it has been a winner, thanks in no small measure to Dane.”

Forty years will no doubt conjure many fond memories from his tenure at Purdue, and Dane comments that to pick one that stands above the others is difficult. ‘The opportunity to be associated with the many students, both undergraduate and graduate, and my colleagues on the faculty has made my time at Purdue an extremely enjoyable experience.’

On a personal note, Dane adds that he has been blessed with a wonderful family whose support at this time is extremely important to him. In the summer of 2004, he was diagnosed with a non-curable form of leukemia. “Every day brings about a new battle with this disease,” he says. “The support of my wife, Nancy, over the past 48 years and especially now, is an essential and positive part of my life. I speak with each of our two sons at least twice a day. We rely upon our strong faith in God during these difficult times.”

The Dane Kildsig Graduate Scholarship
IN INDUSTRIAL AND PHYSICAL PHARMACY

Dane Kildsig is an icon in the field of industrial pharmacy and at the School of Pharmacy and Pharmaceutical Sciences. His knowledge and dedication have touched the lives of several generations of Purdue Pharmacy students and PhD students. In recognition of his dedication and leadership in the field of industrial pharmacy, a group of his students is spearheading an effort to honor Dane by establishing The Dane Kildsig Graduate Scholarship in Industrial and Physical Pharmacy to support one or more annual scholarships for graduate students in the Department based on academic merit.

The School has been successful in our lead gift solicitation, and has received pledges totaling over $475,000 from several of Dane’s former students. It will take a total of $500,000 by June 30, 2006, to endow this graduate scholarship fund. We are also pleased to announce a gift by Bill Bindley (BS 1962, Management), who has provided matching gift funds to establish an additional graduate scholarship in IPPH once the $500,000 goal is reached. This would mean IPPH would benefit by a total of $1 million, and a second graduate scholarship would be established due to our efforts.

“The establishment of a graduate scholarship in my honor was a very pleasant surprise,” says Kildsig. “This scholarship will provide funding to attract outstanding students into the IPPH graduate program. IPPH is the number one department in the world focusing on industrial pharmacy and the manufacturing of pharmaceutical products. To be associated with the department now, and in the future, through this scholarship is a very humbling experience that I am very thankful for.”

For more information about how you can contribute to this endowment, please contact Chris Smith, Director of Development, at (765) 494-0501 or jcsmith@purdue.edu. Thank you for your generosity in honoring Dane’s numerous contributions to IPPH and the School of Pharmacy and Pharmaceutical Sciences at Purdue University and the entire pharmaceutical industry.
Regional Faculty Coordinators Making a Difference

THE REGIONAL FACULTY COORDINATORS (RFCs) play a crucial role in the overall success of the Office of Experiential Learning at the School of Pharmacy. In total, there are 13 RFCs who are responsible for overseeing a specific geographic region of the state. More specifically, each RFC is available as a resource person for students and preceptors in the area. They answer questions from the students, visit clerkship sites and preceptors as needed, keep the Experiential Learning directors updated on new preceptors and rotations in their area, and also serve as members of the Experiential Learning Advisory Council (ELAC). The ELAC meets every few months to discuss a variety of topics and concerns related to clerkship. It is the RFCs, along with the clerkship directors, who are responsible for revising, augmenting, clarifying, and implementing polices for the betterment of the clerkship program.

All of the RFCs are full time or co-funded faculty members within the School of Pharmacy save for three: Marjie Biel, Jane DeJong, and Heather Sell. These three RFCs are located in Northwest Indiana, South Bend, and Chicago respectively, and in addition to their full time pharmacy positions, they have graciously volunteered to serve as RFCs and advisory council members for Purdue. "This is especially important to the School because there are a large number of students who wish to be placed in those geographic areas every year," says Brian Shepler, Director of Experiential Learning. "Without Marjie, Jane, and Heather helping the School with the identification of new sites and coordination of student meetings and journal clubs in these areas, these placements could not happen." The Experiential Learning Program, the School, and most importantly the students are extremely honored and fortunate to have these outstanding individuals assist Purdue in this endeavor. Their consistent contributions are greatly appreciated.

Marjie Biel

Marjie received her PharmD from Purdue University in 2002. She is the Pharmacy Manager for Fagen Pharmacy in Hobart, IN.

"Having recently graduated from pharmacy school, I understand the needs PharmD students have while on rotations away from West Lafayette faculty and colleagues. I am honored to assist the students in my area with rotation concerns and encompass their learning with monthly journal clubs. Ultimately, it’s my goal to maintain the students’ Purdue connection while away from campus."

Jane DeLong

Jane graduated from Ferris State University in Big Rapids, MI, in 1990 with a BS in Pharmacy. She currently works part-time relief for Meijer, Inc., in South Bend, IN. She also administers and edits the “Ask the Pharmacist” website for Meijer, Inc.

“I decided to help Purdue as a Regional Faculty Coordinator because it is a great opportunity to help shape the future of Pharmacy by ensuring that the students get the best educational experience possible.”

Heather Sell

Heather received her BS in Pharmacy (1997) and PharmD (1998) from Purdue University. She completed a Pharmacy Practice Residency in 1999 at Rush Presbyterian St. Luke’s Medical Center in Chicago, IL. She went on to complete a specialized residency in Drug Policy and Medication Use System Management (co-sponsored by McKesson Medication Management) at the University of Wisconsin Hospitals and Clinics in Madison, WI, in 2000. She became board certified in Pharmacotherapy in 2002.

Heather is currently the Director of Clinical Consulting Broadlane, a group purchasing organization based in Dallas, TX. Her responsibilities include facilitation of clinical pharmacy initiatives for a 70 hospital system. Initiatives vary from maximizing contract pricing to implementing appropriate use guidelines for medications. She is also responsible for monitoring the medication pipeline.

“When I was asked to be a Regional Faculty Coordinator for Purdue, I was in the process of changing positions from Clinical Coordinator in an inner city community teaching hospital to a clinical consultant for a group purchasing organization. The part of my job that I knew that I would miss the most was teaching students and residents. Becoming a Regional Faculty Coordinator for Purdue allowed me to continue to be involved with students, the University, as well as other preceptors throughout the city—all of which are very exciting! I feel that the clerkship year is critical for exposing students to ‘the real world’. After completing the majority of my clerkship rotations for Purdue and two years of residency training at major academic medical centers, I was shocked at the differences in resources and expectations between academic medical centers and community hospitals. Luckily, my training had provided me with the skills needed to be a change agent within my organization. I have two primary goals for students in their clerkship year. The first is to expose them to as much as possible so their expectations of pharmacy practice are realistic when they walk into their first job or residency after graduation. My second goal for students is to provide them with the leadership and social skills necessary to be change agents in their own practices.”
remembering

Cynthia Anne Smith

The Division of Nuclear Pharmacy is saddened to learn that Cynthia Anne Smith passed away at a local hospital in Lafayette on November 20, 2005. Her mother and brother were at her side.

Anne will be remembered as a pioneer in the practice of nuclear pharmacy. She received a MS degree in Radiopharmacy from the University of Southern California in September, 1973. Her residency in the MS program was at the University of New Mexico College of Pharmacy. After a short stay in retail, she returned to the College of Pharmacy in Albuquerque in January, 1974, to assume the responsibility of Chief Radiopharmacist, Instructor in Pharmacy until January, 1976. Anne was involved in the instruction of several students that were instrumental in the development of commercial centralized nuclear pharmacies.

In August, 1976, Anne joined Pharmatopes, Inc., as the Director of Nuclear Pharmacy Services in Oak Park, MI. She became the Pharmacy Manager in 1981. Soon after, Pharmatopes merged with several related companies and became Syncor International. Anne worked as a manager and senior staff pharmacist for Syncor until she joined the faculty in the Division of Nuclear Pharmacy at Purdue University in 1989 as the Nuclear Pharmacy Program Certificate Director.

Throughout her career, Anne was an instructor as well as a practitioner. She developed protocols and training programs for pharmacists, nuclear medicine technologists, and nuclear medicine physicians that received instruction by personnel in centralized nuclear pharmacies. She managed a large operation for Syncor in Ferndale, MI, that at peak dispensed 650-700 doses of radiopharmaceuticals per day.

Anne contributed significantly to the development of educational programs in nuclear pharmacy in the School of Pharmacy at Purdue. She brought a wealth of practical experience to the program, adding several practice laboratories and lectures to classes for undergraduate pharmacy students and pharmacists participating in the Nuclear Pharmacy Certificate Program.

A large number of nuclear pharmacy practitioners today were touched by the teaching skills and dedication of Anne Smith. Though she is no longer with us, her contributions will continue on for many years to come through pharmacists working in the specialty of nuclear pharmacy.

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Society of Nuclear Pharmacy Fundraiser

The Purdue Student Chapter of the Society of Nuclear Pharmacy (SNP) was established in 1993 and extends membership to students who are enrolled in prepharmacy or pharmacy curricula with an interest in nuclear pharmacy. The organization’s objectives are to give the students a better opportunity to learn about the profession through contact with their peers and invited speakers and through participation in Society functions. The Society also serves to improve communications between the students and the companies and individuals involved in nuclear pharmacy practice. SNP is currently holding a fundraiser to collect money for their organization. Profit from these sales will aid with the operating costs of the club, as well as helping to financially sponsor students by diverting some of the costs for the SNP students who will attend this year’s APhA trip in San Francisco. The following items are available for purchase, and we thank you for your support!

- **Heavy plastic license plate covers**
  - Black with “Purdue University School of Pharmacy” in gold letters
  - $5 each

- **Nylon bags in briefcase style**
  - Black with “Purdue University School of Pharmacy” text and logo
  - $25 each

- **Nylon bags in fold-over style**
  - Black with “Purdue University School of Pharmacy” text and logo
  - $25 each

- **Polo Shirts**
  - Black with “Purdue University School of Pharmacy” text and logo on the upper breast pocket area
  - Available in white, black, and gold
  - Sizes S-XL $30, Sizes 2XL-3XL $33

- **White lab coats**
  - Black with “Purdue University School of Pharmacy” text and logo
  - Available by special order only; email for details

Shipping and handling is $5. If anyone has questions or would like to place an order, please contact the Society of Nuclear Pharmacy at:

**Kira Larimore**
SNP Fundraiser Co-Chair
klarimor@purdue.edu

**Kara Duncan-Weatherman**
SNP Faculty Advisor
kdwman@pharmacy.purdue.edu
(765) 496-1815

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the PURDUE pharmacist ● WINTER 2006 13
On Friday, October 28, 2005, Dr. Gloria Niemeyer Francke received the Purdue University School of Pharmacy and Pharmaceutical Sciences’ first-ever Career Achievement Award. This award is the pinnacle award bestowed upon alumni of the School of Pharmacy who have distinguished themselves through a lifetime of exemplary service in the field of pharmacy and service to Purdue. Nominations for the award are solicited from faculty, staff, and alumni of the School, and the Dean, in consultation with the Executive Committee, selects the recipients. Gloria is most deserving of this inaugural award, and the School of Pharmacy is proud to bestow her this highest honor.
Gloria was born in Dillsboro, IN, on April 28, 1922. She earned a BS in Pharmacy in 1942 from Purdue University and a PharmD in 1971 from the University of Cincinnati.

Following service as a community pharmacist in Dillsboro from 1943-1944, and as Assistant to the Chief Pharmacist at the University of Michigan Hospital in Ann Arbor from 1944-1946, Gloria became Assistant Director of the American Pharmaceutical Association* (APhA) Division of Hospital Pharmacy (1946-1956). She also accepted a position with the American Society of Hospital Pharmacists** (ASHP) in 1949 and subsequently held various appointments through 1964 including ASHP Executive Secretary, Research Associate for the Audit of Pharmaceutical Service in Hospitals, and Acting Director of APhA’s Department of Communications.

Gloria then served as Drug Literature Specialist at the National Library of Medicine in Bethesda, MD. She was later employed at the Veterans Administration Hospital in Cincinnati, OH, returning to Washington in 1971 as Chief of Program Evaluation in the Alcohol and Drug Dependence Service in the VA’s central office.

Gloria rejoined the APhA staff in 1975. During her tenure, she served as Staff Liaison for the Task Force on Women in Pharmacy and as Chairperson of the Advisory Group to the Office of Women’s Affairs. She currently serves as a member of APhA’s Foundation Advisory Committee. She was elected Honorary President in 1986, and her many years of service to the profession of pharmacy were recognized in 1987 when she was awarded the Joseph P. Remington Medal, the highest award bestowed upon a pharmacist. She was the first woman to receive this prestigious recognition since its establishment in 1918. During her acceptance speech, Gloria said that to receive the Remington Medal was beyond her greatest expectations and that the occasion deepened her feeling about the profession she loves.

She went on to address the “burden of leadership” or “the danger of scattering our forces.” “At times, I hear that the burden of leadership prevents most of us from taking responsibility for the destiny of Pharmacy,” says Francke. “We dare not hold back and merely ‘hope for the best for tomorrow.’ We must position ourselves
to control the future of our profession, not only looking at the issues which benefit us today, but those that endure and will affect pharmacy practice tomorrow.”

Gloria certainly didn’t hold back throughout her career, and APhA established the Gloria Niemeyer Francke Leadership Mentor Award in 1993 to recognize an individual who has promoted and encouraged pharmacists to attain leadership positions within pharmacy through example as a role model and mentor.

Winnie Landis (BS 1981), President-Elect of APhA, says Gloria has been an inspiration and a role model to everyone in pharmacy, but especially for women. “For Gloria to achieve what she has when so few women were in pharmacy is amazing and a testament to her dedication to the profession,” says Landis. “She has always been there for support and has always encouraged women to get involved in leadership roles. Pharmacy has been blessed to have someone as special as Gloria.”

Gloria has been associated with a number of other professional associations including the American Institute of History of Pharmacy, American Association for the Advancement of Sciences (former Fellow), International Pharmaceutical Federation, The New York Academy of Sciences, and Rho Chi. Gloria is also a member of
Kappa Epsilon, a national pharmaceutical fraternity for women. She has served as Associate Editor for *The Bond*, the fraternity’s official publication, and was the 1991 recipient of the Kappa Epsilon Career Achievement Award.

Gloria has received commendations from the Veterans Administration and the Office for Drug Abuse Prevention in recognition of her many contributions to drug treatment programs. In 1953, she received the Harvey A.K. Whitney Award of the ASHP. She was listed as “Who’s Who of American Women” (1956) and was honored by the Texas Society of Hospital Pharmacists (1960). The FIP Foundation for Education and Research presented her with the FIP Lifetime Achievement in the Practice of Pharmacy Award in 1996.

In 1985, she received a Distinguished Alumnae Award from Purdue University’s School of Pharmacy, and in 1988 was awarded with an honorary doctorate degree from Purdue. She has been an invited speaker at the Old Masters program (1979) and the Pharmacy Dean’s Executive Forum (2004) at Purdue, as well.

“Gloria Francke is the most recognized role model for women in the professional practice of pharmacy in the United States,” says Charles Rutledge, former Dean of the School of Pharmacy and current Vice President for Research at Purdue. “Her leadership has encouraged countless of young women to add great value to the profession for over six decades. Throughout this period she has maintained her loyalty and enthusiastic support of Purdue and especially to Purdue’s professional pharmacy programs.”

Steve Abel (BS 1976, PharmD 1978), Professor and Head of the Department of Pharmacy Practice at Purdue agrees. “Dr. Francke deserves the designation of ‘first lady of pharmacy.’ She has distinguished herself personally as a lady of grace and charm, and professionally as an accomplished pharmacy pioneer who will serve as a role model for all pharmacists, for generations to come.” Abel adds, “Based upon her consistently significant contributions to the practice of pharmacy throughout her professional lifetime, it is only fitting that she be named the first recipient of the School of Pharmacy’s Career Achievement Award.”

Her hope for current and future students in pharmacy today is much the same as it was when she accepted the Remington Medal. “We must have the ability to generate leaders, many leaders, who have a genuine commitment to the profession of pharmacy and to the men and women pharmacists who practice, who teach, who manage, who manufacture, who write and edit, and who do research,” says Francke. “I am not thinking much about ‘power and politics;’ rather, I am thinking about bringing about a common view that transcends our area of practice. There is only one thread which ties us all together—we are pharmacists.”

As someone who knows Gloria well, Pat Belcastro (MS 1951, PhD 1953), Professor Emeritus of Pharmaceutics at Purdue, speaks highly of her. “Dr. Francke was truly a dedicated pioneer whose efforts and those of others led to the rapid growth of the American Society of Hospital Pharmacists** during its early formative days,” says Belcastro. “In later years, her personality, leadership, perseverance, and administrative skills helped to propel the Society to its present international reputation as a strong, professional
Gloria’s international interest in pharmacy extend back to 1953 when she attended her first Congress of the International Pharmaceutical Federation in Paris. She comments that her contact extended internationally as she participated in congresses “almost annually—from Sydney to Helsinki to Tokyo to Barcelona . . . around the world.”

“Dr. Gloria Francke has been a mentor to many in pharmacy, both at the national and the international level,” comments Joseph Oddis, former Executive Vice President of the ASHP. “In particular, her leadership role has been an inspiration for women in pharmacy. She is a colleague, a friend, and a gracious lady.”

Gloria’s journalistic achievements include service as Assistant Editor of the Journal of the American Pharmaceutical Association (1946-1947); Associate Editor of the American Journal of Hospital Pharmacy (1944-1964); Co-Author of Mirror to Hospital Pharmacy (1964); and Co-Author of Perspectives in Clinical Pharmacy (1972). She is also the former owner and operator of Drug Intelligence Publications.

A member of New York Avenue Presbyterian Church in Washington, DC, Gloria is an Elder and a Deaconess. She was active in the Civil Rights movement in the sixties and participated in the Marches in Washington and Selma, AL. At the Inglewood Presbyterian Retirement Community where she now resides, Gloria has been a member of the Board of Directors and Co-President of the Women’s Board.

Gloria owes a debt of gratitude to a host of mentors who have contributed immeasurably to making her life’s work full and satisfying. Among professors at Purdue who have had great influence on her profession include Drs. Charles Lee, Donald Brodie, George DeKay, Glenn Jenkins, Glen Sperandio, and Robert Chalmers. Gloria’s late husband, Donald E. Francke, was also highly respected in the profession, and the two were influential in one another’s careers. Like Gloria, he was a recipient of the Remington Medal and Harvey A.K. Whitney Award, and the Purdue School of Pharmacy awarded him an honorary doctorate in 1951. Don was a past president of both the APhA and the ASHP, and was the Editor of the American Journal of Hospital Pharmacy for over 22 years. Gloria extends much thanks to her families, both the Niemeyers and Franckes, who have supported and sustained her seeming “craze” for pharmacy throughout the years.

* American Pharmaceutical Association is known today as the American Pharmacists Association

**American Society of Hospital Pharmacists is known today as the American Society of Health-System Pharmacists
AFTER HURRICANE KATRINA hit the Gulf Coast in late August, volunteers rallied to help rebuild the towns devastated by this natural disaster. Chuck Higgins (BS 1989), a Walgreens employee for the past 20 years, and was chosen to travel to Mississippi as a volunteer to staff some of the 100 plus pharmacy stores affected by the hurricane. He and his pharmacy technician, Melissa Iem, were assigned to stores in both Long Beach and Gulfport.

Most of the local Walgreens employees either sustained major damage to or lost their homes. Since they had to begin putting their lives and homes back together, the company staffed each store with extra pharmacists and pharmacy technicians, many of whom were volunteers. The prescription volume in these stores had increased 75 to 100% from their pre-Katrina volume due to the destruction and/or flood damage sustained by the pharmacies located within ½ mile from the beach. All pharmacies on the outskirts of these areas were therefore extremely busy.

‘Due to the increased staffing of extra pharmacists, I was able to interact with the patients by working the out-window and counseling,’ says Chuck. ‘We dispensed a lot of anti-antidepressants and anxiety medications. Many of the people couldn’t sleep due to the nightmares, so sleep aids were also dispensed.’

Since there were no hotels open for the public, the company provided the employees with RV campers. The RVs were located directly in the parking lots.

‘My home RV was located at the Long Beach store,’ says Chuck. ‘This store opened just two days before Katrina hit, yet it was spared from the destruction.’

‘Across the street from the RV camper was an area of total destruction sectioned off for miles with a razor wire,’ Chuck continues. ‘The police and military had check points set up to prevent looters and keep out the public. At night, Melissa and I would visit the checkpoints and listen to the tragic stories of what people had to endure while the hurricane sat on the coast.’

Although listening to the patient’s stories during the week was extremely emotional, Chuck was glad to have the opportunity to help people with no money and no medication during this time of desperate need. ‘While Walgreens provided the manpower and aid from all over the country, I provided the clinical skills to help prescribe medication or give refills,’ he says. ‘Many of the physicians from the area were displaced and could not be reached. The patients would come to my counter with this hopeless look and leave with medication in hand—smiling. This is what made it all worth while.’

All in all, Chuck says he found this experience to be very rewarding—both as a pharmacist and as a person.

**HURRICANE KATRINA RELIEF VOLUNTEER**

*How One Alum is Making a Difference*

Chen Mao

MS, 2001, Biological Engineering, University of Georgia
BS 1997, Nanjing University of Chemical Technology, China
Doctoral Student, Industrial and Physical Pharmacy

**Anticipated Graduation Date:** May 2006

**Hometown:** Nanjing, China

**Major Professor:** Dr. Stephen Byrn

**Thesis Title:** “Structural relaxation of amorphous pharmaceutical solids and its impact on their physicochemical properties” (tentative)

**Research Interests:** Pharmaceutical material science, preformulation, new analytical techniques

**Honors & Awards:** The Dr. C. Wayne and Helen C. McKeehan Graduate Fellowship

**Post-graduation plans:** to begin in industry

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**SECONDS**

*With a Graduate Student*

Chen Mao

“*The exposure to the pharmaceutical industry brought forth by the School broadens my perspectives in drug development, helping tune my research interests to fit industrial applications.*"
4th Year PharmD Student Sustains Brain Injury

The average traumatic brain injury patient takes two years to fully recover—that is to say, to become as fully recovered as possible after sustaining such injuries. It is estimated it will cost $2,000-2,500 per day for up to 8 weeks for her rehabilitation alone.

Mark and Anna Firnhaber have set up a trust account for their daughter through the Horizon Bank in Michigan City. If you would like to make a donation to help defray the mounting expenses, please send checks made payable to Amanda Firnhaber with the words “medical account” in the memo section to Horizon Bank, 515 Franklin St., Michigan City, IN 46360, or wire your donation by having your bank call (269) 469-2265. You may also go online at www.paypal.com and make a contribution to markanna@comcast.net. Please note that these contributions are in no way associated with Purdue University.

To follow Mandy’s progress, you may log on to www.carepages.com and enter “MandyFirnhaber” to view her page. The family extends their most heartfelt gratitude to the School of Pharmacy community for its support, both spiritually and financially. They ask for your prayers as Mandy continues to fight for the life she once knew.

Pharmacy Wish List

The School of Pharmacy has compiled a “wish list” of funds which would enhance the education of our students and aid in the needs of our departments, and new funding opportunities will be added to the list throughout the year. If you would like to provide resources for any of the items on the list, or if you have other ideas of how you would like to contribute, please contact Chris Smith, Director of Development, at (765) 494-0501 or jcsmith@purdue.edu. Every gift counts, and we thank each and every one of you for your support of the School.

Student Summer Internships, $4,000 each
The Department of Pharmacy Practice has many students who have completed their first or second professional years of training who express interest in summer internship experiences, but few dollars are available to fund them. The department would like to provide funding in the form of stipends for these interested students. Possible internship opportunities range in a variety of practice settings including community pharmacy and ambulatory care practice (including disease-state specific, such as diabetes), psychiatry, pediatrics, hospital, and administration. Smaller donations can be combined to fund one position.

PCs for Clerkship Sites, $1,500-$2,000 each
The Department of Pharmacy Practice is seeking additional computers for use in its clerkship sites, such as Indianapolis. With increasing frequency, the high-volume clerkship sites are asking for computer support for the students.

Dear Pharmacy Alumni and Friends,
The School of Pharmacy continues to be rated in the top five Pharmacy Schools in the nation, but I would suspect that most would agree we are really Number 1.

This past year has been exciting with alumni receptions in Nashville, TN, and Las Vegas, NV, receptions throughout the state of Indiana to thank our preceptors for the wonderful work they do, the Homecoming Tailgate, the BoileRx Golf Outing, our Preceptor and Family Day reception prior to the Akron football game, the Distinguished Alumni Awards Program, the Tyler Lecture Series, and the dedication of the Chao Center just to name a few events. 2006 should be another great year for the School as we continue to strive for excellence.

I encourage each of you to get involved with your alumni board, become a preceptor, or join us for homecoming and the BoileRx Golf Outing. You will find you will have a chance to get back in touch with many of your friends while enjoying being back on campus.

On a personal note, I’d like to take a moment to let each of you know how much I’ve enjoyed serving as your Director of Alumni Relations at the School of Pharmacy for the past 15 years. On April 28, 2005, I will retire from Purdue University after 40 years of service. My wife, Mary-Ann, will also be retiring from the West Lafayette school system, so we are looking forward to this new chapter in our lives with great anticipation and excitement. We plan on spending more time with our family and grandchildren and traveling. Again, I cherish the years I’ve had the opportunity to get to know the wonderful alumni of the School, and I will miss working closely with our Pharmacy Alumni Association.

With fond memories,

James P. Fenn
Director of Alumni and Public Relations
jfenn@purdue.edu
Jeffrey A. Green is President and CEO of DATATRAK International, Inc., a worldwide Application Service Provider (ASP) for the Electronic Data Capture (EDC) industry. DATATRAK provides a suite of software products supporting the use of DATATRAK EDC® and related services to the pharmaceutical, biotechnology, and medical device industries.

DATATRAK International, Inc., established in 1995, has offices located in Cleveland, OH, and Bonn, Germany. The company has experience with over 150 trials, their applications are used in over 50 countries, and so far 14 drugs have received regulatory approval from either the United States Food and Drug Administration (FDA) or counterpart European bodies after using DATATRAK EDC.

The DATATRAK EDC™ software is an entire e-process solution that takes you from trial to market. Several modules are used in the process: Entry allows you to enter patient data; Review allows you to analyze and manage all site data; Design is the wizard which allows you to create electronic case report forms (eCRFs); and Report/Export allows you to export data and create reports for additional analysis.

DATATRAK also provides an excellent array of training options for its clients. Users are trained via live classroom sessions (including multiple languages), site visits, distance learning, and web-based instructions. They also have the opportunity to receive client trainer certification in order to assist fellow employees.

Jeff says the concept for DATATRAK grew out of his 10 years of experience as a clinical investigator while on the faculty at Case Western Reserve University School of Medicine. “Even in the early 1990s, well before the Internet became a household word, it seemed very inefficient—especially for an industry that seeks efficiency in new drug approvals—to be collecting their clinical trial data by flying people around on airplanes to pick up paper,” he says. “I lived through the paper world of clinical trials for 10 years, with ‘yellow stickies’ on the sides of pages as a way to mark things, and I thought there must be a better way.”

Still, having the vision and bringing it to reality took time and determination. “I tried to get the business started within my academic institution during the early 1990s,” says Green. “This was a period when ’entrepreneur’ was a dirty word in traditional academic centers. I was even threatened to be fired by the Dean of the School of Medicine for starting a business within academia—even though I made the University an equity partner. Thank goodness such visionary institutions have changed their attitudes about such things.”

So, being rejected by his institution, Jeff obtained venture capital funding and took the idea completely private. He began with $600,000 of financing in 1992, raised a second round of $4.6 million in 1994, and went public in 1996—raising $46 million.

The road to reality has been a long and difficult one, but Jeff says that lately it’s been pretty satisfying. “Recent developments over the past 2-3 years have proven that our concept was right all along,” comments Green. But, that wasn’t always the case.

Jeff actually founded two companies—DATATRAK and its parent company, which was sold in 1999. Both were designed to make the clinical research process more efficient and cost effective. But, some of the toughest resistance they’ve faced with both concepts came from the pharmaceutical and clinical research organization (CRO) industries themselves—exactly the group...
that were intended to be the beneficiaries of more modern processes. "I guess I didn’t imagine that given the choice between being able to review your global clinical data from the comfort of your home or office would be initially a second choice to fighting travel complications and actually wanting to go to the doctor’s office in person to pick up pieces of paper," says Jeff. "Amazingly, the CRO industry still fights this process somewhat, because they are the ones making money transmitting paper." Unfortunately, this appears to be a transparent conflict of interest since the longer it takes paper to work through the system, the longer it takes drugs to become approved.

In December, 2004, DATATRAK announced a joint offering with SAS. “This alliance is extremely visionary and important to making the clinical research process even more efficient," states Green. "Because of the technical linkages we have established with SAS Drug Development, a repository for all clinical trial data, our customers can have data collected with EDC from around the world automatically appear in the form of SAS datasets updated every 24 hours into this repository. The normal process of data collection and management in clinical trials with paper takes 9-12 months for this to reach the same point.”

In July, 2005, DATATRAK was mentioned on “Morning Call” on CNBC. The guest analysts both chose DATATRAK as a good pick in the NASDAQ Stock Market, stating that the business of paperless transmission of drug discovery data was a great opportunity. Jeff comments that it’s clear from the investment standpoint that the EDC segment of the clinical trials industry will be in a nice growth phase for years into the future. 80% of all clinical trials are still done with paper, but there will be increasing annual adoption towards using the Internet for such tasks. “There’s no turning back now,” he says. “The dog is beginning to eat the dog food, and customers are now considering EDC more and more for their clinical trials. The issues of protecting patient safety through the ability to ‘know now’ will only add fuel to this adoption.”

Jeff attributes his previous employment as a clinical investigator and his pharmacy education for preparing him for his business venture. “Without an advanced degree in Pharmacy I would have never arrived at this outcome, and my training in Pharmacy at Purdue was an excellent foundation on which to build a career in healthcare and the sciences.”

Jeff received his BS in Pharmacy from Purdue in 1979 and his PharmD in 1982 from the University of Texas. In the fall of 2003, Jeff was invited by Dean Pezzuto to speak at the Dean’s Executive Forum. Jeff’s wife, Cheryl (Wilzbacher), is a pharmacist who also received her BS in Pharmacy in 1979 from Purdue. The couple has three children: Adam is a Theology major at John Carroll University; Christian will be a Freshman at Purdue in Consumer and Family Sciences in 2006; and Lauren is a Freshman at Walsh Jesuit High School in Cuyahoga Falls, OH.

“Now that I’m 50 years old and seen various institutions, I feel that Purdue was the most organized and pleasant experiences I’ve had in my educational lifetime,” he says. “Everyone there always treated me with respect—even as a student—and I reciprocated. Our oldest daughter is going to be a freshman at Purdue in the fall, so our connection continues.”

When asked about his experience at Purdue, Jeff comments that he enjoyed all of his professors, particularly Drs. Popovich, Robbers, McLaughlin, and Heinstein. He also attributes a great class of students for making lectures “interesting.” The education he received also impacted his career in ways he never thought possible. “Pharmacy is a great career path because you can take so many tributaries off of it,” he says. “I mean, who would have thought in the late 1970s that a pharmacist would be founding and running a publicly-traded company that used the Internet? We didn’t even know what that was—and now I’m dating myself—personal computers weren’t even invented then. But, despite these big ravines in the progress of life, it was my education in pharmacy, clinical care, and pharmacology that allowed me to fit into these advancements and actually contribute.”

“That’s what I owe to a great foundational education that I received at Purdue,” Green continues. “Remember, there’s no value time limit on the ability to think. Therefore, anyone who comes out of education with an ability to analyze problems and come up with better solutions is going to be ahead of the curve.”

When asked what advise he would give to the current and future students of pharmacy, Jeff responds, “Persistence and belief in your goals is the most important attribute to have. You can rest assured it will be tested.”

Jeffrey A. Green
BS 1979
President and CEO,
DATATRAK International, Inc.

In April, 2005, Marc Loudon, Associate Dean for Research and Graduate Programs, along with the help of many faculty and staff, undertook the task of recalling and recording the many events that comprise the history of instructional and information technology in the School of Pharmacy at Purdue. The following is a synopsis of the report, including a timeline which chronicles some of the highlights of the technological advancements. The history in its entirety can be read online at http://www.pnhs.purdue.edu/techsupport/history.pdf.

INTRODUCTION

With the current emphasis on the personal computer and high-speed networking tools, it is very easy to be lulled into the view that instructional technology did not exist before use of the personal computer was well established. Although the personal computer and high-speed networking tools undeniably accelerated interest in instructional technology in the mid-1990s, the School of Pharmacy was involved in instructional technology innovations as early as the 1970s. Because instructional technology is so intimately linked to information technology, we have chosen to treat these two areas together, which we will simply term “IT.”

The purpose of this article is to recount the history of IT in the School of Pharmacy in the philosophy that, if the School is to plan intelligently for where it wants to move in this area, it must be cognizant of where it has been. As might be expected, part of the progress in the School has been the result of deliberate planning efforts, and part of it has resulted from opportunistic efforts to take advantage of new technology as it has become available. The elements of IT in the School, as they are everywhere, are remarkably diverse.

The first automated system in the Purdue Pharmacy was a QS-1 Pharmacy Management System installed in 1989. The latest of several hardware and software upgrades, required to fully automate prescription filing, credit-card transactions, and other aspects of the operation, was obtained in 2004. The Purdue Pharmacy is a virtual private network, and it is not linked to the outside world for security reasons, although connection to specific insurance providers is possible. Data from the Pharmacy are fully backed up regularly onto a physical hard drive that is transported to and from a remote location.

The areas of IT investment in the School covered in this article include: Personal Computers, Networking Infrastructure, World-Wide Web Infrastructure and Use, Video Teleconferencing, Graphic Arts, Classroom Technology, Student Computer Laboratories, Continuing Education, Library, Purdue University Pharmacy, and Student Registration and Advising. These are offered with acknowledgment that some of these items are infrastructure, some are applications, and that there is considerable overlap among these areas.

PLANNING FOR INSTRUCTIONAL TECHNOLOGY

The School developed two Instructional Technology plans: one in 1989, and the other in 1996-1997. The 1989 Plan focused largely on the development of computer laboratories, and the 1997 plan was broader.

What is striking is that most of the goals of these plans were realized. It is also worth noting that the availability of technology drove part of the plan, while the plan drove technology in other cases. For example, the (then) new availability of the world-wide web became a driver of the plan in the sense that faculty were asked to embrace this technology with a web page for every class. On the other hand, the desire of faculty to do certain things, such as prepare instructional CDs, develop computer laboratory exercises, etc., drove the purchase of new technology. The important point, however, is that the plan was developed by a broad group of faculty and largely embraced once it was articulated.

The widespread adoption of the Windows operating system in the early to mid-1990s and the improvement of graphics capabilities in the Windows environment signaled the evolution of office computing to the Windows environment.

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<td>A North Star computer with 64K of memory and a Z-80 microprocessor running the PC/M operating system, a forerunner of DOS, was purchased in 1980 by the Department of Medicinal Chemistry. (The cost of computer and “daisy-wheel” printer was about $7,500!) The most important application installed was WordStar®, one of the first “serious” word processors. This was followed by a networked word processor, which, in turn, rapidly gave way to personal computers and printers, and the North Star machines eventually were replaced by IBM PCs with 8080 Microprocessors.</td>
<td>The Office of Student Services (OSS) was networked at the University level “dumb” terminals in 1980, and the transformation to active online access began in 1990.</td>
<td>The first automated system in the Purdue Pharmacy was a QS-1 Pharmacy Management System installed in 1989. The latest of several hardware and software upgrades, required to fully automate prescription filing, credit-card transactions, and other aspects of the operation, was obtained in 2004. The Purdue Pharmacy is a virtual private network, and it is not linked to the outside world for security reasons, although connection to specific insurance providers is possible. Data from the Pharmacy are fully backed up regularly onto a physical hard drive that is transported to and from a remote location.</td>
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<td>Pharmacy’s commitment to instructional computing with both well-developed plans and considerable financial support from alumni and friends led to the placement of one of the first three campus-wide Purdue University Computing Center (PUCC) Instructional Laboratories in Pharmacy in 1990. This laboratory contained 12 Macintosh IICX computers and 24 IBM PC 80386 machines, plus printers, networking hardware, and other items. Today, the laboratory contains 35 Windows-based computers, one printer, and one scanner.</td>
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THE COST OF INFORMATION TECHNOLOGY

It is reasonable to ask what IT resources have cost the School. The precise cost of IT is very difficult to assess because expenses are spread over a variety of programs and sources. Nevertheless, we can estimate that the personnel expenditures in 2004 were approximately $216,000, and the funding sources for these include the Dean’s Office (about 60-70%), the other departments and schools, individual research and educational projects, etc. Hardware expenditures that support only the networking, web/courseware, graphics, and related central operations are nonrecurring, but are approximately $10,000 per year. This does not include, of course, replacement of desktop computers and printers for faculty and office staff.

Instructional Computing and Instructional Equipment grants from the Purdue administration have played a significant role in hardware and software purchases and have provided an estimated $30,000 per year since their inception in the mid 1990s.

There is no question that computers and related devices and the supporting infrastructure have enabled significant increases in productivity, and for that reason the cost of IT advancement in the School of Pharmacy is worth every penny.

Early in 1994, PUCU directed a general campus-wide invitation for people interested in working with the World Wide Web. From 1994 to 1996, the Multimedia Director was constantly adding and updating text and graphic content on the web sites for the School of Pharmacy. In 2001 the present full-time web administrator was hired.

In 1992, a computer graphics expert was hired part-time to develop sophisticated graphics for use in classrooms and computer arrangements is the recent response of the advantages in the School's faculty and office staff.

As IT issues became more complex, the School appointed a Computer Committee in 1994. The School’s first full-time salaried network manager was hired in 1995 upon the committee's recommendation.

In 1998, the Library system converted to a web-based catalog and related improvements such as online renewals and access to electronic journals and databases, and ready access to the catalogs of other libraries followed.

In 1998, a Calendar Server was put into service. This can be used among other things for scheduling conference rooms, and for scheduling student appointments with advisers in the Office of Student Services.

In 2001, a file server (“Rover”) and an IMAP mail service were introduced.

In 2000, after surveying incoming graduate students, the decision was made to drop advertisements in the Peterson’s Guide because of lack of use. This decision saved about $7,500 per year, and these resources were put to web-based recruiting.

As the result of a proposal by Professor Eric Barker and Mark Sharp, a grant from the administration was secured in 1999 for providing streaming audio to students so they would have available the professors’ PowerPoint slides and could review any class at leisure using a RealPlayer® web link. Another proposal from Mark Sharp and Professor Marc Louton enabled the combination of streaming audio and video in which the video component is picked up from a document camera, which serves as the “blackboard.” Another desirable feature of the camera is the ability to display molecular models and overheads. Students can now replay classes that use this technology on the web at any time.


THE FUTURE

One of the greatest challenges in IT is to try to envision and prepare for the future. In the infrastructure area, the question is how rapidly we should move to University-managed resources. The greater susceptibility to virus attacks in university-managed resources and the increased agility and control associated with local management has to be balanced against cost.

On the educational front, a worldwide initial enthusiasm for almost all forms of technology-enhanced education has matured to a genuine interest in evaluating different types of educational technology, investment in that which truly brings about enhancement of learning, and avoidance of technology that might look appealing but has less substance.

In a project led by Professor Curt Ashendel, the School, for example, is currently evaluating the potential of notebook computers to enhance learning in the classroom. This project was funded by Purdue’s central administration with some matching funds from Pharmacy.

In another project, Professor Kara Duncan Weatherman is experimenting with the use of video-IPOD technology in teaching.

The IT staff has implemented firewall protection for the College, something that the University has yet to implement centrally.

RPHB 172 (the main classroom in RPHB) was equipped with an LCD projector by 1994; RPHB 164 was remodeled by the University as a distance-learning classroom in 2001; and RPHB 162 was equipped with an LCD projector at about the same time. Computer carts were placed in classrooms beginning in 1998, and today each classroom has either a cart or a computer console.

Handheld devices (Personal Digital Assistants, or PDAs) have come into prominence in the last five years in the realm of pharmacy practice. The School has not had a PDA “hardware” initiative of any sort, but students do receive instruction (via guest speakers in the Therapeutics course as well as in Orientation to Clerkship) about the pharmaceutical databases that are available for them to use on their PDAs.

Because the graduate programs of the school had specialized computing needs, and because the instructional computing laboratories were often occupied with classes, a graduate student laboratory was opened in 1997. This laboratory housed the poster printer, a slide maker, a scanner, a CD burner, several Macintosh and Windows computers with specialized software, Silicon Graphics workstations for use in molecular modeling, and both laptops and portable LCD projectors for checkout.

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1994

In 1994, the School developed its own e-mail services, thanks in large part to the volunteer efforts of Joe Stowell (now with the Chao Center) in arranging for wiring of the building. Pharmacy’s Internet and Computer Services developed from a well-defined operational model from PUCU that in centralized services would be minimal. One of many examples of the advantages in the School’s arrangement is the recent response to a general computer-virus attack on Purdue, which disabled most of the campus but not Pharmacy.

As IT issues became more complex, the School appointed a Computer Committee in 1994. The School’s first full-time salaried network manager was hired in 1995 upon the committee's recommendation.

The general wiring for high-speed internet throughout campus was completed in the pharmacy building in 1995 after the School convinced the University to move Pharmacy ahead of schedule.

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Nuclear Pharmacy Laboratories. Projects like these and others will ensure that our students will have the best tools available to enhance learning.

SUPPORTING INFORMATION TECHNOLOGY
If you would like to learn more about how you can provide support for the advancement of instructional and information technology in the School of Pharmacy, please contact Chris Smith, Director of Development, at (765) 494-0501 or jcsmith@purdue.edu.

CURRENT INFORMATION TECHNOLOGY STAFF
As the inventory of computing hardware grew rapidly, so did maintenance issues. The College currently has on staff, both part- and full-time, six individuals whose specialties range from Windows-based hardware and software issues to multimedia resources and instrumentation engineering. The IT staff (except for Mark Sharp) is under the supervision of Marc Loudon, Associate Dean, and the Computer Committee.

Kristian Skjervold, Systems Administrator. Kristian, who was hired in 2004, was formerly the systems administrator for the City of Bloomington, and is the College’s fourth full-time systems administrator. Kristian supervises two full-time computer technician positions, currently held by Jennifer Burnette and Michael Johnson.

Jeff Rattray, Webmaster. Hired in 2001, Jeff is our first webmaster. He previously served in a similar capacity in the Department of Food Science. Jeff has developed his own easy-to-use courseware system (YACS), which has been implemented in many courses of the college, and recently rolled out a new version (YACS II).

David Allen, Multimedia Resources. Hired in 1994, David received both bachelors and masters degrees in Computer Graphics from Purdue’s School of Technology. He has been responsible for three published sets of multimedia resources. David also started the world-wide web operation at the School of Pharmacy, which was eventually handed off to Jeff Rattray.

Under supervision of Pharmacy Continuing Education, Bob Bennett, Director:

Mark Sharp, Director of the Hook TV Studio, came to us from WLFI Channel 18 in 1995. Mark has not only developed videotaped media, but has also taken the lead in web-based media and streaming media. His outstanding work for the School was recognized in 2004 with the President’s “One Brick Higher” award.

Kroger Company Supports Pharmacy Practice Laboratory Renovation Fund

ON NOVEMBER 18, 2005, Jay Lawson (BS 1987, PharmD 2001), Pharmacy Recruiter for Kroger Company, presented Dean Pezzuto with a $5,000 check from Kroger to support the Pharmacy Practice Laboratory Renovation Fund. This generous gift will help fund software and practice-related educational equipment for the renovation project.

“The Kroger Company has a long history of supporting the Purdue School of Pharmacy and its efforts to enhance the skills of its students,” said Lawson. “We appreciate the opportunity to help Purdue achieve its goals for the School of Pharmacy.”

Gifts such as this one not only help us accomplish goals within the strategic plan of the University as a whole, but also facilitate the specific objectives of our School in particular. The School of Pharmacy greatly values our continued relationship with Kroger and thanks them for their generous support.
Purdue Leading Effort to Help Pharmaceutical Industries in Developing Nations

PURDUE IS LEADING a project aimed at helping the Republic of Kazakhstan develop a successful pharmaceutical industry by teaching professionals from that country about US and European regulations and procedures relating to drug manufacturing.

Purdue will team with Eli Lilly and Co. and the Parenteral Drug Association (PDA), a non-profit organization providing pharmaceutical and biopharmaceutical training based in Bethesda, MD. “This program will provide training in good pharmaceutical manufacturing practices,” said Charles Rutledge, vice president for research at Purdue and a professor of pharmacology. “But we hope it’s just the beginning of an ongoing program to help developing nations become more self-sufficient in the manufacture of pharmaceuticals while improving the overall health and well-being of their citizens.”

The program, which will teach about 200 Kazakhs over the next three years, began training 44 students at the PDA’s Training and Research Institute at the University of Maryland Technology Center in Baltimore, at Purdue’s main campus, and at Lilly headquarters in Indianapolis. Half of the students are from their nation’s Ministry of Health, and the other half are from Kazakhstan’s National Center for Assessment of Drugs.

Educating pharmaceutical professionals from developing nations will aid those nations as well as the United States, Rutledge said. “There is a huge shortage of prescription drugs for diseases that are devastating the populations of developing countries,” said Rutledge, who is the program’s principal investigator. “If developing nations become more self-sufficient in pharmaceutical manufacturing, there will be less need for the U.S. government or U.S. pharmaceutical companies to provide these medications at a financial loss.”

The training at Purdue will include sessions examining the regulatory systems and requirements necessary for the review and approval of drugs and biologic products, with an emphasis on US and European regulations. Sessions also will cover the science and technologies of the pharmaceutical practice, clinical trials, manufacturing issues, labeling, and advertising.

The first four-week training program is fully funded by the Republic of Kazakhstan. Purdue will serve as the lead organization for the project and manage contractual and financial arrangements with the PDA and Lilly. The project is affiliated with the Pharmaceutical Technology and Education Center in the e-Enterprise Center at Purdue’s Discovery Park. The Chao Center for Industrial Pharmacy & Contract Manufacturing, located in the Purdue Research Park, will be used in the training as a model for a small manufacturing facility.

Excerpts from November 10, 2005; Emil Venere, Writer, Purdue News Services
The Robert K. Chalmers Scholarship and Leadership Development Award

The Robert K. Chalmers Scholarship and Leadership Development Award was established in memory of Robert K. Chalmers (MS 1960, PhD 1962) in 2000 by his wife Elizabeth Chalmers (BS 1960), Ronald (BS 1970, HDR 2001) and Susan (BS 1970, Education) Dollens, family, alumni, and friends. Professor Chalmers touched the lives of many students during his 39 years of service at Purdue as Professor of Pharmacy Practice, Head of the Pharmacy Practice Department, and Associate Dean in the School of Pharmacy. The goal of this scholarship is to advance the practice of pharmacy by encouraging qualities of leadership, caring, and service in future professionals.

Five students were chosen to receive this award, and four of them represented Purdue at the 54th Annual Session of the University of Utah School on Alcoholism and other Drug Dependencies during June 19-24, 2005. The Utah School is sponsored by the American Pharmacists Association (APhA) and the APhA Academy of Student Pharmacist (APhA-ASP). William Fat-Anthony, Taiwo Awosika, Sarah Flinn, and Samuel Hamod each received $600 through this award.

“In the early 80s, the pharmacy section of the Utah School consisted of 7-10 pharmacist participants trying to find a means for addressing impairment in the profession,” says Jeffrey Baldwin, a volunteer program promoter for the Utah School and Associate Professor of Pharmacy Practice at the University of Nebraska Medical Center College of Pharmacy. “At some point, students were encouraged to attend, with the thought that they would bring forward more information and take an active role in meeting this issue in the profession. Over time, the pharmacy section has become the biggest single section at the school, with pharmacists representing more than half of the section’s participants. This past year, the section actually grew beyond its normal capacity of 310 to more than 400 attendees, largely because several schools sent 50 or more students. There were 41 pharmacy colleges represented this year and 18 faculty in attendance. For colleges, this is the best we have ever done. This is also a great CE opportunity for pharmacists, both those dealing with personal or others’ addictions and those involved in education or regulation.”

After attending the Utah School this past summer, the students expressed how meaningful the experience was for them, demonstrating that the Chalmers award’s goal of encouraging caring in future professionals is coming to fruition. The following are narratives of each student’s personal experience.

Taiwo Awosika
Third Professional Year PharmD Student

“I had a great experience at the Utah School. Hearing the speakers address this disease state enlightened and taught me to recognize the symptom of this disease. Before coming to Utah, I had little or no idea of how to recognize and approach—or even help someone—with the disease. Listening to Mervlyn Kitashime speak on the topic of ‘Children of Promise’ thought me how to change negative experiences into positive ones. She also explained how she learned caring and support from her grandma during the difficult times. In addition, I learned how genetics play a roll in this disease and why the treatment/cure for the disease is avoidance.

The program was not only educational, but an excellent environment to meet students, pharmacists, and other professionals from different states.”

Samuel Hamod
Third Professional Year PharmD Student

“The moment the four of us walked into the Saltair room on the first night, there was a feeling of excitement, love, and overwhelming friendliness. We were complete strangers, yet we were welcomed as family. Everyone presenting and associated with the school truly cared about all of the students there. This warmth really made the situation comfortable and took much of the pressure away from talking about such a difficult subject. It was very nice being somewhere where everyone cared so much.

One of the biggest things I learned from the school is that everyone has some sort of problem, stress, or issue in life that is difficult to deal with. How we choose to deal with these problems can lift us up or cause us to fall victim to the disease of alcoholism. No matter what the problem may be, we all must remember that we have a wide range of people to talk with and ask for help. These people include and are not limited to friends, clergy, neighbors, teachers, deans, community leaders, etc.

This experience has left a strong feeling in my heart that if we can just love everybody and help lift them up, we can do so much good in life. Because of the Utah experience, I am putting a positive spin on things and doing as much as I can to lift people up and help them know I care. I am certain that if we truly love one another, as so many people did at the Utah school, we will all be more likely to open up and talk about problems and be less likely to fall to the disease of alcoholism.”

— Taiwo Awosika
Third Professional Year PharmD Student

“Sarah Flinn was a great way to meet other people in the field of pharmacy who share a common desire to learn more about substance abuse and what we, as pharmacists, can do to help those in need. The school helped me learn more about alcoholism as a disease that needs treatment—pharmaceutical and nonpharmaceutical—just like any other disease. I was glad for the opportunity to attend and broaden my view of how pharmacy can be applied in healthcare today.”

— Sarah Flinn
Fourth Professional Year PharmD Student

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— Samuel Hamod
Third Professional Year PharmD Student
“Growing up, I experienced physical abuse, rejection, loneliness, and abandonment from an alcoholic father. These experiences have made me perceive every alcoholic or other chemically dependent individual as irresponsible and weak. At the end of series of presentations and seminars I attended at the Utah School, I came to an understanding that alcoholism and addiction are preventable and treatable diseases, and that the behavioral process is abuse, according to Dr. Crossley’s lecture.

In her lecture, ‘Children at Promise,’ Ms. Kitashime emphasized the need to give a sense of hope and courage to an individual who may be experiencing abuse as result of chemical dependencies from a relative. In addition, we can make a difference in the life of children or individuals who have been exposed to abuse by caring and giving support to them by encouraging involvement in community or school events. These activities are crucial for a sense of worth and positive outlook on the future.

John and Pat O’Neil’s role playing model on concerned intervention is also a very good tool in understanding how to assist a diseased patient (alcoholic) to recovery. My perception on alcoholism and other euphoria producing agents has also been redefined. In addition, I now have a strong understanding of how a pharmacist can assist in the fight against abuse of these drugs.

Attendance at the seminar also provided a tremendous opportunity for meeting people from all areas of healthcare.

With regard to how the program might be improved, I feel more emphasis should be focused on drug use and abuse by healthcare professionals. Particular importance should be given to providing education to students in health care fields about the pros and cons of chemical substance abuse. I believe early intervention would provide better opportunities to avoid addiction. All universities should be required to include a non-elective course on alcohol and other chemical substance abuse—not only to identify individuals who may be likely to abuse alcohol or drugs, but also to provide information and support for those who are already suffering from its effects.”

— William Fat-Anthony
Third Professional Year PharmD Student

William Fat-Anthony, Sarah Flinn, Samuel Hamod, and Taiwo Awosoka

Todd Meyer

"During the middle of September, the Joint Commission Resources held a meeting of the minds to discuss new approaches for transforming health professional education. The science and practice of health care is ever-changing. A health professional must be highly adept to recognize these challenges to ensure the needs of their patients are met. However, it is documented that care lacks in a large proportion of the population due to errors of admission and omission. The symposium addresses these issues, but not from singular voice. Indeed, a glance at the attendees and speakers suggest a consortium of interprofessionals. RNs, MDs, MS, MSNs, BSNs, PharmDs, MBAs, PhDs, and APNs worked to discuss patient-centered care, highlighting evidence-based practice, quality improvement approaches and informatics. The success of their efforts within their disciplines has received attention, but the vast restructuring of education and training of health professionals will require a convergence of academic leaders, professional and health delivery organizations, and public and private sector over-sight bodies.”

— Todd Meyer
Fourth Professional Year PharmD Student

A fifth student, Todd Meyer, was chosen to receive the Chalmers award in order to attend a Joint Commission Resources meeting, “Transforming Health Professional Education,” in September, 2005. He, too, is appreciative for the experience to meet with various professionals in healthcare to discuss such important topics. Todd’s recount is above.

“I was pleased to read about the students’ experiences at the Utah School and the Joint Commission Resources meeting,” comments Elizabeth Chalmers. “Their initiative in pursuing these opportunities demonstrates their desire to grow and expand their vision of the positive impact they can have on the profession of pharmacy.”

The School of Pharmacy is pleased to have the opportunity to provide these students with the ability to attend such informative and beneficial conferences through the support of the Robert K. Chalmers Pharmacy Scholarship and Leadership Development Award.
Garnet Peck Symposium

The Third Annual Garnet E. Peck Symposium in Industrial Pharmacy was held on Thursday, October 13, 2005, at the Holiday Inn Select City Centre in Lafayette, IN. The theme for this year’s symposium was “Approaches to the Prediction of Dosage Form Design.” Allen Chao, [PhD 1973, HDR 2000] gave the opening presentation: The Role of the Pharmaceutical Scientist in Developing Niche Products. Allen is the Founder, President, and CEO of Watson Pharmaceuticals. He and his wife, Lee-Hwa Chao [BS 1973] established The Chao Center for Industrial Pharmacy and Contract Manufacturing at Purdue, making Purdue one of only five universities in the country to blend pharmaceutical education and drug manufacturing.

Other speakers included Michael Doyle, Accelrys; Metin Çelik, Pharmaceutical Technologies International; Alice Martino [BS 1980], Pfizer, Inc.; Carl Wassgren, Associate Professor of Mechanical Engineering at Purdue; Charles Cunningham, Colorcon North America; and Garnet Peck, Professor Emeritus of Purdue University.

The first Garnet E. Peck Symposium was held in October, 2003, in honor of Garnet’s retirement from the School of Pharmacy.

Pharmacy Career Fair

Pharmacy Days is a highly focused series of events for Pharmacy and Pharmaceutical Sciences students and employers. The Career Fair is open to pre-Pharmacy, BSPS, and Pharmacy students, allowing them to access employment information for internships, residencies, full-time positions, and career exploration. The Career Fair is followed by two days of interviewing for summer and full-time opportunities. Reception and Information Sessions are hosted by the Purdue Pharmacy Ambassadors.

Joyce Collins and her associates are always happy to see Purdue Pharmacy students interested in careers with CVS/pharmacy.
Stan Shaw’s Retirement Dinner

The Stan Shaw Retirement Dinner morphed into an all-night event of epic proportions. Dozens of friends, relatives, former and current students, and old and new friends gathered to "roast" Stan in a most enjoyable fashion. Table decorations included centerpieces made from the famous radioactive table ware that Stan has used for years in his classes. Several pieces were auctioned off, their authenticity being verified by a Geiger Counter on site.

A "Stan Shaw, This is Your Life" skit performed by his current students brought fond and funny memories tumbling from the past to the present. A bagpiper marched through the dining hall at one point as a tribute to Kara Duncan Weatherman who will be taking Stan’s place when he does finally quit coming into the lab, and a harpist played in the background during the quieter moments. Apparently Dean Pezzuto had some issues with Stan’s height, because when it came his turn to roast Stan, he repeatedly referred to Stan as being vertically-challenged.

When all was said and done, it was obvious that everyone loved Stan Shaw, that he has made a lasting impression on his beloved field of Nuclear Pharmacy, and that nuclear pharmacists do indeed know how to party on!
Homecoming Tailgate

Purdue University hosted its annual Homecoming with a celebration on the Purdue Mall on Saturday morning, October 15, 2005. This family-friendly event included hands-on activities by Purdue schools, colleges, and departments, live entertainment, food, and a chance for alumni to reconnect with faculty and former classmates.

The School of Pharmacy’s traditional tailgate lunch was a huge success, capped by the welcome and announcement by President Jischke of CVS/pharmacy’s commitment to name the CVS/pharmacy Practice Laboratory in the School of Pharmacy. CVS/pharmacy also co-sponsored the tailgate tent, along with the Pharmacy Alumni Association. Hundreds of alumni and their families enjoyed a pre-game lunch and were treated to live music from the nearby main stage.
Donor Recognition Brunch

The School of Pharmacy and Pharmaceutical Sciences Annual Donor Recognition Brunch was held on Saturday, November 5, 2005, at the University Inn in West Lafayette, IN. Dean John Pezzuto welcomed over 270 Pharmacy donors, scholarship recipients, faculty, and staff to the brunch.

During the morning’s festivities, Christopher Smith, Director of Development, announced several gifts which had been made recently, including the Robert V. Evanson Scholarship Endowment established in 2005 by Terry Cole (BS 1963, MS 1964); the $300,000 pledge made by CVS/pharmacy toward the renovation of the Pharmacy Practice Laboratory; and Hook Drug Foundation’s pledge of $62,500 toward the renovation of the Pharmacy Student Lounge.

At the close of the brunch, tickets to the Purdue vs. Michigan State football game were distributed. The School of Pharmacy congratulates all of our scholarship donors and recipients, and also the Boilermakers on their 28-21 victory!

APhA-ASP Cholesterol Screening

On September 29, 2005, the APhA-Academy of Student Pharmacists organized a cholesterol screening outside the Purdue Pharmacy entrance. Using a Cholestech LDX Analyzer and with help from ASP co-advisors Alan Farkas and Professor Kimberly Plake, and friends to ASP, Drs. Brian Shepler and Patricia Darbishire, ASP screened and counseled 46 pharmacy students, staff, and faculty. The Analyzer provides lab-quality data for total, LDL, and HDL cholesterol, and triglycerides, as well as fasting blood glucose.

The service was organized by Traci Wozniak and the Professional Projects Committee in order to educate Purdue students and staff about the National Cholesterol Education Program’s recommendation that all adults be assessed for dyslipidemia starting at age 20. Paying for only the cost of materials, patients had an opportunity to be counseled by an ASP member on how to interpret and respond to their blood lipid and glucose concentrations. The screenings are a part of our ongoing national Operation Diabetes project in which we aim to go out into the community and educate patients about cardiovascular health. This has provided a unique opportunity for pharmacy students to make a difference in the lives of real patients while promoting the broad capabilities and knowledge that pharmacists have to offer.

The Cholestech LDX analyzer was acquired with support of the Office of the Deans, and ASP benefits continually by the time and energy of the faculty who serve to help us develop professionally while making a difference in our community.

ASP’s President Mark Brown says the organization plans to attend health fairs throughout the year and to continue their collaborative efforts with the School of Nursing to help with screenings for the Purdue Wellness program. To learn more about the organization, visit http://www.pharmacy.purdue.edu/~asp to see what else they are doing to make the most of what is already a fantastic education.

Jackie Jimerson, Director of Multicultural Programs, congratulates Carmen Quiroga, who was recently accepted into medical school.

JeanAnne (BS 1961) and James Chaney visit with their scholarship recipients

Michael McMains (BS 1981) and his wife, Cheryl (AAS 1980 Nursing; BA 1981 Liberal Arts) enjoy participating in the Donor Brunch. The McMains’ have recently established the Michael B. and Cheryl M. McMains Scholarship.

Steve Nail (BS 1972 ChemE; PhD 1975 Pharmacy), (center) along with his wife, Lisa (BS 1973 Science), celebrate with Candice Hill, family, friends, and Grace O’Connor, the first recipient of the R. Patrick Hill Memorial Pharmacy Scholarship. Mrs. Hill, along with the Nails, established this endowment in memory of her late husband Patrick Hill (BS 1975) in May, 2005.
John Derr (BS 1958) is Author of Novel

John F. Derr (BS 1958) has written a new fictional novel, Devil Tree, which takes the reader through a maze of international intrigue as a leading pharmaceutical company struggles to survive a takeover in the face of both internal and external challenges. The bark of the Devil Tree (common name of the Indonesian Alstonia Spectabilis tree) is used for traditional medicine, but in this story scientists discover that it has Alzheimer’s curative powers. New York City’s James Pharmaceutical Company has developed the formula, but cannot perfect the product due to a milky sap that is rich in poisonous alkaloids. A shortage of working capital also complicates the company’s plans to bring the new drug to market. Devil Tree presents some of the problems pharmaceutical companies have in developing and marketing products as well as the influence of Wall Street. In today’s world of blasting the pharmaceutical industry, Devil Tree is a story complimenting this valuable industry. You can learn more about the book at http://www.amazon.com/gp/product/0595672612/104-7560179-4283922?v=glance&n=283155&s=books&v=glance or email John at captainjohn181@mac.com to purchase an autographed copy of the book.

John is a Purdue Old Master, has served on the Dean’s Advisory Boards for over ten years, has been a member of the Purdue President’s Council since its inception, and served on the Board of Directors of the Purdue Alumni Association. He has worked for Squibb, Searle, Siemens, and National Medical Enterprise. He has started four healthcare companies in the fields of clinical chemistry, ceramic orthopedics, database marketing, and dermatology. Most recently, he has been working in Washington, D.C., as the Executive Vice President for the American Health Care Association and National Center for Assisted Living. In January, 2006, he became the first Executive Director of the Foundation for the Advancement of Elder and Disabled Care. John lives with his wife in Anacortes, WA.

Colonel (Ret.) Jack Money (BS 1941), practiced pharmacy for 58 years. He was the owner of Moss and Money Drug, Co., now closed. His two children are also Purdue graduates: Sylvia Money Dyar (BS 1966, CFS), Craig Money (BS 1978), Jack retired from the Indiana National Guard in 1966.

Jack Orr (BS 1940) (ORRX@comcast.net) writes that he was Dean of the University of Montana School of Pharmacy from 1952-56. He was also Dean from 1956-1978 and Professor Emeritus of the University of Washington School of Pharmacy, having been retired since 1983. He is a past president of the American Association of Colleges of Pharmacy, and served as editor of The Purdue Pharmacist from 1939-1940 when it was student-run.

James Pritchard (PhD 1948) (je356pl@cs.com) retired from ConocoPhillips, Co. as the Manager of Plastics Research and Development (polyethylene, polypropylene, and K-Resin). He was named by company management as #2 in the top ten developments in the history of the company and had the #1 research project. In 2003, he initiated action to eliminate trans-fat from food, and the Oklahoma Attorney General worked with his team in doing so. In response, several name brand food distributors are now entering the zero trans-fat market. Jim was recognized for his trans-fat project with the Lifetime Achievement Award in 2004-2005 by Rotary International District 8110 for his “pursuit of better health for mankind.”

William Brown (BS 1953) (mchord@drivetech.net) retired from Geigy Pharmaceuticals after serving as District Manager, Regional Manager, and Manager of Pharmacy Relations. He currently owns and operates The Minor Chord music store in Acton, MA (www.theminorchord.com).

Frank O’Connell (PhD 1957) writes that he is retired. At the time of his retirement, he was Professor and Associate Dean of the West Virginia University School of Pharmacy.

Howard Parker, Jr. (BS 1953) retired as co-owner of Parker Drugs in Oakland City, IN, after 40 years of service. He is currently involved in several small town activities.

James Reed (BS 1959) (jreed@adolphia.net) retired in October, 2005, after 31 years at Iredell Memorial Hospital in Statesville, NC.

Mark Varnau (BS 1956) (mvvarnau@indyrr.com) received the “Arii” Award from the Arts Council of Indianapolis for the Volunteer/Patron category in September, 2004. In September, 2005, he received the “Excellence in Trustee Leadership” Award from the Indiana Association of Homes for the Aging while serving as Board President of Marquette Manor in Indianapolis, IN.

Mario Forgione (MS 1968) shares that he is still practicing hospital pharmacy in a very clinically-oriented setting. He enjoys spending time on the beaches at Cape Cod, traveling, and playing tennis. He has three grown children and three grandchildren whom he and his wife, Teresa, enjoy very much.

Karen Sutton Hutchinson (BS 1966) and her husband, Richard, retired six years ago to Hilton Head Island, SC. Their three children have provided them with 11 grandchildren. The couple enjoys the ocean, warm weather, and traveling.

Scott Stamper (BS 1976) (slstamper@bellsouth.net) writes that after a brief sojourn back into the world of retail pharmacy, he has returned to medical information provision. He and his wife, Kris, love their new home in Chapel Hill, NC. Their son, Zachary (14), does well in school, is co-captain of his school soccer team, and has taken up the electric bass. Kris has a thriving graphic design business. He’s happy to send his “greetings from the South, y’all!”

Nancy Weekley Busso (BS 1980) (njbusso@msn.com) recently received her Project Manager Professional (PMP) certification. Her daughter, Analise, has also been accepted to the Pre-Pharmacy program at Purdue.

Karen Henderson Flanigan (BS 1984) shares that after spending the last 10 years as a pharmacist at an oncology clinic in Pennsylvania, she has moved to St. Louis, MO, and made a career change into the publishing field. She is now a clinical editor specializing in oncology. She’s writing treatment guidelines that will be incorporated into order sets that will be a part of the electronic medical records of hospital systems around the country.

Phillip Nixon (PhD 1987) is now heading up the new Parenteral Center of Emphasis for Pfizer in Groton, CT.

Leslie Stewart Willsey (BS 1981) (ljwqueen@comcast.net) writes that she is in her 25th year at the St. Francis Hospital Pharmacy at the Beech Grove/Indianapolis Campuses. She has three sons: Brian is a student at IU, Brad is at IUPUI, and Blake will attend Purdue’s School of Engineering in the fall of 2006. She and her husband, Bob, plan to attend the Boilermaker football games with Blake next year, as well as her 25th college reunion during homecoming.

Mike Barnes (BS 1997) (climbh@gmail.com) and wife, Catherine Suriano, welcomed Mason Adak Barnes into the family on December 21, 2005. Cooper, age 3, is a proud big brother.

Angela Bender Bergstedt (BS 1998) (abergstedt@earthlink.net) and husband, Jeff (BS 1997, Management), write that the family moved to Carmel, IN, in March, 2005, after living in Haymarket, VA, for 3 years. Their son, Alexander Jeffrey, celebrated his first birthday on August 30, 2005. The family moved back to IN for Jeff’s career and to be closer to both of their families in Ft. Wayne.
Tracy Ach Brooks (PharmD 1993) (Eebrooks@aol.com) and husband, Eric (BS 1992, ChemE), celebrated the birth of Rachel Julia on September 7, 2005. She joins big brother, Kyle (4), and sister, Morgan (2). Tracy continues to be Clinical Pharmacy Manager at Parkview Home Infusion in Ft. Wayne, IN, with an expertise in hospice pain management.

Missy Roll Burnham (PharmD 1999) and husband, Doug (BS 1998, Technology), are the proud parents of Parker, born December 10, 2005. He was born early and weighed 3 lbs 6 oz. Mom, Dad, and baby are fine.

Jenny Buck Emery (BS 1998) (buckjenny@hotmail.com) and husband, Ross, welcomed Lucas Edward Emery into the world on December 2, 2005.

Scott Hodges (PharmD 1999) (scotter1232001@yahoo.com) and wife, Sarah, are excited to announce their marriage on December 17, 2005, in Evansville, IN. The couple spent their honeymoon at the Biltmore Estate in Asheville, NC.

Jeffrey Huff (BS 1990) took over as Pharmacy Manager at one-year-old Walgreens in Warsaw, IN, in February, 2005. He started a new position as Regional Pharmacy Intern Coordinator for Walgreens this past summer. Last year, he helped reestablish the Elkhart County Pharmaceutical Association and currently serves as its President. The ECPA will be offering scholarships to Elkhart County pharmacy students from Purdue and Butler beginning this spring. He is also currently in his 15th year as a Purdue preceptor.

Nichole Salmon Human (PharmD 1998) (humandna@wi.r.com) and husband, Dale (BS 1996, Science), welcomed their second son into the family on Halloween, 2005. Andrew Jacob joins 3-year-old Ryan, who is happy being a big brother.

Terri Warholak Jackson (BS 1992, MS 1999, PhD 2001) (jackson@pharmacy.arizona.edu) writes that she is back in Arizona—hopefully to stay. She accepted a position as Clinical Assistant Professor at the University of Arizona College of Pharmacy in Tuscan.

Carrie Rice Krekepler (PharmD 1999) and husband, Patrick, celebrated the birth of Ian Benjamin on September 7, 2005. She wrote that he is a happy and healthy baby.

Victor Melendez-Colon (PhD 1998) writes that he has a black belt in Tae Kwando. He is the leader of the Cleaning and Process Validation Program and the Emergency Medical Team for Amgen in Puerto Rico. He and his wife, Suzette, have two children, Ethan and Fabiola Nicole.

Rick and Melissa (Anderson) Neglia (both PharmD 1999) (mneglia@midsouth.nr.com) are pleased to announce the birth of Katherine Alice on September 14, 2005. She weighed 7 lbs 15 oz and was 20 ½ inches long.

Tricia (Gurtner) Post (BS 1997) writes that she is still enjoying working as a part-time pharmacist at DeKalb Pharmacare. She and her husband, Randy (BS 1996, Engineering), recently moved their family into a neighborhood with many playmates for Matthias (5) and Maria (2).

David Rippley (BS 1994) (rippveys@verizon.net) worked for Park Pharmacy, and independent store, for 9 years until it closed in 2003. He was the pharmacy manager at that time and now works at Goshen General Hospital. He and his wife, Susanne, have two children (ages 12 and 4), and he tries to golf as much as possible.

Candice Waymire Rominger (BS 1999) (nfibrears@hotmail.com) married Brian Rominger on October 9, 2004. The couple welcomed their first child on October 25, 2005. Marlyiah Jewell weighed 7 lbs 1 oz and was 19 inches long.

Grant Wilson Ruble was born to Guy Ruble (BS 1992, PharmD 1995) (gcx1@hotmail.com) on December 12, 2005. Big sisters Julia and Grace were very excited to welcome their new brother home. Guy continues to work at Eli Lilly and Company full time and works supplemental at St. Francis Hospital in Beech Grove, IN.

April Rush Scott (PharmD 1997) (aprilrlnsight-bb.com) and husband, Adam, are the proud parents of Bailey Elizabeth, born April 27, 2005. She joins big sister Ali Grace (3). In addition to her responsibilities as Clinical Pharmacist at Reid Hospital and Health Care Services, April focuses on medication error reporting for the hospital and patient safety initiatives.

Lori Rodocker Shelley (PharmD 1998) (kisheley1@comcast.net) and husband, Kevin (BS 1997, Engineering), welcomed Dylan Riley into the family on March 24, 2005. Austin (3) is the proud big brother.

Lori Cashbaugh Sevald (BS 1997) writes that after 8 long years of additional schooling and training, she finished her residency in Obstetrics and Gynecology at Emory in June, 2005, and is now in private practice in West Palm Beach, FL. On July 2, 2005, she married her wonderful husband, Jason, who is a physician in emergency medicine.

Suellyn Jacko Sorensen (PharmD 1993) (home.sorensen@comcast.net) and husband, Scott (BS 1988, Krannert), celebrated the birth of their second child on October 26, 2005. Robert Scott Sorensen, Jr., weighed 6 lbs 8 oz and was 19½ inches long. Also see the IPA Awards Luncheon recognitions on page 9.

Callie Ablplanalp Tamm (BS 1999) and husband, Ryan, welcomed the birth of their beautiful daughter, Kayla Marie Tamm, on August 12, 2005. She weighed 7 lbs 12½ oz.

2000-Present

Lindsey (Agnew) Baugh (PharmD 2005) (labbaugh@gmail.com) recently accepted a position beginning in July as Primary Care Specialty Resident for Community Health Network for the 2006-07 year.

Keri (Fitzpatrick) Byrles (BS 1998, Food Process Engineering; PharmD 2004) (keri@byrles.com) and husband, Timothy, celebrated the birth of their first son, Ethan Garrett Byrles, born July 13, 2005. He weighed 6 lbs 7 oz and was 19 inches long.

Jennifer Gatsos-Walker (PharmD 2003) (gatsosj@yahoo.com) writes that her husband, Matt, accepted a new engineering job in Indianapolis. Therefore, the couple packed their bags and relocated from Pennsylvania to Indiana. Jennifer accepted a position at Community Health Network—East Campus.

Christina Carnahan Habison (PharmD 2002) (camy77@yahoo.com) married Mike Habison (BS 2001, Building and Construction Management) on May 21, 2005, in Dallas, TX. The reception was held at the Dallas World Aquarium. The couple highly recommends future honeymooners to visit St. Lucia where they had an amazing vacation.

Stacie Smashar Kaar (PharmD 2001) and husband, Dan (BS 1996, Industrial Management; BS 2000, Turfgrass Science), welcomed daughter, Kelly Elizabeth, into the family on July 17, 2005. She is the couple’s first child.

In Memoriam

Carman A. Bliss (PhD 1954; Distinguished Alumnus, 1990)
W. Marvin Davis (BS 1952, MS 1954, PhD 1955; Distinguished Alumnus, 1987)
Denise M. Eno (MS 1960)
Michael F. Hamang, Sr. (BS 1955)
James C. Judge (BS 1950)
F. James Koelzer (BS 1954)
Janet R. Strang (BS 1938)

Amy Chandler, Editor, at chandler@purdue.edu.
WINNIE A. LANDIS (BS 1981) has been named President-Elect of the American Pharmacists Association (APhA). She will assume office on March 20, 2007, at the Annual Meeting in Atlanta, GA.

Winnie is a pharmacist and Certified Diabetes Educator for Albertson’s, Inc./Osco Drug in Lafayette, IN. She is also an Affiliate Instructor of Pharmacy Practice for Purdue’s School of Pharmacy. She was named a Pharmacy Distinguished Alumna in 1994 and currently serves on the Dean’s Professional Advisory Council at Purdue.

She is the past President of the Indiana Pharmacists Association (IPA) and the Indiana Board of Pharmacy, and has served on the Indiana Pharmacist Education Foundation Board.

Among other honors, Winnie is the recipient of the Indiana Pharmacy Alliance Pharmacist of the Year and the Bowl of Hygeia awards. She is also the recipient of the APhA-APPM Distinguished Achievement Award in Community and Ambulatory Practice, having served as an APhA-APPM Community/Ambulatory Practice Section Officer, the Chair of New Business Review Committee, and has served two terms on the APhA Board of Trustees. Furthermore, she completed the APhA Community Pharmacy Management Program and the Thunderbird/Midwestern University Leadership in Healthcare Program.

“I am honored and excited to have been elected to the position of President-Elect of the American Pharmacist Association,” says Landis. “As the profession of pharmacy sits at the dawn of a very exciting era with the advent of the Medicare Modernization Act and Medication Therapy Management, pharmacists will be challenged to provide clinical patient care services. This is an outstanding opportunity for pharmacy students, pharmacists, educators, and pharmacy professional organizations to come together to demonstrate the value of the pharmacist in the patient care arena. I look forward to working with APhA on the national level and especially with the Purdue family to help bring a new level of pharmacy practice to patient care.”

Founded in 1852, APhA is made up of more than 50,000 members including pharmacists, pharmacy students, pharmacy technicians, and scientists, and is the largest professional association of pharmacist in the U.S. The organization is “dedicated to improving medication use and advancing patient care.”

The next APhA Annual Meeting and Exposition will be held March 17-21, 2006, in San Francisco, CA. For more information about APhA, please visit the official website at www.aphanet.org. Congratulations, Winnie, on your recent appointment as President-Elect of APhA.