Celebrating the Lilly Legacy at USP

A Guiding Hand
Dr. Kevin Cody’s Impact on PT and OT

Mayes College Launched
Meeting the Critical Needs of the Nation’s Healthcare Future

USP’s History Detective
Uncovering an Artist’s Treasure
“J.K.” and “Mr. Eli”—Founders of the great Lilly legacy and innovators of the highest order, our graduates created an enduring reputation for their family and for excellence in healthcare. The impact of all that grew from Colonel Eli Lilly’s original pharmaceutical laboratory, where J.K. and Mr. Eli began distinguished careers, can be felt worldwide. An expansive generosity of spirit extended from the Lilly’s concern for patients to their alma mater, and the benefits of what the Lillys created and bestowed are more significant with each passing year. While this story is exceptional in its scope, the Lilly legacy of education and inspiration embody the history of Philadelphia College of Pharmacy. One-hundred-and-eighty-seven years after establishing the professional practice, education—and eventually the industry—of this most-respected healing art, graduates of PCP continue to define pharmaceutical care, research, and business.

With the expansion of our educational programs and our own gradual evolution into University of the Sciences in Philadelphia, the vision and accomplishments of our graduates continue to be hallmarks of all of USP’s colleges, and the line of leadership continues to this day.

Our newest college—Mayes College of Healthcare Business and Policy will be another first: the first college to offer students and faculty new and unique possibilities for integrating the issues surrounding healthcare from many perspectives, including policy and business. The college is named in honor of alumna Kate Mayes P’76, PharmD’78. From her vantage point as the founder of a medical education and communications company, Dr. Mayes understands from personal experience—and her own vision—how critical it will be to the future of healthcare that these perspectives converge in a new model for integrating education, policy, research, and business. Dr. Mayes continues the traditions of the founders and innovators who began their careers at USP.

We look forward to the celebration of another Founders’ Day—our 187th—in February, when the entire USP community can reflect on our legacy of innovation and honor the vision of our own founders by conferring an honorary degree on an individual who also embodies these values. This new tradition is a fitting tribute not only to “J.K.” and “Mr. Eli”, but to John Wyeth, to the McNeil family, to Leonard Abramson, and so many other founders and innovators who have been part of our history—and to the continuation of the USP commitment to educate the next generation of healthcare leaders.

With sincere best wishes to all of you for a warm, safe, and happy holiday season.

Sincerely,

PHILIP P. GERBINO P’69, PharmD’70
President

The mission of University of the Sciences in Philadelphia is to educate students to become leaders and innovators in the sciences, health professions, and emerging related disciplines. Building on our legacy as the nation’s first college of pharmacy, we provide excellence in teaching, research, and service.
Celebrating the Lilly Legacy at USP
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The enduring legacy of the Lilly name at USP is one of great pride. Take a look back at that heritage as 2007 marked the 125th anniversary of Josiah Kirby Lilly PhG’1882 and the 100th anniversary of his son, Eli Lilly PC’1907, as graduates of Philadelphia College of Pharmacy.

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USP graduate students gained firsthand knowledge and experience about the Japanese healthcare system.

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Thanks to the hard work of Dr. Roy R. Robson, a South Jersey Russian community has found homes for the work of artist Pimen Sofronov.
USP Launches Fall Advertising Campaign
“usp.edu” Makes Its Debut

Focusing on undergraduate students and their influencers, USP launched its fall advertising campaign that includes two new radio spots, traffic sponsorships, billboards, and bus backs. The advertising also debuts USP’s new domain name: usp.edu, thus officially retiring the “i” in our web and e-mail addresses.

Where Can You See It?
The outdoor advertising launched on bus backs and billboards (located on I-95 and I-76) with HEALTHCAREER, which applies to nearly all of USP’s majors, and was followed by PHARMACISTUDENT. Next, was SCIENTISTUDENT and STUDENTREPRENEUR, school communities. An aim of the campaign is to drive prospective students and their parents to usp.edu for more information, where the images are repeated on the homepage in Flash animation for reinforcement.

Cutting Through the Clutter
The outdoor campaign features four blended words against a solid black background, creating a dramatic effect that is expected to cut through the clutter of some other university outdoor campaigns currently on display. The radio spots feature the accomplishments of Kenneth Kinzler PH/ TX’83 and Michele Fontana MPT’90 and mirror the “career transition” message.

“This advertising commences the progressive repositioning of USP in upcoming advertising and public relations,” said Rod Miller, senior vice president of marketing and development. “USP must extend its visible presence in the marketplace during this peak undergraduate recruitment period. In addition, the campaign touches on the diverse character of USP and strengthens the positioning of its OT, pharmacy, PT, and other health and science education.”

New URL Retires the “I”
The transition to “usp.edu” recognizes the academic identity of the University on the web. By eliminating the “i” in our URL and e-mail, the identity of the University will be reinforced in all of our communications.
The enduring legacy of the Lilly name at USP is one of great pride. On Sept. 27, 2007, USP and Eli Lilly and Company joined together to celebrate their historical ties with dual celebrations in Philadelphia and Indianapolis. The occasion was to mark the 125th anniversary of JOSIAH KIRBY LILLY PhG’1882 and the 100th anniversary of his son, ELI LILLY PC’1907, as graduates of Philadelphia College of Pharmacy.

“We commemorate the lives of two exemplary men and the profound contribution they have made not only to Philadelphia College of Pharmacy and Eli Lilly and Company but to the advancement of medicine and human health,” said Sidney Taurel, Eli Lilly and Company chairman of the board and chief executive officer, the night of the celebration.

Tracing the Lilly legacy at USP, however, must begin with Eli Lilly, father of Josiah Kirby, grandfather of Eli, and founder of the company that bears their names.

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Colonel Eli Lilly—Pharmacist, Military Man, Farmer

Toward the end of 1860, Eli Lilly finished his five-year apprenticeship in a pharmacy in Lafayette, Indiana. Without missing a beat, he moved to Greencastle, married Emily Lemon, and opened his first drug store. Although Lilly’s immediate prospects looked bright, ominous clouds loomed over the horizon as the start of the American Civil War on April 13, 1861, would forever change the landscape. Without hesitation, Eli Lilly joined the military. He closed down the pharmacy and said good-bye to his wife Emily, who gave birth to their first child, Josiah Kirby, on November 18, that same year.

Lilly served in several Indiana units during the Civil War and mustered out as a colonel in 1865. When the war ended he settled in Mississippi and tried to raise cotton. The plantation endeavor seemed cursed from the start with a ruinous drought and a dishonest business partner. However, the tragedy didn’t end with bankruptcy, as Emily died from pregnancy complications, and Josiah Kirby nearly lost his life to malaria.

As 1866 drew to a close, the colonel returned to Indiana and spent the next nine years in three pharmaceutical ventures without much success. Finally, in 1876, with promised support from several drug wholesalers, the colonel opened a small pharmaceutical laboratory in Indianapolis. Three employees worked under his direction, a compounder, a bottler, and a 15-year-old-apprentice, Josiah Kirby Lilly, who swept floors, washed bottles, and ran errands.

From Bottle Washer to PCP Graduate

As the business grew, Josiah Kirby’s formal education took precedence. In 1880, he left Indianapolis to attend Philadelphia College of Pharmacy and graduated with honors in 1882 with the graduate in pharmacy (PhG) degree. Some 50 years later, he reminisced about his college days:

“We sat at the feet of three of the greatest men who ever graced the profession of pharmacy in the United States, bar none. They were John M. Maisch, Joseph P. Remington, and Samuel P. Sadler, a wonderful trinity. They not only taught pharmacy, materia medica, chemistry, and physics, but they taught something even greater—they taught us to have a respect for our vocation, to have ambition and love for the work, to use our best endeavors to be a credit to our profession.”

Josiah Kirby Lilly PhG’1882

The 1880s were pivotal years for both the Lilly family business and PCP. In 1881, Colonel Lilly incorporated his company, issued its first stock, and moved Eli Lilly and Company to larger manufacturing facilities on McCarty Street, where the business stands to this day.

At PCP, the two-year curriculum changed to a graded junior and senior course, and the college nearly doubled in size with the opening of a new four-story laboratory annex in 1881. That same year, PCP graduated its largest class to date, 140 in all.

When the colonel died in 1898, J.K. Lilly succeeded his father to the presidency. By this time, the business had grown from regional significance to national importance.

Following in the Family Footsteps

Eli Lilly II, the colonel’s grandson, followed in his father’s footsteps and took over supervision of the company’s research laboratories. His son Eli was born in 1885.

During the last decade of his father’s life, as the colonel campaigned for civic improvements in Indianapolis, J.K. Lilly gradually assumed stewardship of the company.
graduating from Philadelphia College of Pharmacy with a pharmaceutical chemistry (PC) degree.

Professor Maisch had died by the time Eli Lilly arrived on campus but professors Remington and Sadtler were still going strong. The curriculum now lasted three years and, although the college still occupied the northeast corner of Tenth and Cherry Streets, additional expansion in 1892 ranked PCP as the world’s largest pharmacy college.

PCP* moved to its present address in 1928 where the Remington Memorial Laboratories were established by J.K. and Eli Lilly in 1936, “in affectionate remembrance of a distinguished pharmacist, an inspiring teacher, and a trusted friend.” The Remington Laboratories still exist today as manufacturing laboratories inside Griffith Hall.

With the onset of the Great Depression in the 1930s, most American industries laid off workers. In the midst of prolonged economic uncertainty, J.K. Lilly announced that there would be neither firings nor wage cuts at his company.

Supporting Their Alma Mater

In the words of ARTHUR OSOL, college president from 1963 to 1974, “It is not outside the realm of possibility that if it were not for ‘Mr. Eli’ there might not be a PCPS today. We survived difficult times because of Lilly support.”

Osol knew these dangers firsthand as a faculty member during those troubled times. Much of the support that the college received came in the form of grants from the Lilly Endowment, Inc. Upon J.K. Lilly’s retirement in 1932, Eli Lilly became company president. Five years later, under Mr. Eli’s leadership, the Lilly Endowment, Inc., established itself as a private family foundation, in support of religious, educational, and community organizations nationwide.

From the inception of the Lilly Endowment, Inc., annual grants had been provided to Philadelphia College of Pharmacy and Science. PCPS also received additional gifts directly from J.K. Lilly and his son Eli. One of the largest gifts in the college’s history came in 1953, dedicated by Eli Lilly in memory of his father. Today, income from the J.K. Lilly Memorial Endowment continues to support the University.

Throughout their lives, numerous honors were bestowed upon the two men. Both father and son have served as honorary presidents of the American Pharmaceutical Association, in 1934 and 1953, respectively. Both father and son have also received pharmacy’s highest honor, the Remington Medal, in 1942 and 1958, respectively. Closer to home, J.K. Lilly became honorary president of the PCPS Alumni Association in 1933, while Eli Lilly received the Annual Alumni Award in 1955.

Eli Lilly received his first honorary degree in 1935, a master in pharmacy, from his alma mater. Others would follow from a variety of institutions but most memorable of all was the honorary doctor in science that he received in 1965 as part of the PCPS Alumni Association centennial. When notified of the award, Eli Lilly sent an acceptance letter to President Osol stating his intention to travel to Philadelphia for the ceremony. A few weeks later, he wrote to Osol again, to explain his second thoughts:

Several years ago, due to advancing age... I had vowed never to accept another honorary degree. It was only when the Old College came along with another honor that my determination was lost. This I now find to be a mistake. I am eighty (and the difficulty of the trip) is beginning to look worse and worse...I ask you to excuse me from the proposed functions...with the knowledge that my feeling and appreciation for the College and its personnel, present and past, has been, and always will be, of the highest order. It is hard thus to admit that Old Father Time is getting me down.

Osol responded by organizing an Indianapolis Convocation to present the degree to Eli Lilly. The PCPS delegation included Board Chairman Frederick Hufnagel, President

Sidney Taurel, Eli Lilly and Company chairman of the board and chief executive officer, recalled the achievements of two exemplary men via a prerecorded message.

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Arthur Osol, Dean LINWOOD TICE, Trustee A. Lee Caldwell, and Trustee ROBERT LINCOLN MCNEIL, Jr., P’38, HonDSc’70, alumnus and scion of another well-known pharmaceutical manufacturing family. The convocation, unique in the history of the college, as the first to be held outside Philadelphia, required the appro-
priation of the Lilly Company’s science building and its conversion to a “temporary premises of the college.” The event was staged on May 11, 1965, in full academic regalia before an assembly of Lilly Company officials and employees who had graduated from PCPS.

Working Behind the Scenes

Much of the Lilly Legacy at PCP works behind the scenes in support of today’s University. When Eli Lilly learned of the plans to build the J.W. England Library in 1973, he arranged for the delivery of a grant from Lilly Endowment, Inc., to help cover construction costs. The college acknowledged the gift by installing a bronze plaque on the first floor of the library, “In grateful appreciation to Dr. Eli Lilly, Class of 1907, and Lilly Endowment, Inc., for substantial grants not only for the construction of this

One of the largest gifts in PCP’s history came in 1953, dedicated by Eli Lilly in memory of his father, J.K. Lilly.

library but also for continuing support of the academic programs of this College.”

Eli Lilly died on January 24, 1977. In his will, he made a bequest to his alma mater. PCP has received subsequent grants from the company’s charitable arm, the Eli Lilly and Company Foundation.

The Lilly Legacy at USP Continues Today

In acknowledgement of the special relationship between USP and Eli Lilly and Company, there are two contemporary programs.

The Eli Lilly Memorial Scholarship was announced in 1980 as a tribute to our honored alumnus and benefactor. One full scholarship is offered annually to an incom-

In addition, the Eli Lilly and Company Internship Program offers the unique opportunity to spend a summer in Indianapolis gaining firsthand work experience at one of the world’s leading pharmaceutical companies.

Speaking on behalf of Eli Lilly and Company, in a sentiment shared by the USP community, Sidney Taurel aptly stated: “The legacy entrusted to us gives us a tremendous sense of responsibility but also great inspiration to carry on the values and achievements of these great men.”

* Note: In June 1920, Philadelphia College of Pharmacy became Philadelphia College of Pharmacy and Science (PCPS). The earlier name returned in July 1998 within the framework of the newly established University of the Sciences in Philadelphia.

At the Philadelphia celebration, John Poulin, manager, public relations, for Eli Lilly and Company, shared his thoughts on the occasion.

Lilly contributions are visible all over campus, including the Lilly-Costello collection of rare apothecary jars and mortars and the bronze statue of Abraham Lincoln (above). The statue is one of three originals, made by Daniel Chester French, the famous sculptor of the Lincoln Memorial in Washington, D.C. Virtually every student who has attended the college since 1928 has seen this gift from J.K. Lilly and has observed the tradition of rubbing President Lincoln’s right foot for good luck.
USP Launches Mayes College of Healthcare Business and Policy

With the aim of meeting the critical needs of the nation’s healthcare future, University of the Sciences in Philadelphia’s board of trustees approved the launch of a new college—the Mayes College of Healthcare Business and Policy—on September 20. The new college—USP’s fifth—will focus on preparing professionals to function in environments where legislative, regulatory, commercial, clinical and technological, and healthcare business issues converge.

The Mayes College of Healthcare Business and Policy will offer undergraduate and graduate students a unique integrated academic experience that will meet the evolving business, policy, and healthcare needs of the nation. Students in the new college will benefit from the region’s rich life sciences economy, including the extensive network of healthcare, regulatory, pharmaceutical, and biotech industries.

“Graduates of the Mayes College of Healthcare Business and Policy will be uniquely prepared to address the complexities of healthcare business and policy in an industry that is rapidly changing and growing,” said USP President PHILIP P. GERBINO P’69, PharmD’70. “Our research shows that the industry must have healthcare professionals who possess specific competencies and leadership skills in order to be effective. We expect that graduates of this college will be the innovators who will reshape the healthcare environment for the future.”

When the new college was approved, over 315 students and nearly 25 faculty and staff from existing undergraduate and graduate programs were placed under the new college. These included established programs such as the MBA in pharmaceutical business, MS and PhD in health policy, MPH in public health, MS in biomedical writing, and BS in pharmaceutical marketing and management. The combination of these and other programs will enable the University to offer its students unique dual-degree programs.

The new college is named for alumna and entrepreneur KATE MAYES who earned her BS in Pharmacy in 1976 and her PharmD in 1978. Dr. Mayes, who parlayed her USP education into a successful business career, epitomizes the caliber of graduate that the new college aims to produce. Dr. Mayes founded and was president of Applied Clinical Communications, Inc., of Parsippany, N.J., from 1991 to 2000. The company operated as a pharmaceutical consultancy specializing in medical education. In January 2000, she sold the company to UnitedHealth Group of Minnesota. Dr. Mayes, who started her career as a clinical pharmacist at Children’s Hospital of Philadelphia, also served as medical director for Sieber & McIntyre and as executive vice president, medical director, and managing partner at Integrated Communications Corp. She has served on USP’s board of trustees since July 2004. Dr. Mayes resides in Coral Gables, Fla., with her husband, Jim, who was treasurer of Applied Clinical Communications, Inc. Dr. Mayes is an accomplished sailor and sports enthusiast.

“A message that we often hear from the corporate world is, ‘We wish graduates had a little more business savvy when they came to us.’ This is an opportunity to put those kinds of programs to better prepare students for the careers they choose.”

JOHN PORTER, PhD, PROFESSOR OF BIOLOGICAL SCIENCES AND PRESIDENT OF USP’S FACULTY COUNCIL

About Kate Mayes P’76, PharmD’78

The Mayes College of Healthcare Business and Policy is named for USP alumna and entrepreneur Dr. KATE MAYES who earned her BS in Pharmacy in 1976 and her PharmD in 1978. Dr. Mayes, who parlayed her USP education into a successful business career, epitomizes the caliber of graduate that the new college aims to produce. Dr. Mayes founded and was president of Applied Clinical Communications, Inc., of Parsippany, N.J., from 1991 to 2000. The company operated as a pharmaceutical consultancy specializing in medical education. In January 2000, she sold the company to UnitedHealth Group of Minnesota. Dr. Mayes, who started her career as a clinical pharmacist at Children’s Hospital of Philadelphia, also served as medical director for Sieber & McIntyre and as executive vice president, medical director, and managing partner at Integrated Communications Corp. She has served on USP’s board of trustees since July 2004. Dr. Mayes resides in Coral Gables, Fla., with her husband, Jim, who was treasurer of Applied Clinical Communications, Inc. Dr. Mayes is an accomplished sailor and sports enthusiast.

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A former Fortune 100 senior executive, WILLIAM L. ASHTON, MEd, was named the interim dean of the Mayes College of Healthcare Business and Policy on October 15.

“Bill has a proven track record of leadership in the healthcare industry. He is an ideal choice for guiding the establishment and growth of the Mayes College of Healthcare Business and Policy,” Provost M. GARY SAYED, PhD, said. “Bill played a pivotal role in the early planning stages of the college and is well informed of the Mayes College’s founding goals and objectives.”

Ashton, who joined USP in 2005 as an assistant professor in the pharmaceutical marketing and management program, is a former Fortune 100 senior executive with 28 years’ experience in pharmaceutical and biotechnology management. He most recently served as vice president of commercial affairs & reimbursement at Amgen Inc. (Thousand Oaks, California) from 2003 to 2005. At Amgen, he was responsible for strategy development and plan-of-action execution for key government agencies, including Centers for Medicare and Medicaid Services, Office of the Inspector General, Government Accountability Office, Office of Management and Budget, and MedPAC. He holds a master’s in education from University of Pittsburgh.

Ashton Named Interim Dean for Mayes College

“USP develops healthcare professionals in many different professions, in allied professions as well as in pharmacy,” said Mayes. “The university is leveraging what it does best to meet a crucial need. It is critical that we have strong policies and effective healthcare business-trained professionals to take care of our aging population.”

With the over-65 population nearly tripling in the next two decades, new demands will be placed on an already challenged healthcare system. “Knowing that the Baby Boomer generation is expected to live longer and have more complex medical conditions, USP recognizes the need for a higher caliber of healthcare professional,” said USP Provost M. GARY SAYED, PhD. “We are uniquely positioned to educate the next generation of healthcare professionals who will be faced with a diverse and complicated range of challenges.”

The new college represents another milestone for USP, whose mission and focus is on science and healthcare education. As the nation’s first college of pharmacy, and for more than 185 years, the university has contributed to drug discovery and development, as well as the delivery of healthcare innovations. Its biomedical writing program, for example, is the first and only program of its kind in the nation. Ninety-two percent of its alumni are working in pharmacy, pharmaceutical and biotechnology industries, and healthcare professions and business areas. This network of closely knit professionals has impacted healthcare from a number of important aspects.

Since 2001, the growth of the job market in the healthcare sector has continued to increase steadily. A Business Week Online article from September of last year stated that 1.7 million new jobs have been added to this sector, which includes related industries such as pharmaceuticals and health insurance.

In addition to the academic programs, the Mayes College of Healthcare Business and Policy will house USP’s existing Health Policy Institute and Advanced Concepts Institute. The college will also launch a Leadership Institute with a global healthcare reach in 2008. [SP]
A Guiding Hand
PT and OT Mark Anniversaries Thanks to Dr. Kevin Cody

By Thomas W. Durso

“The college then was, and still is, primarily pharmacy,” Cody noted. “So the idea was to increase academic diversity.”

The PT and OT programs' growth and success have helped the former PCPS continue its transition to a comprehensive university in the basic and health sciences.

“Both programs, as well as the pre-physician assistant program, the bachelor’s degree in health science and the new fitness and health management program work in sync with each other,” said RUTH L. SCHEMM, EdD, OTR/L, acting director of the MPH program and professor in the Department of Health Policy and Public Health. Schemm was formerly dean of the College of Health Sciences and professor of occupational therapy. “They are all focused on helping students become more responsible about their learning experience and more understanding of community-based practice.”

In the late 1970s, G. VICTOR ROSSI P’51, MS’52, PhD, at the time associate dean of graduate studies at what was then Philadelphia College of Pharmacy and Science, was asked to head an effort to develop new academic programming. The college decided to launch a physical therapy major, and as Rossi began canvassing Philadelphia’s PT community for leadership suggestions, one name continued to pop up.

“All leads pointed in the direction of Dr. Kevin Cody, who directed the graduate program in PT at Temple University,” said Rossi. “He had all of the credentials, the clinical practice and academic experience, and the enthusiasm and outgoing nature needed to build a program from the bottom up.”

Thanks to Cody’s early leadership, the PT program is celebrating its 25th anniversary; the occupational therapy program, which he got off the ground just before retiring, is marking the first decade of its professional program.

At the PT 25-year anniversary celebration, USP President PHILIP P. GERBINO P’69, PharmD’70 surprised Dr. Kevin Cody (center) with an award honoring his service to the University. G. VICTOR ROSSI P’51, MS’52, PhD (left) is credited with hiring Dr. Cody from Temple University.

MARC CAMPOLO, PhD, chair and associate professor, Department of Physical Therapy.
Evolving with the times and keeping up with trends in the field have helped the programs succeed. As both programs continue to mature, the future job forecast paints a rosy picture. According to the U.S. Bureau of Labor Statistics, the two fields should be among the country’s fastest-growing over the next decade, with the number of physical therapists expected to increase by nearly 37 percent and the number of occupational therapists by more than 33 percent.

Also keeping them relevant and thriving, according to Schemm, has been their use of such disciplines as history, culture, communication, and the arts as teaching tools. This has helped students realize that delivering health services is not merely a clinical activity.

“There is a teaching component and a healing component in delivering service, and you need to skillfully and efficiently figure out ways to communicate with people,” she observed. “If you understand more about the complexities of how culture affects illness and behavior, it allows you to think about your role as a healer from a very different vantage point.”

Though he retired nine years ago, Cody remains the seminal figure for the PT and OT programs, the one person to whom all parties point as being primarily responsible for fostering the success they have enjoyed.

“These are programs that really grew under his guidance to become recognized for graduating very strong, clinically oriented physical and occupational therapists,” Wainwright said. “Thanks to him, we’ve been able to stay true to the educational mission of our programs while fulfilling the responsibilities of our professional associations.”

And to think that it almost didn’t happen.

“Kevin was reluctant to leave a well-established program at a major university to risk a new venture at a small school known primarily for its tradition of pharmacy education. But it was clear that Kevin was the individual we were looking for.”

G. VICTOR ROSSI P’51, MS’52, PhD
FIRST PERSON

Studying Healthcare in the Land of the Rising Sun

No textbook or lecture can replace firsthand knowledge and experience. For 12 USP graduate students from the departments of Pharmaceutical and Healthcare Business, and Health Policy and Public Health, a trip to Japan presented an opportunity to learn about the Japanese healthcare system from key executives and influencers. The students, accompanied by Bruce Rosenthal, MBA, director of the graduate programs in pharmaceutical business, and Robert Field, JD, MPH, PhD, chair of the Department of Health Policy and Public Health, made the trip in July 2007 to supplement their studies in their international pharmaceutical business and health policy classes. Another trip is planned for 2008. Here are some excerpted reflections by Rosenthal and several of the students.

Bruce Rosenthal, MBA, Director, Assistant Professor, Pharmaceutical and Healthcare Business

“Our students had the opportunity to meet with top executives in the pharmaceutical industry in both marketing and research, as well as representatives of every major pharma company in Japan, top people within the JPMA (Japan’s PhRMA), representatives from the PMDA (the Japanese FDA), and physicians and pharmacists in some of the most prestigious hospitals in that nation. In other words, throughout the trip, students were able to meet with the people intimately involved in changing the environment of the pharmaceutical and healthcare field in Japan.

“Japan is the second largest pharmaceutical market in the world, and the Japanese are in the midst of dramatic changes as they try to meet the needs of a rapidly aging society and the 21st century global information-driven markets. In addition to learning about some of these challenges and changes, the students were able to encounter one of the most fascinating cultures on Earth.”

Christina Richardson, MBA’07

“We visited pharmaceutical companies such as Eisai, Daiichi Sankyo, AstraZeneca, and Wyeth and also received presentations by some of the top executives within those companies. We had the opportunity to ask an unlimited number of questions about the companies, the Japanese healthcare system, Japanese drug regulations, etc.”

Irene Yarovslavsky, PhD’08

“It is one thing to read about the Japanese healthcare industry out of the textbook and another thing to experience and hear about it from the people who have played an integral part in the processes. The flow of knowledge was not only one way. The Japanese are just as interested in our healthcare system as we are in theirs.

“The topics discussed during our sessions included the strategic plans of the PMDA for more efficient drug development, universal drug development for a global environment, financing of long-term care, University hospital management, private hospital arrangements, the future of pharmacists in Japan, and many more.”

Vylynh Vo, MBA’09

“The highlight of the trip involved our meeting with Dr. Kato, the president of AstraZeneca in Japan. He not only sat down with us for over an hour to discuss in detail the future of Japan’s pharmaceutical industry but also generously volunteered his time to entertain questions.

“Going to Japan was an eye-opening experience for me. Not only was the information I learned significant to completing an MBA in pharmaceutical and healthcare business, but from a cultural perspective, Japan was simply fascinating.”
USP’s History Detective/History Professor Uncovers Artist’s Treasure

BY LESLIE FELDMAN

Taking his seat at the world-renowned Sotheby’s in New York this past June, ROY R. ROBSON, PhD, was hoping that the sale of a rare book collection “would go reasonably well.” He had no idea that two buyers at Sotheby’s would pay a combined $66,000 for the books, a sum much higher than anticipated. The sale was just one part of a historical treasure hunt he completed for a small Russian Orthodox community in southern New Jersey. Now, after months of hard work that included a trip to the Vatican, Dr. Robson could feel a sense of accomplishment.

It all began in September 2006, when Dr. Robson, who teaches Intellectual Heritage and European History, was approached by members of the Old Believers to help with cataloging an estate collection they had. Old Believers pattern their worship on the most traditional rituals of the Russian Orthodox Church. They asked him to help preserve a collection of books and art belonging to Pimen Sofronov, an influential Russian artist from southern New Jersey.

The congregation was eager to protect Sofronov’s artifacts and asked Dr. Robson to help appraise the library and art collection that belonged to the artist’s estate. Sofronov (1898–1973) had left all of this to the community when he died, and it had been largely untouched for more than three decades.

Sofronov was the most influential iconographer of the Russian emigration. During his long career, he worked in Estonia, Latvia, Yugoslavia, Czechoslovakia, France, Italy, and the United States. His patrons included Old Believer communities, the Serbian royal family, the Serbian Orthodox Church, Pope Pius XI, the Icon Society of Paris, and many others. Over the course of his life, Sofronov amassed a large library devoted to the Old Belief, including history, art, and iconography.

“The more I researched Sofronov, the more interested I became in his work,” Dr. Robson said. “I began to study him in even greater detail.”

A portrait of Pimen Sofronov dated “Roma 1941.”

Titled Large Icon of Christ in Glory, this painting is a sample of Sofronov’s later work.
Dr. Robson helped to painstakingly sort through over a thousand books and dozens of paintings at the Sofronov estate. His efforts eventually paid off as Dr. Robson helped to sell nearly the entire library collection to Ohio State University for $22,000 in December 2006.

“As the money is being used to help maintain the cemetery belonging to the southern New Jersey Russian community where Sofronov lived for most of his life,” Dr. Robson explained.

But Dr. Robson’s work wasn’t finished. There were six books remaining from the Sofronov library that hadn’t yet to be sold. He began investigating their worth through various sources and was surprised to learn that the value of the books was higher than anyone thought. The Sotheby’s auction validated their worth.

At about the same time the Sotheby’s auction unfolded, Robson also found a Russian art auction house in London where several pieces of Sofronov’s highly valued art collection sold for $56,000. The remaining artwork will go up for auction next year. Once again, all proceeds will be used to help maintain the community cemetery.

Dr. Robson, who has spoken in the U.S. and across Europe on topics pertaining to the history and modern times of Russia, appreciates the opportunity to support the Old Believers. “The community in southern New Jersey is quite pleased at the outcome of this project,” he said. “They are delighted to know the items will be preserved.”

A faculty member at USP since 1997, Dr. Robson received funding through USP to spend time in Rome visiting the Vatican to learn about Sofronov. What he learned in his investigation has translated to lessons for his students.

“Through my experience with the community in New Jersey and my visit to Rome, I was able to integrate what I learned into my coursework at USP,” Robson explained. “My students were able to hear about Russian history firsthand. They experienced real history through my experiences and not just from the textbooks.”

He added that the connection between USP and the estate of Sofronov gives the University a much different reputation. “We think of the school only for science studies, but there is so much more being taught at our University.”

Robson’s involvement with Sofronov is not over. In November, he’ll be presenting the James Cunningham Memorial Lecture at the University of Minnesota, discussing Sofronov’s life and work. USP
“You’re going to hear a recurring theme about the path my life has taken,” said Janet Wolfe BS’85, MS, PhD, “and that is how important my husband and my kids are to me. I am constantly striving to ensure my life, our life, is balanced.” It may not sound politically correct, but Wolfe doesn’t seem to care. And why should she? She’s a successful businesswoman, the owner of a growing pharmaceutical development company.

While a chemistry major at what was then PCPS, a macroeconomics course awakened in Janet a desire to go into business. Her plan was to attend Wharton, but her engagement to Michael Wolfe BS’84, MS, PhD, complicated things. Mike was already doing graduate work at the University of Kansas (KU). PCPS friends told Janet that KU had one of the best pharmaceutical chemistry programs in the world, emphasizing that pharmaceutical chemistry was the practical application of chemistry. Being a pragmatic person, that appealed to her.

Both Wolfes were awarded fellowships at the National Institutes of Health after earning their PhDs. As their time at the NIH drew to a close, Janet looked for a job in industry while Mike pursued one in academia. They got no offers near one another, and so both opened themselves up to work in either field. They ended up in academia, serving as assistant professors at the University of Tennessee; Janet in pharmaceutical sciences, Mike in medicinal chemistry. They put together research programs, together and separately.

“In hindsight,” said Janet, “it was the best job I could have had starting off. I had to raise funding, hire people—basically, form my own entrepreneurial operation.”

When Mike moved to Harvard, Janet could have gone into industry, but now she was used to running her own show. So in 1999, she began to do consulting and contract research, working part-time to accommodate her children’s school schedules. Two years in, she narrowed her focus to contract research. Janet’s first employee started on September 10, 2001, and the horrific events of the following day made it a difficult time to grow a business. But business at Wolfe Labs took off, and today the private company employs 30 people.

Janet credits her business success to “a focused commitment to excellence and responsiveness.” Providing pharmaceutical R&D in the areas of analytical development, formulation, and bioanalytical support, Wolfe Labs has gained most of its business through referrals. “When you do a good job, people come back and tell others. We’re not just a pair of hands; we’re paid to bring our minds and creativity to the table,” said Janet. “Our service is totally customized.”

Juggling two intense careers with a family life requires focus, but with putting themselves through college and having children during grad school, the Wolfes learned focus early on. “USP trained me for excellence,” said Janet. “I’ve learned to focus on what I’m doing right now.” And right now that includes being a wife, a mother, and an entrepreneur.
An Unbiased Approach to “Unselling” Drugs
Kristin Nocco P’91, MBA

BY CAROL R. COOL

KRISTIN NOCCO P’91, MBA, spent 11 years selling drugs for the pharmaceutical industry. Now, some say, she is “unselling” them.

Nocco spent six years working as a sales representative and sales specialist for Eli Lilly and Company, including establishing a new oncology category with the launch of Gemzar for pancreatic cancer. In 1998, she went to work for The Hal Lewis Group, an advertising agency specializing in pharmaceutical products.

And then she left. “I loved my job,” Nocco said. “But it got to the point where I couldn’t do everything effectively—I have two kids—so I quit my job.” Nocco didn’t stay out of the workforce for long, thanks to a bit of serendipity involving her husband, USP alumnus SEAN HENNESSY PharmD’90, PhD, an assistant professor of epidemiology and pharmacology at University of Pennsylvania School of Medicine, who researches drug safety.

A colleague of Hennessy’s at Harvard asked him if he knew of any pharmacists in Pennsylvania interested in calling on doctors as part of a four-month National Institutes of Health-funded pilot program. Hennessy did know a pharmacist—in fact, he was married to one—and Nocco was soon back to work.

That four-month program later resulted in Harvard receiving three years of funding for a Pennsylvania program to send “academic detailers” to visit doctors and provide unbiased research findings on often-prescribed drugs. Nocco was asked to work with the newly formed Independent Drug Information Service (iDiS). Her Philadelphia/Allentown territory is ideal for her, as are the part-time hours.

The iDiS is sponsored by the Pharmaceutical Assistance Contract for the Elderly (PACE), part of Pennsylvania’s Department of Aging. Every four months, Nocco and her associates present to physicians a new topic that impacts senior health, usually in 20-minute appointments.

Harvard issues a monograph of the topic, with extensive evidence and references, and a summary brochure that usually runs four to eight pages. Patient information materials and reference cards are also provided to help physicians combat their patients’ requests for the latest prescription medication they saw advertised on TV. All of the materials for previously covered topics are available for download on the iDiS website: www.rfacts.org. Physicians can earn CME credit for reviewing the materials after the presentation and completing the post-test.

Nocco believes doctors value the interaction with a knowledgeable pharmacist and appreciate unbiased information about the best therapies. Sometimes that “best therapy” is the blockbuster drug on the market, but often it is a generic drug. “Once a drug goes generic, no one is pushing it,” said Nocco, “and yet that drug may be the cornerstone of treatment, like promoting thiazides and/or ACE inhibitors for hypertension.”

To get a foot in the door, Nocco applies the skills she learned from pledging a fraternity at USP, Kappa Epsilon, a pharmacy-student fraternity for women. “I learned a lot about myself and others through the experience,” she said. “I learned how to make connections and get along with people. And I’ve come to realize it opens doors with people who joined other fraternities.”

That knowledge pays off. Nocco gets appointments. She shares information. And she leaves knowing she is helping seniors get the treatment they need, even if she is sometimes “unselling” the drugs they’re more familiar with.
Full-Time Faculty Appointments

1. JENNIFER ANTHONY, PhD, Assistant Professor, Department of Biological Sciences
2. LISA T. HOGlund, BS, PT, OCS, CertMDT, Assistant Professor, Department of Physical Therapy
3. AMY JESSOP, PhD, MPH, Assistant Professor, Department of Health Policy and Public Health
4. JOMY M. JOSEPH, PharmD, Assistant Professor of Clinical Pharmacy, Department of Pharmacy Practice and Pharmacy Administration
5. CHARLES J. MYERS, MA, MLS, Associate Professor and Chair, Department of Information Science, Director of Library and Information Services
6. CHARALAMPOS (BABIS) PAPACHRISTOV, PhD, Assistant Professor of Statistics, Department of Mathematics, Physics, and Statistics
7. DEIRDRE PETTIPiece, MA, PhD, Associate Professor of English, Director of the Writing Program, Department of Humanities
8. JENNIFER S. PITONYAK, MS, OTR/L, Assistant Professor, Department of Occupational Therapy
9. MICHELLE RAMIREZ, PhD, MPH, Assistant Professor of Anthropology, Department of Social Sciences
10. ALEXANDER SIDORENKO, PhD, Assistant Professor of Chemistry, Department of Chemistry and Biochemistry
11. CRAIG WHITMAN, PharmD Assistant, Professor of Clinical Pharmacy, Department of Pharmacy Practice and Pharmacy Administration
12. DONALD L. ZIMMERMAN, PhD, Associate Professor and Director of the Online MBA Program, Department of Pharmaceutical and Healthcare Business

NOT PICTURED:
CARLOS MORENO, BA, MS, Assistant Professor, Department of Occupational Therapy
KIM NIXON-CAVE, MS Associate Professor of Physical Therapy, Department of Physical Therapy
KARIN RICHARDS, MS, Instructor in Fitness and Health Management, College of Health Sciences

Faculty Promotions

BARBARA BENDL, MA, from Instructor to Lecturer of Mathematics, Department of Mathematics, Physics, and Statistics
PING CUNLIFFE, MS, from Instructor to Lecturer of Physics, Department of Mathematics, Physics, and Statistics
MIRIAM DIAZ-GILBERT, MEd, from Instructor to Lecturer of English, Department of Humanities
MICHAEL DOCKRAY, MA, from Instructor to Lecturer of English, Department of Humanities
ROBERT FIELD, PhD, from Associate to Professor of Health Policy, Department of Health Policy and Public Health
AMY KIMCHUK, MA, from Instructor to Lecturer of Mathematics, Department of Mathematics, Physics, and Statistics
ROBERT MANBECK, MA, from Assistant Professor to Distinguished Assistant Professor of English, Department of Humanities
JEANETTE MCVEIGH, MS, from Assistant to Associate Professor of Information Science, Department of Information Science
ROY ROBSON, PhD, from Associate Professor to Professor of History, Department of Humanities
DAVID TRAXEL, PhD, from Associate Professor to Professor of History, Department of Humanities
VIVIAN VALDMANIS, PhD, from Associate Professor to Professor of Health Policy, Department of Health Policy and Public Health
LIA VAS, PhD, from Assistant to Associate Professor of Mathematics, Department of Mathematics, Physics, and Statistics
Tribute to Margaret Mary (Peg) Culin

Margaret Mary (Peg) Culin died on May 31, 2007. To all who knew Peg, it was clear that her family was the light of her life. In addition to her brother and sister and their spouses, she had 12 nieces and nephews, 32 great-nieces and -nephews, and one great-great-niece. Two of her nieces, Regina Brennan Donato MT’72 and Mary Culin Milano P’82, are graduates.

Peg’s devotion to her family and friends was evident in many ways. Although she experienced continuing health challenges over a period of many years, she would never forget a birthday or other special occasion. A visit to her apartment just before Christmas would give the impression that you had arrived at Santa Claus’ workshop, such was the number of gifts that were so lovingly and carefully wrapped for her family and friends.

Peg worked at PCP/USP from 1951 until her retirement in 1992. Her entire experience at the University was in the Office of the Dean, primarily in the positions of administrative assistant and director of pharmacy student advising. She was a valued colleague and friend for each of the deans with whom she served, and a friend and advocate for thousands of students. Her University friends and students were her extended family, and during her service at the University, she came to personally know more students than any other faculty or staff member.

Peg’s fine personal qualities were very much appreciated by all who knew her. She demonstrated love and compassion and was a source of encouragement and strong support. In addition, she had exceptional administrative skills, and her writing and editing skills were highly valued by the deans.

Those of us who had the privilege of knowing Peg are better people as a result of our friendship and the opportunity to learn from the very positive example she provided.

Contributions to honor Peg may be made to the Spina Bifida Coalition of the Tri-State Region, 84 Park Avenue, Flemington, NJ 08822.

Daniel A. Hussar, P’62, MS’64, PhD’67
Remington Professor of Pharmacy

Advanced Concepts Institute Gains New Partnerships

A new publisher for the 22nd edition of Remington: The Science and Practice of Pharmacy and a relationship to develop a library of evidence-based guidelines are two of the recent announcements by USP’s Advanced Concepts Institute (ACI).

In August, ACI and Ascend Media Healthcare reached agreement on the publication of the next Remington. The relationship will allow for content to be delivered in a more timely and accessible fashion and will allow for the content to be key word searchable. The relationship allows USP to capitalize on Ascend’s broad access in the pharmacy market to better reach students, educators, and professional sectors. Ascend is the publisher of Pharmacy Times and The American Journal of Managed Care.

An agreement with Sanovia Corporation in June lays the groundwork for ACI to assist in the development of a library of evidence-based guidelines for the appropriate use of high-cost pharmaceuticals and biotech products. These guidelines are then reviewed and approved by a Clinical Excellence Council consisting of physician and pharmacist experts. Sanovia will use the approved library of guidelines and criteria for the benefit of its clients to improve patient health outcomes while also potentially lowering costs.

ACI was founded to build and grow USP’s partnerships with healthcare organizations. ACI provides customized solutions through various services including health outcomes research, interventional demonstration projects, formulary support, customized professional education and training, and publication initiatives.

Work on McNeil STC and 4140 Woodland Ave. Garner Honors

Two of the key contractors for USP’s McNeil Science and Technology Center and the 4140 Woodland Avenue building were honored as 2007 Interior Finish Contractors Association (IFCA) Finish First Award winners. Frank T. Lutter, Inc., won two awards for the McNeil STC. The first was for millwork craftsmanship and the second for the atrium’s acoustical ceiling tile installation. Peter Bradley Construction received the Exterior Insulation Finish Systems award for 4140 Woodland Avenue for the creation of the arches on the side of the building.
Convocation Jump Starts New School Year

For the nearly 600 new USP students, Friday, August 24, marked an annual right of passage: college move-in day. The University received the new students as part of its “Adventure USP: Explore. Experience. Excel.” program and the start of Welcome Week.

But before all of their boxes could be unpacked, the new students and their parents, along with faculty and staff, assembled in the Athletic/Recreation Center (ARC) for a pomp-and-circumstance-filled fifth annual convocation ceremony.

While the day was rife with mixed emotions of parents sending their children to college, the tremendous professional and social responsibility that each student has before them was underlined by the day’s keynote speaker. It was hard to find a dry eye in the ARC when Liz Scott, vice president of development for the Alex’s Lemonade Stand Foundation, finished her convocation address aimed at the students.

Scott spoke on the importance of giving back and how their careers in the health sciences can have a positive influence on people and society. She spoke to the legacy of her late daughter, Alexandra Scott, who founded Alex’s Lemonade Stand and succumbed to cancer in 2004 at the age of 8.

To [Alex], helping others and trying to make a difference was the right thing to do. She was a great example for me and everyone on leadership and service,” said Scott, who has become a recognized advocate for childhood cancer research and the Alex’s Lemonade Stand Foundation. “Her life is really a beautiful example for all of you here today as to why your chosen fields of study will change lives and touch families in ways that you will never imagine and probably never know.”

The incoming classes of 2011, 2012, and 2013 represent a diverse group from 46 states and numerous countries.

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Grania Maggio PT’94 Study Abroad Memorial Fund

The University’s Study Abroad Fund was officially dedicated in memory of GRANIA MAGGIO PT’94 on September 20, 2007. Maggio studied physical therapy at USP and pioneered her own curriculum to include a semester abroad in Ireland. USP’s Study Abroad Program provides USP students with the new opportunity to study at New York University campuses in Asia, Africa, and Europe for a semester or a year. The fund was endowed through the generosity of MARVIN SAMSON, vice chairman of the USP board of trustees, to assist students with travel expenses and other associated costs.

USP Dedicates Parenti Plaza

Parenti Plaza, located outside the McNeil Science and Technology Center, was dedicated on September 20, 2007, to honor Ottavio and Norma Parenti, parents of MARY A. PARENTI P’85, PharmD’87 and LOLA PARENTI KENYON P’90. The naming was made possible through the generosity of Dr. Mary A. Parenti.

Dr. Hussar’s The Pharmacist Activist available via e-mail at no charge

PCP/USP alumnus and faculty member Dr. Daniel A. Hussar is the author of an e-newsletter, The Pharmacist Activist, published by NEWS-Line Publishing, King of Prussia, Pa. First published in January 2006, the monthly e-newsletter is available free of charge via e-mail to interested pharmacists and pharmacy students.

The Pharmacist Activist reviews a new drug every month and rates it based on a comparison to older drugs that are used for the same conditions. In each issue, Dr. Hussar focuses an editorial on a topic of importance for the profession of pharmacy and/or society.

To receive The Pharmacist Activist, visit www.pharmacistactivist.com and click on subscription.

An archive of previous issues may be accessed on the website. A content index for the 2006 topics can be found in the December 2006 issue online.

The content of “The Pharmacist Activist” represents the opinions and recommendations of the author and do not represent those of the University.
USP Granted Funding in Keystone Innovation Zone Initiatives

When Pennsylvania Governor Edward G. Rendell announced the Keystone Innovation Zone (KIZ) awards on April 11, 2007, USP received funding for two initiatives with exciting potential. A grant with The Wistar Institute was tagged to develop a High Throughput Screening and Development Facility, while a grant with Thomas Jefferson University was aimed at establishing a functional Office of Technology Transfer at USP.

KIZ funded a collaborative grant between The Wistar Institute and USP for $150,000 to develop a High Throughput Screening and Development Facility. By leveraging existing programs at The Wistar Institute with USP’s expertise, the two hope to generate small molecule compounds with potential therapeutic and commercial applications. Once The Wistar Institute identifies “hits,” compounds identified for their future potential, they will be sent to USP for assessment in converting the hits into lead compounds through early-stage drug development studies. The process to identify hits could consume the first year of the process, with approximately 10 percent of them converted toward early lead compound optimization. Twenty percent of those hits, it is estimated, could result in patent positions or agreements for further drug development.

USP also received funding from a collaborative $100,000 grant with Thomas Jefferson University aimed at establishing a formal USP Office of Technology Transfer. Thomas Jefferson, which already has an established technology transfer team, will act as a mentoring partner and through this grant will help build upon a previous KIZ grant that USP received in 2006.

FACULTY BOOKS IN PRINT

What’s Science Ever Done For Us?: What The Simpsons Can Teach Us about Physics, Robots, Life, and the Universe

PAUL HALPERN, PhD, professor of mathematics and physics


What can Lisa Simpson’s intelligence teach us about genetics? What does Bart Simpson’s curiosity about the swirling of water in different hemispheres tell us about the Coriolis effect? And can Homer Simpson’s theory of a donut-shaped universe be verified by observational astronomy?

Timed with the July 27 release of the The Simpsons Movie, this book by PAUL HALPERN, PhD, professor of mathematics and physics, takes a playful and entertaining look at science on the longest-running and most popular animated TV series ever made.

Over the years, the show has examined such issues as genetic mutation, time travel, artificial intelligence, and even aliens. Guests on the show have included esteemed scientists Stephen Hawking and Stephen Jay Gould.

While sarcasm, silliness, and belly laughs reign, The Simpsons is written by a surprising (or perhaps not-so-surprising) group of academics. The science themes that repeatedly pop up in the show’s hilarious episodes reflect some of the most intriguing issues in contemporary biology, chemistry, astronomy, robotics, and physics.

In the vein of other publications that have tackled The Simpsons and philosophy, healthcare, psychology, and evolution, What’s Science Ever Done For Us? illuminates the science behind the show, what can be learned, and how the world’s most famous animated family can provoke fascinating scientific discussions along with a healthy dose of humor.
Men’s Cross Country, Women’s Tennis Teams Earn CACC Team Sportsmanship Awards

The Central Atlantic Collegiate Conference (CACC) announced that USP’s men’s cross country team and USP’s women’s tennis team were awarded the CACC Team Sportsmanship Award for 2007 in their respective sports.

The CACC Sportsmanship Award is given to the team in each sponsored conference sport that best exemplifies the spirit of athletic competition and sportsmanship. The award is voted on by the head coaches in each sport.

This marks the second consecutive year that both teams have earned the honor. Prior to this season, teams from USP have won the CACC Team Sportsmanship award a total of six times. The women’s cross country team won the award three straight times from 2001 to 2003, while the men’s baseball team earned the award in 2003. The women’s tennis team and the men’s cross country team won the award in 2006.

Devils Finish Third at CACC Men’s Cross Country Championship, Record Best Conference Finish Since 2000

The Devils’ third-place finish at the CACC Championship was their best showing since their inaugural meet at Belmont Plateau in 2000. MATT WILLARD PharmD’12 used a strong closing kick to pass three runners in the final 1,000 meters to take fourth and All-CACC honors for the second consecutive year.

Bedway Earns All-Conference Tennis Honors

Competing in the final tournament of her college career, AMANDA BEDWAY PharmD’10 reached the singles semifinals of the Central Atlantic Collegiate Conference Individual Tournament as the No. 3 seed. In doing so, she earned one of the seven spots on the CACC All-Conference Team, the first time in her four-year career she achieved that honor. Bedway finished the season with a school-record 11 wins in singles competition, against only three losses.

Aifuwa, Lentz Earn All-Conference Honors

JOY AIFUWA PharmD’10 and HAYLEY LENTZ PMM’08 earned CACC women’s cross country All-Conference honors. Aifuwa becomes the first CACC runner to earn Women’s Cross Country All-Conference honors for four straight years. Lentz earned All-CACC honors for the second time.

Klimitas Named NCAA Rifle Committee Chair

PAUL KLIMITAS, Med, associate athletic director and head rifle coach, was appointed chair of the NCAA Rifle Committee. “Coach K,” who also serves as chair of the Physical Education Department, completed his 31st season as head coach of the rifle programs at USP in 2007, tying the record for most seasons coached held by former Kings College coach Bill Kane (1946–1977). In his 31 years at the helm of the Devils, Klimitas has seen his teams win eight non-NCAA national championships and 15 Mid-Atlantic Rifle Conference Championships.
1955

ROBERT TENDLER P’55 recently qualified for fellowship in the American Society of Consultant Pharmacists. He currently works for RxCare Pharmacies as director of consult services, specializing in mental retardation and outpatient mental services. He and his wife Dawn, a nurse anesthetist, live with their dog in Southbury, CT.

1960

SAMUEL FOGEL P’60 (MS’63, Hahnemann University) remains active in research in the environmental field of bioremediation (the use of bacteria to degrade hazardous waste). He presented three papers in Baltimore in May 2007 on anaerobic, reductive dechlorination of TCE by Dehalococcoides ethenogenes.

1962

MARIO H. HIPP P’62 and Jean Barto were married on February 14, 2007, in Jerome, AZ. Their combined families consist of one son, two daughters, eight grandchildren, and two great-grandchildren. Both Mario and Jean are currently employed full-time and looking forward to retirement in the future.

1968

JOHN P. MYERS C’68 (MS’72, St. Joseph’s University) and his wife Karen recently celebrated their 20th wedding anniversary with a renewal of their marriage vows. They live in Philadelphia.

1970

JOSEPH L. FINK III P’70 (JD’73, Georgetown University) received the American Society for Pharmacy Law Award for Best Legal Research Paper at a meeting held in March 2007. Joseph is a professor of pharmacy at University of Kentucky (UK). He also aided UK student J. Brad Ashby on a proposal to establish a pharmacy merit badge for the Boy Scouts of America.

1972

HENRY T. KOZEK P’72 (CPM’91, MPA’96, Rutgers University) has retired from the New Jersey Department of Health after over 31 years of service. He has relocated to Virginia, where he works at Augusta Medical Center in Fishersville. On June 23, 2007, he conducted a seminar on regulations and long-term-care issues at the NJPhA annual meeting in New Brunswick, NJ.

1975

WILLIAM G. SCHLACHTER, JR P’75 married Tammy Harper on August 7, 2007, in a sunset ceremony held on the beach in Kona, HI. They live in Montoursville, PA. Bill is owner of BGS Consulting, a long-term-care pharmacy consulting company, and Tammy is a long-term-care LPN.

1979

KAREN (HOLT) GIUUFFRE P’79 (JD’83, Temple University) was recently promoted to senior research supervisor for reagent and product development at Immuniton Corporation, a biotechnology company in Huntingdon Valley, PA.

1984

STEVEN GROSS B’84 (MA’88, Temple University) was recently promoted to senior research supervisor for reagent and product development at Immuniton Corporation, a biotechnology company in Huntingdon Valley, PA.

1986

S. RUTHERFORD ROSE PharmD’86 was recently promoted to professor of emergency medicine at Virginia Commonwealth University. He is director of the Virginia Poison Control Center and has practiced clinical toxicology since completing a fellowship in 1988.

1989

A group of MPT alumni from the Class of ’89 vacationed together in Hilton Head, SC, in April 2007. Present were MARIA A. DITULLIO, DANA (MCALLISTER) MATKOVIC, STEPHANIE (KINGREE) DELACROCE, ELAINE S. ANDERSON, LISA (WILCEK) DIGIORGIO, MICHELE (NOLAN) HESS, DIANE (HARABURDA) GEORGETTI, ROBIN (LEHR) MINO, and CAROL (MCINTOSH) MURMELLO.

1991

PETER P. Cymbalski P’91 and his wife Robin recently celebrated their 10th wedding anniversary in Florida. They are the proud parents of Lindsay (9), Piety (8), Christian (5), and Julian (1). Pete is senior director of pharmacy at Express Scripts, where he has worked since 2004. Robin left her job as executive assistant at NutriSystem to care for their family.

1992

SHARON M. BRUDNICKI-MAHER PharmD’98 proudly announced the birth of daughter Ksenia on August 20, 2007, at 10 a.m. Ksenia, who joins big brother Carston, was 7 lbs. 15 oz. and 20 ¾ inches long at birth. The family lives in Mckillen, NJ.

1995

LISA (BUSH) CANNOE P’95 and her husband Chris welcomed sons Noah and Nolan on April 11, 2007. The twins join big sister MikiMaya. The family resides in Glendale, AZ.

1996

KAREN BANKOVICH CHAJKO P’96 lives in Phoenixville, PA, with her husband Joe and son Matthew (3).

ALISON (HALE) BENINCASA P’96 and JOHN F. BENINCASA P’95 announced the birth of daughter Isabella on March 28, 2007. The family lives in Bethlehem, PA.

DOMINIC MARASCO P’96 and ANNEMARIE (BUBECK) MARASCO P’95 welcomed daughter Sofia Noel on July 22, 2007. She joins big sister Isabella and weighed in at 6 lbs. 14 oz.
1997

BRIAN A. KORENDA
P’97, PharmD’06
and his wife Kathleen
welcomed the birth of son Ethan James on July 26, 2006. Ethan weighed 8 lbs. 12 oz. Brian is a senior regional medical scientist in research and development at GlaxoSmithKline in Boston.

MICHAEL P. STEIDLE
P’99, PharmD’00 and his wife April
celebrated their ninth wedding anniversary in August 2007. They also recently welcomed the birth of their third child J.D. J.D joins big sisters Bella (5) and Emma (3). The family lives in Mullica Hill, NJ.

DIANE (MCWHORTER)
VALENTIN
MT’99 has moved to
Ridley Park, PA, with her hus-
band and daughter to be closer to extended family. She now works at the Philadelphia VA Medical Center in the microbiology/immunology department.

1998

JEFFREY M. FUSCO
P’98 and his wife Brigitte are the parents of John Holmes, born on July 11, 2007. They reside in Folsom, PA.

ROSE (KEEVILL) O’FLYNN
P’98, PharmD’99 and her husband Dennis
are the parents of Keira Rose, born on April 26, 2007. Rose is an infectious disease clinical pharmacist at the Philadelphia VA Medical Center. She and her family live in Westchester, PA.

2000

CLAIRE (DOYLE) FISHPMAN
MPT’00 and Rich Fishman welcomed
son Benjamin Evan on February 6, 2007. They live in Howell, NJ.

SHARON K. LEE
P’00 and Soonjo
Kwon were married in Korea on May
6, 2007. Sharon works at Partners Healthcare in Cranford, NJ. Soonjo is a Pratt Institute graduate and works as an architect and interior designer in New York. The couple resides in Linden, NJ.

2001

MARIANNE BUSH
BC’01 (MBA’05, Fairleigh Dickinson University) married Benjamin Lyttle Smith on April 13, 2007. They live in Morristown, NJ.

2002

JOHN P. CHANG
PharmD’02 celebrated his 30th birthday on April
20, 2007, in New York City. Attending the party were DAVID B. ADOFF B’01; SWARNA CHATTERJEE and FRANK L. FARIELLO (both P’00, PharmD’01); ANIL DATWANI, MEGHAN L. FAJARDO, and SHEILA TALATALA (all PharmD’02); and NISHA C. JANI MPT’01.

2003

JIN-YU (LIU) LEUNG
PharmD’02 and her husband Gary live with their 21-month-old daughter Caitlyn in Newtown, PA. Jin-Yu has been an analytical chemist at a Merck contract lab for the past five years. She is involved in stage 3 stability testing for NDA submissions.

AMI (DESAI) TAJUEDEEN
PharmD’02 and NAUFEL F.
TAJUEDEEN PharmD’04 welcomed their first child, daughter Maya
Sophia, on April 5, 2007. Maya was born at Morristown Memorial Hospital in Morristown, NJ. The family lives in Stafford Springs, CT.

CARRIE L. JAMES
MPT’99 received
her doctorate in physical therapy
from University of St. Augustine
for Health Sciences in August 2007. Carrie was also recently engaged to Bryan Paglialo, IT manager for the Hillary Clinton presidential campaign. Carrie is director of women’s health services at Body Dynamics, Inc. She and Bryan live in Arlington, VA.

CHRISTINE (WEBER) CHEW
MOT’02 and her husband Joseph
welcomed daughter Olivia Rose
on July 22, 2006. Olivia received a heart transplant on December 15, 2006. She is currently at home in Sicklerville, NJ, doing well with a tracheotomy and ventilator.

VIOLETTE J. GEZA
PharmD’02 was married to Charles Ganoe
on August 26, 2006. LISA LEE
PharmD’02 was a bridesmaid. Also in attendance were AMY (WERLEY) CONNER MPT’01, JOSEPH ZAGAME P’99, and RAELENE (WELKOM) SKERDA P’79. Violette is chief pharmacist at FCI McKean in Bradford, PA. Charles is a senior officer specialist at FCI McKean. They live in Smithport, PA.

FAYRUSAM JAFRAJ
MPT’01, and
ESTHER K. KIM
PharmD’03 were married on September
22, 2007. KRISTY J. SPETZ PharmD’03 was Theresa’s maid of honor. Theresa and Brian spent their honeymoon in Hawaii.

JAYNE A. LEE
BI’02, PharmD’07
and Scott Yuh were married on
May 19, 2007, at Talamore Oaks
Country Club. The guest list included
USP students EUNICE YOO and
daissy huh and alumni STACY KO
PharmD’05; ESTHER K. KIM PH/TX’02, PharmD’05; STEPHEN KIM
PharmD’03; SOVANNAH “DEVON” BUN PharmD’04; and RIGEL L.
HALL MT’02, PharmD’06. Jayne and Scott reside in Plymouth Meeting, PA.

LISA S. LEE
PharmD’02 is currently on a four-month deployment in Iraq. She is one of two pharmacists at the base hospital, serving as an inpatient and outpatient pharmacist. She is expected to return in mid-January 2008.

KORENDA
P’97, PharmD’06
and his wife Kathleen
welcomed the birth of son Ethan James on July 26, 2006. Ethan weighed 8 lbs. 12 oz. Brian is a senior regional medical scientist in research and development at GlaxoSmithKline in Boston.
2004
ALICIA M. DENARIE MOT’04 and Lamont Sadowski were wed on August 25, 2007, at Walt Disney World. Alumni in attendance were KRISTIN NATALE, MELISSA L. WELSH, PATRICIA SMITH, ERICA C. FUENTES, and LAUREN A. STEPHANY, all MOT’04. Alicia is an occupational therapist for Gloucester County Special Services School District in Sewell, NJ, and Lamont is employed as a sales account executive. They live in Berlin, NJ.

ASHISH P. GANDHI PharmD’04 and TINA H. BHATT MOT’05 were married on July 31, 2005, in Berlin, NJ. The guest list included MITESH B. SHAH, VINOD B. PATEL, URVI PATEL, KAJAL I. SOLANKI, LOVLEEN CHATRATH (all PharmD’04); REBECCA M. MCCALLISTER, RINA BHATT, PINA K. PATEL, and NOSHEEN (ALI) AMEERI (all MPT’05); ANAND S. GANDHI and KIRANJOT SINGH (both PharmD’06); MISTY L. MURRAY and SARAH H. NOJIRI (both PharmD’04); and SABRINA RANA MPT’03. Ashish is a pharmacist for CVS, and Tina is an occupational therapist at Marlton Rehabilitation Hospital. They live in Delran, NJ.

2006
SEEMA Z. KAZMI PharmD’06 will be included in the 2007/2008 edition of Cambridge’s Who’s Who Registry of executives and professionals. Seema currently practices as a pharmacist and lives in Bucks County, PA.

2007
ASHLEY B. SCHLITTER PharmD’07 married her high school sweetheart John Webb on July 7, 2007. John has a bachelor’s degree in game design and development. Ashley is a pharmacist at Walgreens. The couple resides in Laurel, MD.

IN MEMORIAM
THIRTIES
NOAH S. BLANK PhG’34 passed away on April 4, 2007.

FORTIES
PAUL J. BUTASH, JR., P’49 died on April 24, 2007. While at PCPS, he wrote for SCOPE, was manager of the basketball team, and was a member of the Neumann Club. In April 1950, then 21-year-old Paul opened Butash Pharmacy in Throop, PA, which continues as an independent pharmacy operated by his son, PAUL J. BUTASH, III P’76.

JOHN T. SPERA P’49 (MBA’63, University of Florida) passed away on June 10, 2007, at 4 p.m. Survivors include nephew ROBERT F. SPERA P’88 and cousin GARY T. GARDNER P’63.

FIFTIES
NICHOLAS W. D’ANDREA P’54 died on March 15, 2007, at age 74. Nick was director of pharmacy at Community Medical Center in Scranton, PA, for 33 years before his retirement.

SIXTIES
EDWARD C. SHINAL P’63 (MS’65, Ohio State University; PhD’78, Rutgers University) passed away on January 2, 2007. He spent a prolific international career in pharmaceutical research. His contributions included several patents and a variety of therapeutic agents, all focused on the relief of physical suffering. Survivors include his wife, children, and grandchildren.

SEVENTIES
PATRICIA (LANG) O’SHEA MT’76 passed away on August 24, 2006, at the age of 52. She is survived by her husband CHARLES T. O’SHEA P’77 and children Bethany, Valerie, and Douglas.

To see the full line of products or to download ordering information, visit: www.usp.edu/aagear

Proceeds benefit the USP Alumni Association Scholarship Fund.
“If we want our alumni to remain involved in the life of the university, we need to remain involved in, and relevant to, the lives of our alumni.”

STACY M. ROSEMARIN P’83

Delaware Pharmacists Society Meeting
May 10, 2007, Wilmington, DE

Left to right: Director of alumni relations Stacy M. Rosemarin P’83 honors Pat Klishevich P’75, who was inducted as president of DPS.

Mike McQuone, executive vice president/chief executive officer of the Florida Society of Health-System Pharmacists, Inc., presents a USP Alumni award to Christine Gegeckas P’90 as incoming president of FSHP.

Louis J. Lupo P’76, PharmD’01 (center) welcomed two recent alumni, Justin L. Cook MB’07 and Andrea L. Stehman PharmD’07, to Bristol-Myers Squibb, sharing with them his job responsibilities and opportunities that are offered at BMS.

El and Joe Kukulich P’54 stand in the oldest operating pharmacy (since 1317), located in a Franciscan monastery inside the walled city of Dubrovnik, Croatia.

Director of alumni relations Stacy M. Rosemarin P’83 visits with Bill Sessa P’84, who will be the John C. Krantz, Jr., Distinguished Lecturer at Scholarly Day on Thursday, April 24, 2008.
Left to right: Fred Labs P’55, Dorothy Labs (wife), and Willie Pohl P’50.

Left to right: Hayley Lentz PM’08, Nate Wible PharmD’06 (seated), Lou Brunetti PharmD’06, and Krupalee Amin HS’04.

Left to right: Tim Gaudiello PM’03 and Jigna Patel Heble PharmD’02.

New Alumni Association executive board, officers, and directors.
Left to right: Bob Spera P’88, director; Stephanie Bean MPT’89, vice president; Robin Keyack P’81, president-elect; Wayne Marquardt P’82, director; Shawn Boyle PharmD’01, director; Victoria Rehill Elliott P’87, director; and Frank Rooks MPT’91, director.

Tom O’Connor P’70, PharmD’71 (back row, center) with the Class of 2007 Einstein Medical Center pharmacy students. Einstein holds an Awards Dinner for the PCP students every year.
A future Legacy? Left to right: Joe Betz B’76, MS’83 visited USP with his two sons and caught up with director of admission Lou Hegyes on the steps of Griffith.

Terry Forbes P’78 and her son, Mark Forbes PharmD’12, who is a catcher on the USP baseball team.

Scott Curry P’83 with his son, Mike Curry PharmD’10, at a USP baseball game. Mike is a pitcher on the USP squad.

Donna Zygmunt Schappell P’79 and Rich Schappell P’79 with their daughter, Ashley Schappell PharmD’09, who plays first and pitches for USP’s softball team.

25th Annual Alumni Golf Tournament August 6, 2007, Newtown Square, PA

Left to right: Norm Alworth P’81; Ed Dunn P’81; Gary Kozloski P’82, PharmD’85; John Lewicki P’82; and Ken Stewart P’82 all played in the inaugural Alumni Golf Tournament in 1982 and were also active participants in celebration of the 25th anniversary of the event at Edgmont Country Club this past summer.

Athletic Legacies
SCHOLARLY ACTIVITY

SYMBOLS
Faculty and staff = ●
Alumni = ★
Current Student = ★

ADVANCED CONCEPTS INSTITUTE

Poster Presentation


VOJISLAVA POPHRISTIC+ received a one-year $108,350 grant from PolyMedix for “Computational Analysis and Design of Heparin Antidote Compounds.”

RICHARD STEFANACCI+ received a five-year $345,458 grant from National Institutes of Health for “Role of RNA Structural Switches in the Replication of Herpesviruses.”


COLLEGE OF GRADUATE STUDIES

Grant

VOJISLAVA POPHRISTIC+ received a one-year $10,000 grant from PolyMedix for “Computational Analysis and Design of Heparin Antidote Compounds.”

RICHARD STEFANACCI+ received a one-year $108,350 grant from PolyMedix for “Computational Analysis and Design of Heparin Antidote Compounds.”

Richard Stefanacci+ received a five-year $345,458 grant from National Institutes of Health for “Role of RNA Structural Switches in the Replication of Herpesviruses.”

RICHARD STEFANACCI+ received a three-year $233,053 grant from National Institutes of Health for “Role of RNA Structural Switches in the Replication of Herpesviruses.”

COLEGE OF HEALTH SCIENCES

Grant

MARC CAMPOLIO+ received a one-year $10,000 grant from the Federation of State Boards of Physical Therapy for “Relationship between Remediation and Success for Second Time Pass Rate.”


RICHARD IDEISHI+, et al., “Creating Communities of Scholars” at the American Occupational Therapy Association Conference in St. Louis, April 20–23.

MISHER COLLEGE OF ARTS AND SCIENCES

Award

LIA VAS+ was the recipient of the W. F. Homiller Award for Teaching Excellence, June 2007.

Grants

TILMAN BAUMSTARK+ received a five-year $345,458 grant from National Institutes of Health for “Role of RNA Structural Switches in the Replication of a Plus-Strand RNA Virus.”

ELIA ESCHENAZ+ received a three-year $233,053 grant from National Science Foundation for “MRI: Acquisition of an Atomic Force Microscope System to Further Research.”

POSTER PRESENTATION
NIH Grant Aimed at Understanding RNA Viruses
By Thomas Kupfer

Studying the intricacies of RNA viruses and coming closer to understanding how they function is the goal for TILMAN BAUMSTARK, PhD, assistant professor of biology and biophysics with Anne Simon, PhD.

A four-year, $1.3 million grant, $240,000 of which USP received for its role, was approved after a two-year-long process that involved three separate applications and a collaboration of efforts.

Dr. Baumstark’s interest in the field of RNA viruses began back in 1988 while he was working on his graduate thesis with Dr. Detlev Riesner in Germany. Since coming to the University of the Sciences in Philadelphia in 2002, Dr. Baumstark was visited by Anne Simon, PhD, of the University of Maryland, College Park, and asked if he would like to join her on a project working with RNAs. Dr. Baumstark enthusiastically accepted her offer, and after working together for several months, they applied for a new grant that would allow them to continue their collaborative research. Dr. Simon’s expertise lies within the field of viral replication. She is also known as being the scientific advisor for the show The X-Files and another of the X-Files: Microbes, Meteorites, and Mutants.

By Thomas Kupfer

RNA viruses from the plus-strand group Dr. Baumstark is studying cause many prevalent illnesses, some of which have been around for years such as Hepatitis C and the common cold, and

LIA VAS+ • “Perfect Symmetric Rings of Quotients” at the International Conference on Rings and Things, Ohio University, Zanesville, OH, June 15–17. • “Perfect Right and Symmetric Rings of Quotients” at the Universitat Autònoma de Barcelona, July 20, as part of a three-week invited visit.


KEVIN WOLBACH+, served as the interim director of the New Jersey Governor’s School on the Environment for the summer of 2007. He has been a faculty member of this program since 1994. Two USP students were selected to serve as research assistants: AMAL (EMILY) ELSWEDY+, a second-year OT major, and CHARLES COOK+, a third-year pharmacy major. CHRISTINE FLANAGAN+, also teaches a writing course for the Governor’s School.


PHILADELPHIA COLLEGE OF PHARMACY Grants ADEBOYE ADEJARE+ • Received a three-year $100,000 grant from WBT Pharmaceuticals for “Investigation of Anti-Cancer Properties of an Herbal Preparation.” • Received a $50,000 grant from Encapsulation Systems, Inc., for “U-Strip Drug Screening.”

ANIL D’MELLO+ received a $48,055 grant from Jenrin Discovery, Inc., for “Pharmacological Interventions for the Treatment of Obesity.”

PARDEEP GUPTA+ received a $30,000 grant from Terumo Heart, Inc., for “Validation of Thrombin Inhibition Assay.”

STEVE SHEAFFER+ received a six-month $367,175 grant from the Center for Disease Control & Prevention Public Health for “Bioterrorism Preparedness Training.”

SHANAZ TEJANI-BUTT+ • Received an 18-month $150,000 grant from the University City Keystone Innovation Zone–WISTAR for “Creation of a High Throughput Screening and Development Facility.” • Received a two-year $25,000 grant from the University City Keystone Innovation Zone Thomas Jefferson University for “Buddy Mentor System/Tech Transfer Office with USP.” Presentations SARAH SPLINER+ • “Updates in Acute Coronary Syndromes: Risk Assessment and Treatment Strategies” at the Eastern District Meeting of the Oklahoma Society of Health-System Pharmacists, Tulsa, May 18. • “The Evidence Base: Evidence at the Point of Care–Where the Rubber Meets the Road” at the Medical Library Association Annual Meeting and Exhibition, Philadelphia, May 20. • “Evidence-Based Strategies for Improving Patient Outcomes: Optimizing Antithrombotic Management of Acute Coronary Syndrome” at the Florida Society of Health-System Pharmacists Annual Meeting, Orlando, August 3.
others which have just recently gained attention, including SARS and West Nile disease. The most notable of these viruses is Hepatitis C, which affects an estimated 150-200 million people worldwide and is yet to have a vaccine. The SARS pandemic of 2002 is one example of the threat that these viruses pose and why they must be researched. “In virology circles it’s not a question of whether or not these viruses will strike again, it’s more a question of when, and are we going to be prepared,” Dr. Baumstark explained.

Dr. Baumstark’s research team studies replication of satellite systems that are associated with some plant RNA viruses. Not only are the satellite systems smaller and simpler to work with, but the findings from these systems translate directly over to much larger systems. Studying plant pathogens rather than human or animal viruses also makes it safer and easier to pursue research in an open laboratory setting, but does not make the findings any less applicable to humans. More specifically, Dr. Baumstark is looking at RNA switches of pathogens within the cells. “These switches are really important regulatory elements that have just emerged within the past 5-10 years,” he said. “The focus of our work right now is to understand how these switches control virus replication.”

Discovering how these switches control virus replication could make creating a vaccine for many RNA viruses much more achievable. “If we can understand RNA replication on an atomic level, we can start designing counter molecules,” he explained.

Both graduate and undergraduate students from a diverse background of programs at USP have been attracted to Dr. Baumstark’s research project. It is this type of collaborative effort within the science community that makes achieving long-term goals more possible. “The time when one single expert will solve the problem is long past. Someone may advance the field, but a lot of the time it’s about bringing people with different expertise together, and that’s why I think this project is a good example of that collaborative effort,” Dr. Baumstark said.

**NIH Grant**

Continued from page 29

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**Karen J. Tietze, PhD**


**Publications**


**Publications**


**“It’s not a question of whether or not these viruses will strike again, it’s more a question of when and are we going to be prepared.”**

**Tilman Baumstark, PhD**

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IN OUR NEXT ISSUE...
• 100 Years of Basketball at USP
• Campus Dining Gets a Makeover
• Year in Review

DEGREE/PROGRAM ABBREVIATIONS

<table>
<thead>
<tr>
<th>Degree/Program Abbreviation</th>
<th>Full Name</th>
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<tbody>
<tr>
<td>BAC</td>
<td>Bacteriology</td>
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<tr>
<td>BC</td>
<td>Biochemistry</td>
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<tr>
<td>BI</td>
<td>Biology</td>
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<td>BInf</td>
<td>Bioinformatics</td>
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<td>BW</td>
<td>Biomedical Writing</td>
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<td>Chemistry</td>
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<td>CB</td>
<td>Cell Biology</td>
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<td>Computer Science</td>
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<td>DPT</td>
<td>Doctor of Physical Therapy</td>
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<td>ES</td>
<td>Environmental Science</td>
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<td>HonDSc</td>
<td>Honorary Degree (Science)</td>
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<td>HPSy</td>
<td>Health Psychology</td>
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<td>HS</td>
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<td>IndP</td>
<td>Industrial Pharmacy</td>
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<td>MB</td>
<td>Microbiology</td>
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<td>MBA</td>
<td>Master of Business Administration</td>
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<tr>
<td>P</td>
<td>Bachelor of Science in Pharmacy</td>
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<td>PA</td>
<td>Physician Assistant</td>
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<td>Pharmacy Administration</td>
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<td>PharmD</td>
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<td>Pharmacognosy</td>
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<td>PhD</td>
<td>Doctor of Philosophy</td>
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<tr>
<td>PhG</td>
<td>Graduate in Pharmacy (equivalent to P that is used today)</td>
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<td>Pharmaceutical Technology</td>
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<td>Pharmacology and Toxicology</td>
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<td>Pharmaceutical Marketing and Management</td>
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<td>STC</td>
<td>Certificate in Science Teaching</td>
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<td>TX</td>
<td>Toxicology</td>
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~Kareem Karara PharmD’11

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Seldia Blatman P’37
Luigi Brunetti PharmD’06
Eurelio Cavalier P’58
Carmen DiCello P’58
Victoria Elliott P’87
Curtis Ewing P’58
Elizabeth Fusco P’63
Dan Halberstadt P’83
Lorri Kanig Halberstadt P’83
Richard Hall MI’83
Mary Maguire P’83, PharmD’01
Anthony Mortelliti P’51
Frank Roia HonDSc’83
Nathan Wible PharmD’06
*Maggie Devine-Pennock, CMP, director, strategic events and special projects, manager, operations
~Gary Smedley PharmD’11

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~Amanda Schartel PharmD’12

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*Erica Spizzirri, director, annual giving and e-communications
~Allen Whisler PharmD’12

*University Consultant
~Student Government Association Representative
December

Monday, December 3
American Society of Health-System Pharmacists Reception (ASHP), Las Vegas, NV
Connect with the USP Alumni Association during the ASHP 42nd Midyear Clinical Meeting and Exhibition.

Thursday, December 13
Building Connections Between University City Keystone Innovation Zone Partners, USP Campus
Join the partners of the University City KIZ to learn more about Tech Transfer best practices. Please visit www.usp.edu/research/registration.aspx to register or call 267.295.3295 for more information.

January

Monday, January 14
Classes begin for all students.

February

February Continued
Thursday, February 21
Founders’ Day Celebration, USP Campus
Recalling its establishment on February 23, 1821, USP celebrates its 187th anniversary.

February

Thursday, February 7
Alumni Career Panel, USP Campus
The USP Alumni Association and USP Career Services Department are cosponsoring a series of Alumni Career Panels prior to each Alumni Association Board Meeting. Held from 4 to 5 p.m., the panels unite current students with alumni to discuss career opportunities. Contact Career Services at 215.596.7494 or the Alumni Association for more information.

March

Friday–Monday, March 14–17, San Diego, CA
American Pharmacists Association (APhA) Alumni & Friends Reception
For those attending the APhA Annual Meeting and Exposition, the USP Alumni Association will host its annual reception.

For more information, contact the Alumni Office at 1.888.857.6264 or visit the USP Alumni & Friends website at www.usp.edu/alumnifriends. View the USP News and Events page at www.usp.edu/calendar for the latest University happenings.

Advances in Pharmacy Practice
The 29th Annual Advances in Pharmacy Practice live continuing education program will be held in February and March 2008. Dr. Daniel A. Hussar P’62, MS’64, PharmD’67 will present New Drugs of 2007, and Joseph J. McHale P’82, MS, JD, will present Current Issues in Pharmacy Law. E-mail b.pilipz@usp.edu for more information.