

USP Bulletin

A MAGAZINE FOR ALUMNI AND FRIENDS OF UNIVERSITY OF THE SCIENCES IN PHILADELPHIA FALL 2004, VOLUME 94 NO. 2



RUSSELL J. DIGATE, PHD—
NEW PCP DEAN FOR A NEW ERA

NEW ALUMNI & FRIENDS
WEBSITE UNVEILED

USP BREAKS GROUND FOR NEW
SCIENCE AND TECHNOLOGY CENTER

ALUMNA AUTHORS BOOK
FOLLOWING 9/11 PERSONAL TRAGEDY

FROM THE PRESIDENT

UNIVERSITY OF THE SCIENCES IN PHILADELPHIA

is starting a new and exciting academic year with a record-making 599 first-year students who are bright, curious, intelligent, and eager to begin their rewarding careers as future health professionals.

Yes, it is a great time for our new students, but it is also an extraordinary time for the entire University. We are improving our academic curriculum for students, expanding and beautifying the campus, and creating a robust environment of student-centered learning. In addition, the University

This comprehensive plan, called Vision 2010, outlined six strategic imperatives and goals:

- create a culture of student-centered learning and living;
- grow, diversify, and expand revenue base;
- increase research-based scholarly activity;
- expand and integrate assessment and quality-improvement programs throughout the University;
- increase individual and institutional civic involvement; and
- construct facilities and develop campus.

Just two years in, the entire University community's hard work and effort toward achieving these goals are evident. The recent groundbreaking of our new Science and Technology Center and the numerous advantages it will provide faculty, staff, and students reinforce the strategic plan. Novel research and scholarly activity will be encouraged,

new programs will be cultivated, new sources of revenue will be generated, and the overall appearance of campus will excite the increasing number of enrolled students. These students will be given more opportunities to be innovators and scientists and to work alongside faculty to reach their full potential and beyond.

Our commitment to enhancing research is demonstrated through our new programs and new faculty members. For instance, we are thrilled with the potential of the new Health Policy Institute and its director, Dr. Richard Stefanacci,

who will promote the advancement and dissemination of knowledge through research in health policy and related fields. We are also delighted that Dr. Russell DiGate has joined the Philadelphia College of Pharmacy as its new dean. Dr. DiGate, who is well-known in the fields of science and academics for his intensive research, will encourage scholarly activity, enhancing PCP's reputation in the pharmaceutical industry.

As you can see, USP is making great strides physically, academically, and fundamentally and is reaching higher levels of excellence. We are continuing to be the best we can be in the disciplines of study we offer. We are moving in a direction that we never would have dreamed possible a decade ago. USP's remarkable progression and successes are rooted in our commitment to executing the essential elements of Vision 2010.

Many of you helped us get to where we are now, and I thank you for your continued support and enthusiasm in helping us to go even further.



Philip R. Gerbino P'69, PharmD'70
President



will undoubtedly benefit from our six new Board of Trustees members and new faculty members who will help enhance our institution through their wealth of expertise and professional insight.

In 2002, our board approved a dramatic vision to further advance University of the Sciences in Philadelphia as an independent, residential, student-centered health and sciences institution recognized for shaping the future of science and educating students to be productive professionals, citizens, and leaders.



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Philadelphia College of Pharmacy has new dean to assume leadership.
(on cover) Russell J. DiGate, PhD

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A FRESH LOOK AT THE USP BULLETIN

The *USP Bulletin* has undergone a metamorphosis—from its humble beginnings as an annual 6" x 9" black-and-white booklet first published in July of 1908—to the four-color, 32-page magazine you are holding in your hand today. The publication's evolution reflects the growth and progress of the University yet maintains the prestige of our history and legacy. We have much to say now and have taken a fresh look at what information our readers want and need to know. We'll continue to report on what's news at the University. We've added a Letters to the Editor section, an alumni focus column, and more in-depth feature stories, and we will soon introduce faculty-authored articles and a sports update. We hope you will enjoy this publication as much as we enjoy publishing it. Our many thanks go to Dyad Communications for the inspiring new design. We look forward to hearing your feedback.

Carolyn Vivaldi
Executive Editor
Director, University Relations

LETTERS TO THE EDITOR

WE WANT TO HEAR FROM YOU

Would you care to comment on an article in the *USP Bulletin*? Would you like to share your thoughts on a USP event that you attended? Do you want to remark about any USP news you recently heard?

Now you can. The *USP Bulletin* is introducing a new Letters to the Editor section to provide you with a forum to express your thoughts. You are welcome to send letters on the content of the magazine or on topics related to the University. Letters to the editor should be no longer than 300 words. They should be dated and signed and include a phone number. If you are an alumnus, please provide the year you graduated and your major. The *USP Bulletin* reserves the right to edit letters for space and clarity. Publication is not guaranteed.

Send your letters to:
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CONGRATS ON 2004 SUMMER ISSUE

I wish to congratulate you and the other contributors to the splendid Summer 2004 edition of the *USP Bulletin*—it is with pleasure that I have witnessed the impressive evolution of the *Bulletin* from an amateurish double-fold to a highly sophisticated, professional publication that reflects with great credit on the progressive institution that is USP.
G. Victor Rossi P'51, MS'52, PhD
Leonard and Madlyn Abramson
Professor Emeritus
of Pharmacology

I am an alum of PCP&S, and I was delighted to see a medical technology student featured in the latest issue of the *Bulletin*. As a group, we medical technology graduates of PCP&S have done wonderfully, and we are usually forgotten in the glamour of some more high-profile majors. You have renewed my hope in [the University].
Betty Ciesla MT'73

OH, WHAT A NIGHT

I attended the recent school reunion on the University campus. The turnout of my pharmacy class of 1954 was impressive. I wish to thank the University for the honors bestowed on my classmates and for the wonderful celebration held later in the night.
My wife and I were particularly thrilled to meet so many of my fraternity brothers who were ushers at our wedding in July 1954–50 years ago. Thank you.
Harvey Lipschultz, P'54

USP Bulletin

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Building on the Basics: Philadelphia College of Pharmacy's New Dean

BY CAROL R. COOL



“MY DREAM IS THAT WHEN PEOPLE WITHIN THE PROFESSION THINK OF INNOVATION, LEADERSHIP, AND EDUCATION, THEY CONTINUE TO THINK OF PCP.”
RUSSELL J. DIGATE, PhD
Dean, PCP

WHEN DR. GEORGE DOWNS announced his retirement as dean of Philadelphia College of Pharmacy (PCP), University of the Sciences in Philadelphia knew it had big shoes to fill. Change can be a challenging endeavor, especially for a program as rich in history and reputation as PCP. Finding a successor to someone who had devoted 30 years to USP, a decade of that time as dean of PCP, was a difficult task, according to Dr. Barbara Byrne, vice president of academic affairs. “We were looking for someone with vision, with proven leadership, and with an understanding both of pharmacy education and higher education in general. In addition, we wanted someone who would be an excellent colleague for faculty members, other deans, and administrators.”

The search ended with the selection of RUSSELL J. DIGATE, MS, PhD, (pictured, left) professor and associate dean for research and graduate education at the University of Maryland School of Pharmacy. Dr. DiGate embodies the desired qualities. He is a molecular biologist by training, and his academic experience has been in the context of a pharmacy school. He not only has extremely strong scientific credentials but also brings strength as an academic leader, having served as department chair, acting dean, and associate dean for research and graduate education.

continued on next page

BUILDING ON THE BASICS

His background as a basic scientist forms part of the vision Dr. DiGate brings to USP. "If you don't have a mastery of basic science, you won't be the most effective pharmacist you could be," he says. That's why USP's superior undergraduate science program is so important. Without a strong background in biochemistry, current molecular biology, and pharmacology, a pharmacist can't understand how drugs interact with the body. Because most adverse outcomes involve drugs interacting with cell surface proteins that they shouldn't be involved with, causing chemical reactions, a pharmacist must learn the molecular targets in basic science classes. In this way, he says, you can be better prepared to help patients.

The opportunity to be a part of the leadership team at USP excited Dr. DiGate. "What drew me to USP and PCP is what would bring any individual to this institution. First, there is the aura of being affiliated with the first and finest pharmacy school in the country. When you walk into Griffith Hall, it vibrates both with history and pride. Second, the history of this institution is only superseded by its reputation. Third, because of PCP's history and reputation, the potential for the future is unparalleled."

BUILDING FOR THE FUTURE

Dr. DiGate has already established his initial priorities. First and foremost, he wants to work with the faculty to continually improve and update what he describes as "an already excellent curriculum" and to work with students to ensure that a PCP education continues to produce pharmacists and scientists who are second to none.

Part of this involves clearly defining and articulating what the "PCP pharmacist" is and what she or he brings to the "table." Because the specialties within the faculty are the crucial factor in determining the University's niche, Dr. DiGate says he must get to know each faculty member's strengths. He also wants to understand the perceptions



Dr. Russell J. DiGate and Dr. Andrew Peterson

of students, alumni, and the external community. What do students and alumni believe PCP does very well? What does the external community value in PCP grads?

Another priority for Dr. DiGate is to work with the external community and alumni to build support. "This institution can only progress as far as the resources allow it to grow. In order to create, design, and implement new educational and scientific paradigms, funds will be needed.

"Schools cannot simply raise tuition to fund new programs. Deans are in the best position to do fund-raising for their schools because they know their programs and what each program needs to grow and they know their present and former students."

Dr. DiGate considers the encouragement of USP alumni to be critical for the future of the University. "PCP has a tremendous advantage—among its graduates are some of the most respected thought leaders within the profession of pharmacy. I would like to involve these leaders along with our faculty in determining the long-term goals for PCP."

Dr. DiGate plans on meeting with as many of our alums as possible within the first year. He wants to get a sense of how they envision the future of pharmacy and how they feel PCP can continue to educate professionals with the ability to be leaders in the profession.

During his tenure at the University of Maryland School of Pharmacy, scholarly

REBECCA FINLEY RESIGNS AFTER SEVEN YEARS OF LEADERSHIP

REBECCA FINLEY, PharmD, helped lead the Department of Pharmacy Practice/Pharmacy Administration faculty during a significant period of transition in her seven-year term as chairperson. When Philadelphia College of Pharmacy (PCP) modified its curriculum several years ago to establish the six-year doctor of pharmacy degree as the entry-level preparation for practice and phased out the five-year bachelor of science degree in pharmacy, Dr. Finley's guidance enhanced morale among the faculty and helped create the pharmacy curriculum that is now in place.

The department is now formulating ideas to further improve the curriculum, but it will do so without Dr. Finley, who recently resigned her positions of department chairperson, director of the Doctor of

Pharmacy Program, and associate dean of PCP. Dr. Finley, now a vice president for Meniscus Educational Institute in West Conshohocken, Pa., will continue teaching courses in pharmacy.

Her contributions to the department and PCP were valued and appreciated by many, according to George Downs, former dean of PCP.

"Becky's exceptional leadership abilities took the department to a new level of excellence," said Dr. Downs. "Her highly motivating and energetic leadership style was expressed by her desire and interest in the field of pharmacy. Becky's genuine enthusiasm for the profession of pharmacy and her determination and resolve to improve scholarship, education, and patient care were apparent to all. Under Becky's direction, the department experienced tremendous strides. We have been blessed to have Becky working with us for the past seven years, and we wish her every good success for her future endeavors."

"BECKY'S EXCEPTIONAL LEADERSHIP ABILITIES HAVE TAKEN THE DEPARTMENT TO A NEW LEVEL OF EXCELLENCE."
 GEORGE DOWNS, PharmD'72, former PCP dean

Dr. Finley came to USP from the Maryland Cancer Center, where she was the head of the Section of Pharmacy Services. She also held the appointments of associate professor in the Department of Pharmacy Practice and Science at the University of Maryland and associate professor of oncology at the University of Maryland Cancer Center and School of Medicine.

She is a past president of the American Society of Health-System Pharmacists and has served as chairperson of the ASHP Special Interest Group in Oncology. She is a past president of the Maryland Society of Hospital Pharmacists and has served on its board of directors. She also served on the Agency for Health Care Policy and Research Cancer Pain Guideline expert panel. She is the coauthor of the book titled *Concepts in Oncology Therapeutics*, which is a self-instructional text for pharmacists. Her practice interests include supportive care of cancer patients, particularly cancer pain management, life care, and symptom management.

She received a doctor of pharmacy degree and a bachelor of science degree in pharmacy from the University of Cincinnati and a master of science degree in institutional pharmacy at the University of Maryland.

ANDREW PETERSON ASSUMES NEW DUTIES AS INTERIM CHAIR

ANDREW M. PETERSON, PharmD, spent the past eight years as an assistant and associate professor of clinical pharmacy at USP. Upon agreeing to

serve as interim chair of the Department of Pharmacy Practice/Pharmacy Administration, his responsibilities increased significantly. In his new role, Dr. Peterson is charged with leading more than 30 faculty in the educational and research endeavors of USP's largest and most notable academic department. He will maintain an active research and teaching agenda, concentrating his work on medication compliance and managing pharmacy practice.

Before taking the interim chair position, Dr. Peterson served two years as president of the University's faculty council. His academic leader-

ship is supported by a history of clinical and administrative experience at local institutions. Before joining the University full time, Dr. Peterson served as an assistant director of pharmacy/clinical services at Thomas Jefferson University Hospital for a number of years. Prior to that, he was an associate director of pharmacy, drug information, and clinical services at Crozer-Chester Medical Center. Dr. Peterson is a member of several organizations, including the International Society of Pharmacoeconomics and Outcomes Research, American Society of Health-System Pharmacists, Academy of Managed Care Pharmacy, American College of Clinical Pharmacy, and Pennsylvania Society of Hospital Pharmacists.

He received a doctor of pharmacy degree from the Medical College of Virginia and a bachelor of science degree in pharmacy from Rutgers University. He completed a residency in hospital pharmacy practice and a specialty residency in hospital pharmacy administration.

"It always increases anxiety when a department loses a chairperson," says RUSSELL DIGATE, PhD, dean of Philadelphia College of Pharmacy. "However, when you have a person of Andrew's caliber with the knowledge base and willingness to do the job, it allays the fears of both faculty and administration. I have complete confidence that Andrew will not only act as a stabilizing force within his department but also lead the department forward as we enter the new academic year."

A national search is underway to identify and recommend a new department chair.

"ANDREW... WILL LEAD THE DEPARTMENT FORWARD AS WE ENTER THE NEW ACADEMIC YEAR."
 DR. RUSSELL J. DIGATE

activity, grants, and contracts dramatically increased. Based on Dr. DiGate's strong research background, Dr. Byrne expects he will encourage the further development of research by the faculty. Dr. DiGate's own research focuses on topoisomerases, enzymes that change the shape of DNA molecules.

So how does he plan to encourage research at USP? "It's a big-picture thing, not just grants," Dr. DiGate says. You build a reputation for superior research by starting from the ground up. You encourage the research interests of the faculty you have and then bring in the best and brightest from around the country to contribute to the mission. "It's important to cultivate and foster relationships between the current faculty so they function as a team. That way, current faculty members willingly serve as mentors to newcomers, creating a great place to work, which in turn builds loyalty. And at PCP, it is important to remember that while developing the research



arm of the University is important, education is the predominant mission."

Dr. DiGate is excited about building on the basics to enhance the future at Philadelphia College of Pharmacy. "I know that the PCP faculty members are extraordinary teachers and researchers in their own right. I hope to bring new ideas to the table and at the same time learn from these gifted people. My dream is that when people within the profession think of innovation, leadership, and education, they continue to think of PCP."

NEW FACULTY AND CURRICULUM IMPROVEMENTS LAUNCH PCP INTO A NEW ERA

WHEN PHILADELPHIA College of Pharmacy was founded in 1821, it made an indelible mark in both academic and medical history as the first college of pharmacy in the Western Hemisphere. Since PCP's inception, nearly 100 pharmacy schools have been established across the country. Today, PCP distinguishes itself from other programs by introducing its students to the clinical side of pharmacy as well as the business and science aspects of the industry. To ensure that PCP's academic vision coincides with the evolving demands of the profession, the college is revising the doctor of pharmacy curriculum, enhancing its other programs, and adding new faculty to an already solid corps of distinguished professors. The six-year doctor of pharmacy program is fully accredited by the Accreditation Council for Pharmacy Education.

PCP's hallmark major, the doctor of pharmacy degree program, prepares students for rewarding careers in one of the fastest-growing occupations in health care. To keep the program vibrant and relevant, faculty members are currently developing a new curriculum to focus on outcomes and address the increasing and evolving responsibilities of today's pharmacists. One of the exciting changes will involve giving students an opportunity in their third year of study—instead of their fourth year—to gain real-world pharmacy experience by participating in community service projects in settings such as nursing homes, health clinics, and community centers. This valuable first-hand experience will provide students a deep respect for pharmacy's impact on people and may provide additional insight for them when choosing a career path in a specific area of the profession.

Pharmacy faculty members will collaborate directly with biology, chemistry, mathematics, and social sciences faculty to effectively integrate the general education courses within the curriculum. This innovative teaching philosophy will allow students to recognize how courses in biology and intellectual heritage, for example, will help enhance their education and shape them as well-rounded health professionals.

PCP students receive their clinical training in the doctor of pharmacy program, but there are other majors within the college that focus on two different realms of the profession—science and business.

On the science side, students in both the BS programs in pharmacology/toxicology and pharmaceutical sciences are engaging in coursework and research in laboratories focused on developing new approaches to curing diseases, testing and improving the safety of drugs and chemicals, and advancing the effectiveness of modern medications and drug therapies.

PCP also offers students an opportunity to learn the business side of the billion-dollar pharmaceutical industry. Students can enroll in the BS in pharmaceutical marketing and management program, which prepares them for competitive positions in sales, marketing, and advertising within the pharmaceutical industry and related fields. If students want to further their education and be prepared to enter the corporate world, the MBA in pharmaceutical business program provides them with highly specialized skills in pharmaceutical marketing (See *Bulletin* article; Spring 2004, Volume 93, No. 4, pps. 4–6).

Educating and guiding PCP students in the clinical, science, and business aspects of the pharmacy and pharmaceutical fields are highly respected faculty members, who have been recognized nationwide for their research and academic achievements. Over the years, PCP faculty members have earned a long list of prestigious honors. One recipient of many honors and awards throughout his distinguished career is **DANIEL HUSSAR P'62, MS'64, PhD'67**, Remington professor of pharmacy, whose most recent honor was the Pharmacist of

the Year Award, given in October by the Pennsylvania Society of Health-System Pharmacists, an organization dedicated to safe medication use in organized health care settings.

This summer, **SARAH SPINLER, PharmD**, associate professor of clinical pharmacy, was elected to the Board of Regents of the American College of Clinical Pharmacy (ACCP). Dr. Spinler, a nationally known expert on cardiovascular pharmacotherapy, will help set policies and establish procedures for

the college and assist in guiding the development and monitoring of ACCP's strategic plan.

Additionally during the summer, **ADEBOYE ADEJARE, PhD**, chair of the Department of Pharmaceutical Sciences, had his research featured at both the Ninth International Conference on Alzheimer's Disease and Related Disorders and the American Chemical Society National Meeting. Since 2002, the number of faculty members in the department whose research activities are supported by the National Institutes of Health has risen from two to six.

Additional talented and accomplished faculty are joining PCP to accommodate the increase in enrollment, to help develop the new doctor of pharmacy curriculum, and to contribute their expertise that will foster a better overall education for students. This fall, PCP has welcomed the dynamic skills and expertise of four new faculty:

ALICIA REESE P'00, PharmD'01, assistant professor of clinical pharmacy, spent a two-year fellowship at University of Texas at Austin, where her specialty pharmacy practice was in pharmacotherapy. She brings to PCP both practice and clinical research in the area of acute care. She will also practice internal medicine at Jefferson University Hospital in the internal medicine department.

Ambulatory care is a large segment of the medical field in which pharmacists fulfill medication needs and other outpatient services for patients who do not require hospital admission. **VICKY CHAN, PharmD**, assistant professor of clinical pharmacy, and **SHAWN BOYLE P'00, PharmD'01**, instructor of clinical pharmacy, are two new faculty members who specialize in this area of practice.

Dr. Chan completed a managed care residency with an emphasis in ambulatory care at the University of Maryland School of Pharmacy. In addition to her teaching responsibilities, Dr. Chan will practice in the ambulatory care clinic at the Philadelphia VA Medical Center.

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**AS EDUCATION REQUIREMENTS
ARE CHANGING AT NEARLY
EVERY PHARMACY SCHOOL
ACROSS THE NATION,
PCP CONTINUES TO EVOLVE AS
A PREMIER AND WELL-
RESPECTED EDUCATOR IN
THE PHARMACY FIELD.**

Health Policy Institute Launched

BUILDING UPON its pharmaceutical expertise, USP extended its health policy reach by launching the USP Health Policy Institute (HPI). It is anticipated that in short order the USP HPI will become an essential resource by providing supportive services and analyses for policymakers in both the public and private sectors through its research and scholarly work. The HPI is positioned to promote USP's educational mission by collaborating with related degree and postdoctoral programs within the University, including the master's and doctoral programs in health policy, the MBA and executive MBA in pharmaceutical business, and the master's in pharmacy administration program.

The HPI will address key and compelling issues foremost in national health care, including the challenges caused by the increasing number of seniors, the growing complexity in the use of medications, and the effect of the Medicare prescription drug benefit. The HPI will tackle these issues through its pool of senior associates and internal USP experts as well as external experts who serve a variety of areas of health policy.

"The HPI will be a resource to key stakeholders as they develop and implement strategic plans based on an understanding of the relevant health policy as well as affecting policy through critical research," says **RICHARD G. STEFANACCI, DO, MGH, MBA, AGSF, CMD**, the founding executive director of the HPI. "For example, one of the projects the institute is currently undertaking is assisting a major pharmaceutical company in planning for the

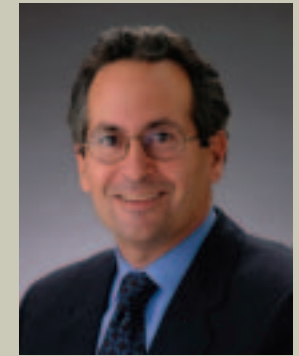
impact of the new Medicare Pharmacy Benefit on its business. In the near future, the institute will be recognized by key stakeholders as a valuable resource to turn for answers to the most difficult questions that health care faces."

Some of the projects currently under development at the HPI include:

- Investigating the policy implications of Medicare coverage exclusion of benzodiazepines
- Presenting a workshop on the future direction of pharmaceutical R&D funding
- Providing a virtual network as an incubator for consensus panels on critical health policy topics
- Establishing an Internet connection between health policy experts and conference participants both before and after events
- Providing content for *Assisted Living Consult*, the first publication dedicated to assisted living

"The Health Policy Institute," says Dr. Stefanacci, "will build on USP's tradition of excellence in health care education as the first college of pharmacy in North America as well as its emerging expertise in interdisciplinary care teams."

For faculty and students interested in serving as senior associates, contact Dr. Richard Stefanacci at r.stefan@usip.edu.



DR. STEFANACCI served as a visiting scholar at the Thomas Jefferson University (TJU) Department of Health Policy, where he was involved in research and educational projects that dealt principally with geriatric care quality and utilization issues. Through Jefferson, he spent a year as the CMS (Centers for Medicare and Medicaid) Health Policy Scholar, focusing on the regulations related to pharmacy access under the Medicare Modernization Act, particularly in the areas involving the dually eligible and those residing in long-term care.

He completed his clinical training at the University of Medicine and Dentistry of New Jersey in internal medicine and a fellowship in geriatrics. Over the past 10 years, he has developed his expertise in geriatrics through serving as medical director for a large primary care private practice, heading up a full-risk provider group, running a Medicare + Choice HMO, and, in his current position, acting as medical director for the St. Agnes PACE (Program for All-inclusive Care for the Elderly) program in Philadelphia, where he is involved not only in the implementation of quality assurance and utilization management initiatives for the frail elderly but also for direct patient care.

Dr. Stefanacci holds master's degrees in geriatric health care and business administration. He is board certified in quality assurance and utilization as well as being a certified medical director. He serves on the board of trustees at his alma mater A.T. Still University of Health Sciences and the National PACE Association and actively participates in the American Medical Directors Association (AMDA) and the American Geriatrics Society (AGS). In addition, he has recently been selected as a fellow in the American Geriatrics Society. He also serves on the editorial boards of *Caring for the Ages* and *The Journal of Quality Healthcare*.



A New Center of Academic Achievement

BY JOHN M. MARTINO

University celebrates groundbreaking for Science and Technology Center that will enhance the academic and research experience for students and faculty

AS USP PRESIDENT **DR. PHILIP P. GERBINO** along with civic and campus leaders ceremoniously broke ground for the new Science and Technology Center on September 2, students, staff, faculty, and guests watched, envisioning that the empty lot where they were standing would one day be a hub of innovative learning, scholarly activity, and scientific research. The same excitement and anticipation was experienced nearly two years ago at the groundbreaking for the Athletic/Recreation Center (ARC). The impressive ARC looming in the background of this groundbreaking ceremony effectively symbolized how a vacant lot could one day accommodate something truly impressive and worthwhile.

The landscape of 43rd Street and Woodland Avenue—and the overall look of the campus—will dramatically change in the fall of 2006 when the center is completed. The three-story, 77,000-square-foot building will provide state-of-the-art technologies in its classrooms and laboratories for biology, bioinformatics, and physics. The facility will accommodate the increasing enrollment at

the University, further fostering a rich and rewarding academic experience, and enable advanced research and scholarly activity by faculty and students alike. It will become the gateway to campus and to the future of technology and health sciences while serving as a model for advanced science education.

One of the many impressive features of the center is its 400-seat auditorium, which will be used for large classes, seminars, and conferences. The auditorium provides seating for 150 more people than any classroom on campus. The center's two-story, naturally lit commons area will give students yet another place to meet, study, or relax.

To **ROD WIGENT, PhD**, dean of College of Graduate Studies, the new center reflects the University's achievement of its strategic imperatives and goals, which include creating a culture of student-centered learning and living, constructing new buildings, and increasing research-based scholarly activity.

"The Science and Technology Center is designed to be student-centered," says

"THE SCIENCE AND TECHNOLOGY CENTER IS DESIGNED TO BE STUDENT-CENTERED."

ROD WIGENT, PhD
Dean, College of Graduate Studies



From left to right; Dr. Gary Raisl, vice president for finance & administration; USP President Dr. Philip P. Gerbino; Third District Councilwoman Jannie Blackwell; State Representative James R. Roebuck Jr.; Delbert S. Payne, chairman of the USP board of trustees; and Dr. Barbara Byrne, vice president for academic affairs.

Dr. Wigent, who helped ensure the academic coordination of the programming and design of the center. "The center will increase the number of didactic classrooms and teaching laboratories, substantially increase our capacity to perform research-based scholarly activity, and increase the number of faculty and staff offices and support spaces to allow for planned growth. This will all be accomplished in a building that provides maximum flexibility in a student-friendly environment."

Approximately one quarter of the building's space is designed to support research-based scholarship. The research laboratories and ancillary support spaces will accommodate more than 80 undergraduate, graduate, postdoctoral, and faculty researchers. These flexible spaces will both allow an open-lab format and provide isolation where needed. The center will also include an additional 10,000 square feet of general-purpose classroom space for USP. Initially, the center will house the undergraduate and graduate programs in math, physics and computer science, biology, and bioinformatics, but it will facilitate collaboration across disciplines, among students and faculty, and between industry and academia.

"The Science and Technology Center will receive heavy use by most of the students on campus, as nearly all of our students take a significant number of courses in the programs that will be housed there," says Dr. Wigent. "The center's amenities should contribute to student satisfaction and retention, an important component of our enrollment planning."

Stephen Linton B'07 will enter his senior year when the center officially opens its doors. He said he is most excited about conducting cutting-edge experiments in a much more comfortable setting.

"For the past year, I've been working in a small lab in Griffith Hall," says Linton. "It becomes crowded working there with six total people doing individual projects. I'm really looking forward to working in a larger, more spacious laboratory that will have an abundance of advanced equipment. This center shows that biology students and other majors besides pharmacy are making an impact. Having the center open my senior year will be something special. It is going to be a big accomplishment and a source of pride for all the majors on campus."

CHARACTERISTICS OF THE CENTER

- One 400-seat auditorium
- One two-story commons area
- One gallery exhibit area

CLASSROOMS/OFFICES

- Two 60-seat lecture halls
- One 40-seat lecture hall
- One 36-seat computer classroom
- One general-use computer workroom
- Two conference rooms
- Six breakout rooms
- 55 offices to accommodate faculty, staff, postdoctoral fellows, and graduate students

BIOLOGY

- Two introductory biology teaching labs with a prep room
- 15 biology research labs with equipment and support rooms
- Two advanced biology teaching labs with prep area
- One microbiology teaching lab with prep area
- Cold rooms, warm rooms, autoclave room, tissue culture rooms, growth rooms, equipment/lab support rooms, and storage rooms

BIOINFORMATICS

- One bioinformatics classroom
- One network equipment room
- Four bioinformatics research labs
- One dedicated computer classroom

PHYSICS

- One advanced physics teaching lab with prep room
- Two physics teaching labs with prep room
- One physics research lab with equipment support room

A TOWER OF STRENGTH AND FAITH ALUMNA PENS BOOK ABOUT REGAINING HER FAITH AFTER LOSING HER HUSBAND DURING THE WORLD TRADE CENTER ATTACK

BY JOHN M. MARTINO

“PLEASE, GOD, GET JIM TO WORK SAFELY AND BRING HIM HOME SAFELY TOO. HE’S EVERYTHING IN THE WORLD TO ME, AND I LOVE HIM SO MUCH. SO PLEASE, LORD, WATCH OVER HIM.”

Jennifer Trebino-Sands P’89 recited this brief prayer every morning after her husband, Jim, departed for work. For nine months, he endured a grueling, two-hour trek from their home in Brick, NJ., to the hustle and bustle of New York City. It wasn’t much easier for Jennifer. She worried about him being involved in an auto accident on the highway or carjacked or mugged in the downtown area. But her trepidation lessened and her daily prayer was answered each night when Jim walked in the door.

One day Jennifer’s prayer was not answered the way she wanted. Jim was not involved in a car accident or the target of a carjacker. He was the victim of something Jennifer and the entire nation could never have fathomed.

Jim Sands, 38, was one of the more than 2,700 innocent individuals who lost their lives when a pair of hijacked airplanes crashed into the two towers of the World Trade Center on September 11, 2001. The tragedy has been permanently etched into the memory of every American who witnessed the horrifying events transpire on their televisions. The sadness of the country paled in comparison to the personal loss Jennifer, like every person who was directly touched by 9/11, suffered that day and still experiences today.

“When I turned on the TV, I couldn’t believe what I was looking at,” says Jennifer. “It was like looking at the end of the world...it was the end of my world. Unlike others who were angry at the terrorists, the government, or the airlines, I focused my anger completely at God. He didn’t answer my prayer, and he turned his back on me. How could he take this love from me? How could he destroy it or allow it to be destroyed?”

Jennifer never thought she would be able to resume her life; become a strong, independent person; or forgive God. But somehow she managed to do all the above and more. She chronicled her remarkable journey from desperation to survival in her book, *A Tempered Faith: Rediscovering Hope in the Ashes of Loss* (Olive Press: 2003). It is the only book about the World Trade Center attack written solely by a 9/11 widow. The 179-page

book recounts her marriage and her quest to get back on her feet after losing the love of her life and questioning her faith in God.

“I wanted this book to be about the testimony to a love between a husband and wife and also the testimony to the love between that wife and her God,” says Jennifer. “Anyone who has lost a loved one can relate to this book. Everyone has a cross to carry, no matter how big or small.”

But on September 11, the cross Jennifer had to bear was too heavy for even the mightiest of shoulders. Yet the day began like any other day.

“Before Jim left, he leaned over me while I was sleeping and kissed me goodbye,” she recalls. “He was running a few minutes late, but not late enough. I did notice he said ‘I love you’ differently. It sounded happier for some reason.”

That was the last contact she would have with Jim.

A few minutes after 9 a.m., when Jennifer called into the pharmacy where she worked, a coworker told her about the tragedy that was unfolding. Afterwards, nearly every television station confirmed her worst fear: Jim worked as a strategic-development engineer for Cantor Fitzgerald, a highly successful wholesale financial service company that occupied floors 101–105 of the World Trade Center’s North Tower. The company was the hardest hit on September 11, losing 658 employees in the attacks. When Jennifer got her first glimpse of the news broad-

cast, she saw a massive gaping hole where Jim’s office was located. Then the unthinkable happened at 10:29 a.m.

“Family and friends came over; but I was trying to not look at the TV,” she says. “Then I heard people gasping and crying. When I saw the tower collapse, I knew it was over. I knew Jim could not have survived. I don’t even like thinking about that day.”

Like the two once-believed infallible twin towers, Jennifer’s world collapsed, leaving behind an enormous void.

A memorial service was held for Jim three weeks later, and more than 600 people came to express their condolences. The following year, Jennifer had another service for Jim...underwater. (continued on next page)



Jim and Jennifer Sands

ALUMNI FOCUS

The loving couple enjoyed scuba diving, and one of their favorite places was the Cayman Islands. In July 2002, the Cayman Islands government, at the request of a friend, agreed to have

a bronze plaque in Jim's honor placed on a coral reef. A new dive site called Jim Sands Memorial Reef was created. Jennifer says the "memorial dive" to see the plaque was emotional. She brought five calla lilies—her wedding flowers, one for each year she was married to Jim—to lay beside the submerged plaque.



"I felt like that was my husband's funeral and his grave site," she says. "It was the first time I didn't dive with him; I was diving for him."

A few months later, she also decided to write her book for Jim. Though the couple did not have any children, she compared the experience in writing *A Tempered Faith* to going through labor. She started writing the book in November 2002. The book was delivered to her home nine months later, and when she opened the first box of books, it was a magical moment.

"This book is my child," says Jennifer. "I was with it from the beginning, I saw it developed, I nurtured it, and I named it. The whole process was nine months, just like the gestation period. It was truly amazing,

"The book grew into something bigger than I expected," she adds. "It was released on September 11, 2003, two years after the tragedy, and I did a lot of media interviews. It also intro-

duced me into a realm which I didn't expect—public speaking. I have spoken to groups from Texas, Indiana, Georgia, Italy, and all over."

Jennifer also brought her message to her alma mater. In front of nearly 100 University of the Sciences in Philadelphia students, faculty, and staff members, Jennifer talked about Jim, what she endured during and after 9/11, and her faith. She also showed a touching musical video of her

dive to Jim's underwater plaque in the Cayman Islands. Her presentation was well received, according to Dan Hussar, PhD, Remington professor of pharmacy, who invited Jennifer to campus.

"I think Jennifer's experience is one from which we can all learn," says Dr. Hussar. "She handled a tragedy in a way that is truly inspirational. I have a great respect for the way she has coped with this and for the manner in which her faith has been strengthened as a

consequence of a tragedy. Her commitment to share her experience, as difficult as it is, is exemplary."

Jennifer has spoken to many groups in various parts of the country, but she admits that driving to New York City, the same route her husband took on that fateful day, is

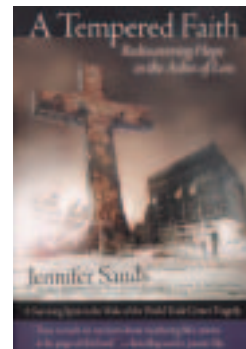
not easy. She has only been to Ground Zero twice, and both times were more than she could handle. "Seeing that raw pit of devastation was difficult because I looked at it as what my life became without Jim," she says. "I prefer to remember Jim for the way he lived, not the way he died. Being at Ground Zero was the reminder of the way he died, and I try to avoid it at all cost."

Jennifer will always hold her husband dear to her heart. And she wears a heart-shaped pendant with a laser imprint of Jim's face. She is

also in the midst of working on a new book, a sequel that will expand on her emotional and spiritual journey.

"People have been asking me how I have been since the release of the first book," she says, "and this is a way to show them. It's a work in progress, but it is something that means a lot. Writing is a way for me to keep Jim's memory alive. But no

matter what I do or where I am, he'll always be close to my heart.



"PLEASE, GOD, REMIND ME THAT NOTHING IS GOING TO HAPPEN TO ME TODAY THAT YOU AND I TOGETHER CAN'T HANDLE."

JENNIFER'S NEW DAILY PRAYER

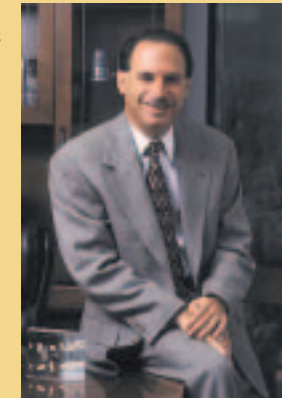
"WHEN I TURNED ON THE TV, I COULDN'T BELIEVE WHAT I WAS LOOKING AT. IT WAS LIKE LOOKING AT THE END OF THE WORLD...IT WAS THE END OF MY WORLD."

JENNIFER TREBINO-SANDS P'89

A Tempered Faith: Rediscovering Hope in the Ashes of Loss is available at all bookstores and online at Amazon.com and www.jennifersands.com.

LEONARD S. JACOB P'70, MD, PhD

To say that Leonard Jacob has been busy since graduating in 1970 would be an understatement. As founder and CEO of InKine Pharmaceutical, located in Blue Bell, Pa., he has grown this NASDAQ-traded company in seven years from \$5 million to \$200 million. In addition, InKine currently holds eight patents and has received FDA approval for its breakthrough prescription drug, Visicol, a pre-colonoscopy pill. Visicol offers patients an alternative to drinking volumes of an unappetizing liquid. This is great news for anyone needing to undergo a colonoscopy. In the past, the patient had to consume large quantities of an awful-tasting solution over a period of several hours in preparation for the procedure. While the colonoscopy procedure itself is painless, preparation made undergoing a colonoscopy an uncomfortable proposition. Potentially, this pill has the power to persuade thousands of otherwise-reluctant people to submit to a colonoscopy, which will in turn enable doctors to detect colon cancer in its early stages, thereby saving patient lives.



Dr. Jacob also helped Magainin Pharmaceuticals Inc. grow into a successful enterprise. He spent seven years as co-founder and chief operating officer at Magainin before it became Genaera Corporation, also a NASDAQ-traded company.

After leaving USP, Dr. Jacob furthered his education at Temple University School of Medicine by earning his PhD in pharmacology and continuing to the Medical College of Philadelphia where he earned his medical degree and served on its board of directors for 12 years. He then went on to become the youngest worldwide vice president for clinical research at what was then SmithKline Beecham before branching out on his own.

In addition to his research, Dr. Jacob has also given a great deal back to his community. He held a free clinic at Bryn Mawr Hospital for a number of years and serves on several charitable boards, with a particular focus on organizations that serve young people. He is currently on the Board of Recording for the Blind and Dyslexic (a nonprofit service organization for the visual and learning disabled), and Saving Face (a nonprofit service organization for facially disfigured children). Dr. Jacob also established the Edith and Morris Jacob Outreach Program in memory of his parents. His goal is to bring this audio learning model into Philadelphia area public schools. Dr. Jacob recently established the Ronald Tallarida Fellowship in Pharmacology at Temple University School of Medicine in honor of his mentor.

Dr. Jacob resides with his wife, Sandra, in Villanova and Southwest Florida.

ROBERT C. DENNY P'68

After graduating from USP in 1968, Dr. Denny went on to earn a doctor of osteopathy degree from Philadelphia College of Osteopathic Medicine in 1973. In 1988, he became the medical director of Woodbine Developmental Center in Woodbine, New Jersey.

In 2001, Dr. Denny was asked to join a group of concerned citizens to address the lack of health care for a large number of Cape May County residents. This group formed the organization Cape Volunteers In Medicine (CVIM). CVIM was designed to provide health care for the underserved and uninsured citizens living and working in Cape May County.

Thanks to a generous donation from The Home Depot and a large group of hard-working volunteers, Cape Volunteers In Medicine refurbished a Cape May Masonic hall to house the CVIM free clinic that opened in March 2002.

CVIM is an independent, not-for-profit organization where volunteers staff the clinic and serve on its board of directors. Burdette Tomlin Memorial Hospital's chief of pharmacy, Joseph Walker P'77, provides volunteer consulting. A cadre of dedicated people, including other USP alumni, keeps the clinic going. Joseph's wife, Nancy Walker, MSN, ARNP, works as a nurse practitioner. The clinic's pharmacy, which operates primarily on medications donated by the representatives from various drug companies, was organized with the generous support of USP graduates. Kruti Desai PharmD'02, Solafa El-Shatanoufy P'00, PharmD'01, Ed Brennan P'57, and Richard Nevin P'63

(before his death) have been very active in the clinic's pharmacy. Keith Hartman P'94 and Scott Reef own and operate Medicap Pharmacy in Cape May Court House, and both donate funds and provide discounts to CVIM. The Court House Pharmacy and Family Health Pharmacy also provide generous discounts and financial support.

Currently, the CVIM clinic sees 20 to 25 patients a night, two nights a week. Additionally, CVIM's volunteer pharmacists assist those patients who are qualified with paperwork that enables them to receive free medication through various Drug Manufacturers' Patient Assistance Programs. Dr. Denny served as chairman of the board and volunteer medical director until January 2004 when a paid medical director was hired. Dr. Denny remains a volunteer consultant to CVIM. A USP alum who's committed to the health of his community, Dr. Denny's volunteer activism and leadership have made an important impact on many people. Under his guidance, CVIM brings a better quality of life to all who come through its doors.

Anyone interested in helping out at the clinic can contact Dr. Denny at 609.463.2VIM (2846).



A SITE SET ON ALUMNI A REVAMPED WEBSITE MAKES IT EASIER FOR ALUMNI & FRIENDS TO STAY CONNECTED TO THE UNIVERSITY

BY LESLIE H. LEVY AND JOHN M. MARTINO

A SONG ON THE RADIO transports you back in time. Suddenly, fond memories of a certain classmate, the proud feeling of getting an “A” on a biology exam, or recollections of eating lunch while happily chatting with friends during a break from classes stop you in your tracks.

Want to go back to those glory days again?

Visit University of the Sciences in Philadelphia’s new Alumni & Friends website (www.usip.edu/alumnifriends/) and take a virtual trip down memory lane, sans the radio tunes.

USP launched its new and improved Alumni & Friends website to provide a constant link between the University and its recent and longtime graduates. The site offers photos of alumni in a scrapbook section, a reading room with links to the *USP Bulletin* and the USP Annual Report, alumni profiles, links to news and events on and off campus, and an area where you can help invest in the future of USP by giving an on-line gift.

STACY ROSEMARIN P’83,

director of Alumni Relations within the Office of Institutional Advancement (OIA), says the goal of the Alumni & Friends website is “to increase involvement of alumni, friends, and parents on many levels,” adding that alumni will be able to “stay connected to the organizations they belonged to while on campus and see how USP sports teams, fraternities, or organizations are doing.”

Alumni were informed of the anticipated launch through a specially designed flash animation e-mail that featured a performance by the Kingsessing Singers as a variety of current and nostalgic images faded in and out on-screen. The buzz seems to have made its mark. The busiest spot on the refurbished site so far has been Alumni:

Update Your Information, where you can make any changes about your status or submit a class note or photo.

Not only does the site keep you updated on what is happening on campus, it also provides beneficial career support. You can seek more information about individual career counseling, graduate programs and continuing education opportunities, job postings, and career seminars and expositions, as well as find links to websites for professional organizations and research resources.

According to **ROBERT SPERA P’88**, a pharmacist for Eckerd Drugs in Upper Darby, another benefit of the Alumni & Friends website is the opportunity to network. “Who you know is invaluable,” says Spera, who has been active in the Alumni Association since 1999. “I ended a job one day and was hired the next because of all my contacts. I have had a wonderful career; thanks to USP. I strongly believe that in addition to attending the reunions, alumni should visit the campus and the new buildings.”

Rosemarin agrees, adding, “You never know when you’ll look for a new job or new employees or want to expand your horizons.”

Rosemarin; **ERICA SPIZZIRRI**, assistant director of the Capital Campaign; **AMY CHRISTOPHER**, USP webmaster; and other members of USP’s ad hoc IOA Web team helped revamp the Alumni & Friends website. USP’s University Relations Department developed a postcard (*pictured left*) to announce the site. The group hopes that the alumni will be attracted to the new look and improved feel and will be encouraged to visit frequently.

“The Alumni & Friends site needed to be more current and crisp,” says Spizzirri. “We want alumni to have the best source possible to keep them updated about their alma mater and fellow alums, while keeping us updated at the same time.”

“The site might entice some to attend an event, locally or far away, or someone may want to contact a favorite professor,” says Rosemarin. “It’s so easy to navigate and has so much to offer, including alumni profiles that are updated frequently.” You also have an opportunity to give back to the University—virtually. By filling out a form on-line, you can easily and securely contribute gifts and donations to the Annual Fund.

The site also provides you with a number of resources, including ways to contact faculty members, learn more about graduate programs at USP, access on-line the J.W. England Library and its many periodicals, become an active member of the Alumni Association, purchase USP merchandise, and much more.

Members of USP’s Alumni Association were thrilled with the newly designed site. They believe more graduates will become actively associated with their alma mater and may decide to join their association as well.

“For the first time, the Alumni Association is working on a strategic plan that is synergistic with the strategic plan for the University,” says **JANICE GASKA P’79, PharmD’82**, president of the Alumni Association. “We want to track the activities and committees of the Alumni Association, because we have goals and objectives for each and knowing what we accomplish is important. All this information will be on the Web.”

“I’ve been active with the alumni association since I was a work-study student,” says **STEPHANIE BEAN MPT’89**, vice president of the Alumni

Association, “and I’ve always liked reading the personal and professional news and getting updates about campus changes, be it a new building or new course/degree offering. I enjoyed reading on-line about the new Athletic/Recreation Center while it was under construction.”

So, if you desire to walk down memory lane, then let your fingers do the walking this time and visit the USP Alumni & Friends website at <http://www.usip.edu/alumnifriends/>.

You will be able to find out how some of your former classmates are faring, plus gain a wealth of information about professional offerings and what’s happening on campus. Once you open the USP Alumni & Friends website, you’ll bookmark it as one of your favorite places to go.

“IT’S SO EASY TO NAVIGATE AND HAS SO MUCH TO OFFER, INCLUDING ALUMNI PROFILES THAT ARE UPDATED FREQUENTLY.”
STACY ROSEMARIN P’83
Director of Alumni Relations

WWW.USIP.EDU/ALUMNIFRIENDS/

A SITE TO SEE:
SOME OF THE FEATURES YOU’LL SEE ON THE ALUMNI & FRIENDS WEBSITE:

News and Events: Find out what’s happening on and around campus.

Scrapbooks: View pictures of alumni at various events locally, regionally, and nationally.

Update Your Information: Make sure information about you is up to date through an on-line form.

Class Notes: Submit your baby, wedding, and professional announcements for your fellow alums to see.

Event Registration: Simply sign up for an event on-line.

Giving to USP: Invest in the future of USP by gifting on-line to the USP Annual Fund. You can even find whether your employer or corporation participates in “matching gifts” grants.

Alumni Profiles: Read about featured alumni’s achievements and accomplishments.

Careers & Professional Education: Take advantage of continuing career support and resources available to alumni.

Alumni Association: Get involved and learn how you can help shape the future of your alma mater.

Working with USP: Learn the impact your corporation’s or foundation’s contributions have meant to USP.

SURF’S UP!



MAKING A WORLD OF DIFFERENCE

TWO STUDENTS HELP CHILDREN OVERSEAS BY VOLUNTEERING IN AFRICA

BY JOHN M. MARTINO

AFRICA is a land that attracts visitors from all over the globe who gaze upon exotic wild animals and plant life, visit ancient tribal communities and civilizations, or bask in the sun on uncrowded beaches in the year-round temperate climate.

Africa also has an alter ego. The continent is engulfed with escalating health threats—malaria, HIV/AIDS, measles, mass hunger and starvation—that are endangering and killing its impoverished civilians, reducing the life expectancy in some parts to around 34 years of age. This was the side of Africa two University of the Sciences in Philadelphia (USP) students came to visit. The safaris, wildlife parks, and many other tourist attractions were not on their agenda.

Although ISHA SHAH PharmD'09 and SONYA COMBS, a graduate student in the health psychology program, took different paths to get to Africa, they were essentially on the same journey to educate children through health awareness initiatives. Shah traveled to West Africa last December as a representative for the Measles Initiative in Africa, while Combs has traveled to several South African communities over the past year for a health promotion project geared toward reducing the risks of adolescents contracting HIV/AIDS.

Shah's passion for making a positive difference has intensified over the years. While a student in Bensalem High School, she was given an article about the Measles Initiative, a long-term commitment by various organizations, led by the American Red Cross, to control measles deaths in Africa by vaccinating 200 million children. Before the Measles Initiative, each year about 500,000 children in Africa died from measles, according to the American Red Cross. Shah was so inspired that she helped organize a fundraiser at Bensalem High School, planned a 5K fundraiser run, and gave numerous presentations in the regional area.

"Working with the Measles Initiative helped me take the focus off my own life and allowed me to put my time and efforts into a more meaningful activity," says Shah. "A measles vaccine costs approximately 80 cents. This was the 80 cents stuck underneath the couch or put away in the penny jar. It was the tax on an item purchased, and the same 80 cents could help a child survive the most deadly vaccine-preventable disease—measles."

WHILE IN WEST AFRICA, Shah met the people of Gambia and Senegal, visited several vaccination sites, and learned about the social mobilization efforts in the country. She was able to experience everything from meeting with the Minister of Health in Gambia to giving vitamin A drops to young children six months to five years old. Channel One News, a daily, televised newscast broadcasted to 12,000 schools around the country, featured Shah and a fellow volunteer for the Power of One segment in which an outstanding example of teens making a difference is featured. In the past 18 months, the girls have raised enough money to save more than 600 children from the deadly disease.

"My most memorable experience was with a 15-year-old boy named Babucarr," said Shah. "Two of Babucarr's friends took my arm and put their arm against mine to show how pale my brown skin looked in comparison with their arms. Just then, Babucarr walked over and pointed to his hand and said 'Underneath the skin, the blood is the same' and casually walked by. That was a powerful statement of tolerance and welcoming diversity. It was then that I realized that on this trip I would not only be learning about the Measles Initiative campaign but the lifestyles, cultures, and values of the Gambians as well."

BULLETIN BOARD



“A MEASLES VACCINE COSTS APPROXIMATELY 80 CENTS... THE SAME 80 CENTS COULD HELP A CHILD SURVIVE THE MOST DEADLY VACCINE-PREVENTABLE DISEASE—MEASLES.”

ISHA SHAH PharmD'09

Combs is using her experience in Africa toward her practicum credit. As a research coordinator at The Center for Health Behavior and Communication Research at University of Pennsylvania's Annenberg School for Communication, she has worked on various projects, including the South African Adolescent Health Promotion Project, which focuses on HIV/AIDS prevention and other health-related issues pertinent to South Africans. The five-year project, conducted in schools throughout East London, South Africa, has been designed to be educational, enjoyable, and culturally appropriate.

Adolescents who participate in the project are assigned to one of two groups for six two-hour sessions, where they learn information such as wound care, pedestrian safety, how to manage a good diet, sexual transmitted disease/HIV/AIDS prevention, and negotiation skills.

In the three times she has been to South Africa, Combs has assisted in implementing pilot intervention sessions for children that were conducted in both English and Xhosa, the dominant language of Southeastern Africa. She also helped coordinate follow-up questionnaire sessions at the various schools and performed numerous administrative tasks.

“The project is making a tremendous difference in the lives of South African adolescents and their parents,” says Combs. “The children were

overzealous to attend and participate in each session, and they were extremely humble and grateful to be involved in the program. Their parents reported that the project has opened the doors of communication between them and their children to talk about sensitive issues such as sex and puberty. They also said it's giving children an opportunity to learn and have access to important lifesaving information that they themselves were not exposed to as children.

“The experience of working in another country with another culture is certainly a once-in-a-lifetime opportunity,” says Combs. “It has undoubtedly impacted my life and will always be cherished. I have not completely processed exactly how it has impacted my life, but I am certain that this is a chapter in my book of life that is ongoing.”

The students have not only made positive impressions with the children but also with their program directors and fellow volunteers.

“I originally thought Isha was shy, but she surprised me at every turn,” says

Jessica Sapalio, associate for the Measles Initiative National Youth Campaign. “Whether we were interacting with Gambia Red Cross officials, Red Cross youth volunteers, teachers, or children waiting for a vaccination, Isha found a way to communicate and make a connection. She took her role very seriously and effectively conveyed the messages

of the Measles Initiative as she was followed by the media. Isha's humanitarian spirit has made working with her a delight.”

According to Gladys Thomas, center administrator for The Center for Health Behavior and Communication Research at Penn: “This was a great opportunity for someone like Sonya who was able to promote health behaviors and reduce health risks in a country that desperately needs it. Sonya is a dedicated and conscientious person who was very warm and engaging with the youth she came into contact with. It was a pleasure working with her.”

The volunteer bug has not left the two students; in fact, it has grown stronger in large part to their experiences in Africa. Shah is continuing her efforts with the Measles Initiative and is currently planning a 5K Race to Eradicate Measles, tentatively scheduled for spring 2005. Combs visited South Africa in September and returned in November. She will use the knowledge she gained overseas to establish a career that revolves around research and focuses on health care and quality-of-life issues.

A photo journal of Shah's volunteer work in Africa can be viewed at www.channelone.com/power/2004/02/18/measles/.

To make a donation to the Measles Initiative, visit www.measlesinitiative.org and click on Donate Now.

To contact a representative from the South African Adolescent Health Promotion Project, visit <http://www.asc.upenn.edu/healthpsych/>.



“THE PROJECT IS MAKING A TREMENDOUS DIFFERENCE IN THE LIVES OF SOUTH AFRICAN ADOLESCENTS AND THEIR PARENTS.”

SONYA COMBS, graduate student
(pictured, center)

NEW FACES Excitement and energy are evident at the University each fall as a new crop of students are welcomed. But first-year students are not the only fresh faces in classrooms and on campus. New full-time faculty members also contribute to the air of excitement on campus each fall. Their expertise and diverse academic experiences add to the rich education USP students have come to expect and appreciate.

The following individuals were appointed to full-time faculty positions for the 2004–05 academic year:

EVA AGBADA, MS
Instructor, Information Science
SHAWN BOYLE, PharmD
Instructor, Clinical Pharmacy

PHILIP GEHRMAN, PhD
Assistant Professor, Psychology
VICKY CHAN, PharmD
Assistant Professor,
Clinical Pharmacy

SUSANNA J. DODGSON, PhD
Director, Professor,
Biomedical Writing Program
EMILY HAJJAR, PharmD
Assistant Professor, Clinical Pharmacy

ZHIJUN LI, PhD
Assistant Professor, Bioinformatics
and Biochemistry
ALICIA REESE, PharmD
Assistant Professor,
Clinical Pharmacy

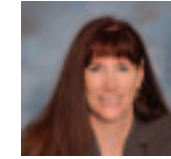
VOJISLAVA TORBICA-POPHRISTIC, PhD
Assistant Professor, Chemistry

LORA PACKEL, MS
Assistant Professor,
Physical Therapy
(not shown)

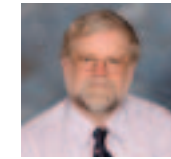
GREGORY THIELMAN, MS
Assistant Professor,
Physical Therapy
(not shown)



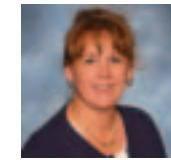
MARGARET KASSCHAU, PhD
Associate Vice President for
Academic Affairs
SUZANNE TRUMP, MDiv
Assistant Dean of Retention
and Academic Advising



SUZANNE MURPHY, PhD
Acting Cochair, Biology
ANDREW PETERSON, PharmD
Interim Chair, Pharmacy
Practice/Pharmacy Administration



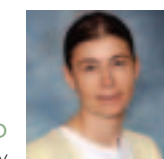
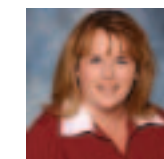
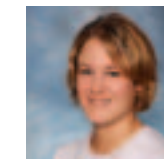
JOHN PORTER, PhD
Acting Cochair, Biology
JOSEPH RUANE, PhD
Acting Chair, Social Sciences



SUSAN WAINWRIGHT, MS, MPT
Acting Chair, Physical Therapy

**FAMILIAR PROFESSORS
NEW RESPONSIBILITIES** Several well-known professors assumed newer and more challenging responsibilities. Each has been recognized for years of dedication and commitment to their respective departments as well as the University as a whole.

The above faculty members have been named to leadership positions for the 2004–05 academic year.



BOY SCOUTS HONOR DR. GERBINO WITH GOOD SCOUT AWARD

The Cradle of Liberty Council of the Boy Scouts of America honored USP president **DR. PHILIP P. GERBINO** with a Good Scout Award at its 15th Annual Health Services Dinner on June 24. The annual tribute is designed to recognize key business leaders from the health services industry who exemplify in their lives the ideals of the Boy Scouts of America as expressed in the Scout Oath and Law. Recipients are chosen for outstanding community service as evidenced by the interest and leadership given to many worthwhile organizations as well as the respect and esteem in which the person is held by colleagues.

Dr. Gerbino is a past chairman of the Cradle of Liberty Council of the Boy Scouts of America. The organization also honored Daniel J. Hilferty, president and CEO of AmeriHealth Mercy Health Plan. The Cradle of Liberty Council was created in 1996 through the consolidation of the former Philadelphia and Valley Forge Councils. It serves more than 64,000 youth in over 1,000 units, making it one of the largest councils in the nation. Governed by a board of directors comprised of leading citizens and staffed by a professional scouter team, the council is charged with both promoting and carrying out all types of scouting programs in the Philadelphia, Delaware, and Montgomery counties.



USP President Dr. Philip P. Gerbino and his wife Valerie.

SIR MICHAEL RAWLINS SPEAKS ABOUT U.S. AND U.K. HEALTH CARE SYSTEMS

Sir Michael Rawlins, chairman of the National Institute for Clinical Excellence (NICE), part of the United Kingdom's National Health Service (NHS), visited USP in August to speak to the local life sciences community about the evolving business climate in the UK health care system as well as the role of NICE. The discussion also included the differences between the U.S. and U.K. health care systems and how NICE can work

with U.S. industry in regard to the adoption of new health technologies in the U.K. Sir Michael has been

professor of clinical pharmacology at the University of Newcastle since 1973. He is also a consulting physician and clinical pharmacologist to the Newcastle Hospital's NHS Trust. He was vice-chairman (1987–1992) and chairman (1993–1998) of the Committee on Safety of Medicines and is currently chairman of the Advisory Council on the Misuse of Drugs.

NICE has played a vital role in evolving the business environment surrounding the U.K. health care system, working to build relationships with industry. It was set up to provide consistent and complete guidance to health care professionals in the U.K.'s National Health Service (NHS), throughout England and Wales. NICE assesses new treatments and technologies that have been proposed for use within the NHS and ensures that they are implemented effectively. Planned NHS growth will see its expenditures increase from the current level of \$126 billion to more than \$180 billion in 2007.



From left to right; Delbert S. Payne, DSc, chairman of USP57's board of trustees; Barbara J. Byrne, PhD, vice president for academic affairs; and Cathy Poon, PharmD, associate professor of clinical pharmacy and president of the faculty council.

OPENING CONVOCATION MARKS START OF ACADEMIC YEAR

For the second consecutive year, USP celebrated the beginning of a new academic year through an opening convocation ceremony. Faculty donned their academic regalia and participated in a procession across campus. They assembled in the main gymnasium of the Athletic/Recreation Center, where students and staff members were waiting. USP president **DR. PHILIP P. GERBINO** officially welcomed new and returning students and faculty to campus.

Welcoming remarks were also delivered by **DELBERT S. PAYNE**, DSc, chairman of USP's board of trustees; **BARBARA J. BYRNE, PhD**, vice president for academic affairs; **CATHY POON, PharmD**, associate professor of clinical pharmacy and president of the faculty council; and **THOMAS DRAMES, MB'04**, president of the Student Government Association.

The ceremony included a performance of the alma mater by the Kingsessing Singers. It was immediately followed by the groundbreaking for the new Science and Technology Center and a campus-wide reception.

TWENTY-FIRST EDITION OF REMINGTON RELEASED

For more than 100 years, *Remington: The Science and Practice of Pharmacy* has been the definitive text and reference source for the science and practice of pharmacy. The recently released 21st edition keeps pace with the changes in pharmacy curriculum and professional pharmacy practice in general, maintaining its level of distinction in the field of pharmacy. The textbook covers the entire scope of pharmacy education from the history of pharmacy and ethics to the particulars of industrial pharmacy and pharmacy practice.

Remington presents a balanced view of the field with authors from more than 32 different universities, plus contributors from industrial, private, and governmental practices. Every chapter has been carefully reviewed, revised, and edited to reflect new information in the field. The editorial board for the 21st edition is new and much more diverse in expertise. It consists of faculty from various institutions and USP, including **ARA DERMARDEROSIAN, PhD**, and **PARDEEP GUPTA, PhD**.

The 21st edition has been reorganized and includes useful monographs in one section. Readers will be able to access crucial information more easily. They will have access to a CD-ROM version of the text that will allow them to locate a topic, view the content from the book, bookmark pages of interest, and add notes to refer to later.

To order the 21st edition of *Remington: The Science and Practice of Pharmacy*, visit www.lww.com.



OCCUPATIONAL THERAPY STUDENTS HELP CHANGE AND IMPROVE LIVES

USP occupational therapy students used their skills to impact the lives of people with intellectual and developmental challenges at an occupational training center in Berlin, NJ. Through a partnership between the occupational therapy department at USP and the Association for Retarded Citizens (ARC) of Camden County's Occupational Training Center (OTC), the students developed activities to improve self-care, enhance leisure exploration, and modify the environment for the OTC's consumers (employees) who have developmental disabilities. As a result, production at the OTC has increased from less than 800 products per day to 4,000 products. In addition, the percentage of consumers engaged in productive work skills has improved from 50 percent to 100 percent.

GERALDINE SHEA, MA, OTR/L, clinical instructor of occupational therapy at USP, says the partnership has not only benefited the consumers at the OTC but has also given USP students an opportunity to practice the theories and approaches they have learned in class.

"Since our students came to the training center, we have seen a non-productive worksite become a productive and joyous site," says Shea. "The experience at the OTC was one of those special moments in a career when you know you have made a profound difference. There was such a positive ripple effect. Our students' involvement increased work production, increased the consumers' self-esteem, increased the salary pay for the consumers, and allowed the OTC to take more complex jobs. Also, the students saw firsthand how profoundly occupational therapy can change the quality of people's lives."

The ARC of New Jersey is a statewide, private, nonprofit advocacy organization founded in 1947 by a group of parents who had a vision of building a better quality of life for people with mental retardation and their families. Consisting of a state office and 19 county chapters, the organization is affiliated with The Arc, a national organization on mental retardation with 1,200 chapters nationwide.

"WE HAVE SEEN A NONPRODUCTIVE WORKSITE BECOME A PRODUCTIVE AND JOYOUS SITE."
GERALDINE SHEA, MA, OTR/L

COLLABORATION WITH DIA OFFERS OPPORTUNITIES FOR MBA STUDENTS

USP's MBA in pharmaceutical business students can enroll in selected specialty training courses offered by the Drug Information Association (DIA), as part of a unique collaboration between DIA and USP. The partnership also involves DIA promoting the program to its members, who may enroll in courses in USP's MBA or executive MBA program at a reduced rate of tuition.

DIA courses, like USP's MBA courses, focus on a number of topics pertaining to the pharmaceutical industry that are taught by professionals who are experts actively practicing in their particular disciplines. DIA courses may be applied toward students' credit hours in the MBA in pharmaceutical business program.

DIA, founded in 1964, is a nonprofit, scientific, member-driven association, evolved from a founding group of 30 professionals employed in academia and the pharmaceutical industry, into an organization with more than 27,000 members. DIA annually organizes more than 100 meetings, training courses, and workshops around the world. DIA's vision is to be universally recognized as the world's premier member-driven organization encompassing the full continuum of disciplines in the pharmaceutical and related industries and to be valued as the professional development authority.

HIGH SCHOOL STUDENTS EXPLORE HEALTH CAREERS THROUGH GEAR UP PROGRAM

Eleven high school students from the School District of Philadelphia's Southwest Academic Area participated in a summer enrichment program at USP to help them improve their skills and explore careers in the health sciences. The program was developed by USP as part of the Gaining Early Awareness and Readiness for Undergraduate Programs (GEAR UP).

During the four-week program held in July, students developed their communications and mathematics skills, demonstrating gains in their post-test scores. They also conducted chemistry experiments that are usually performed by high school or first-year college students. Students also learned about careers in biology, research, chemistry, physical therapy, occupational therapy, and pharmacy. Through these hands-on experiences, they developed a better understanding of what it takes to be a natural or health scientist.



"USP's faculty, mentors, and staff were impressed with the students' engagement levels, enthusiasm, and dedication to their studies," says **LOIS PECK, MEd, EdD**, GEAR UP project director. "We set high expectations, and the students exceeded them. They met the challenges and performed at levels they never thought possible."

GEAR UP is funded by the federal government through the United States Department of Education. The national grant program was the legislative brainchild

of Philadelphia's own Congressman Chaka Fattah. USP is a part of the University City and West Philadelphia Clusters, two of the seven Philadelphia School District Clusters participating in the program.

INCOMING STUDENTS RECEIVE WARM WELCOME

The beginning of college life can be daunting for first-year students, but USP greeted freshman students through a weeklong mix of events through "Welcome Week" to introduce them to USP and provide them with a sense of community. Students interacted with faculty, academic advisors, and upper-class students. The festivities included tours of the campus and surrounding neighborhood, games, and a luau.

As part of the activities, students created school bags for grade-school children of Wilson Elementary School, located at 46th Street and Woodland Avenue. They also presented essays on and discussed James McBride's *The Color of Water: A Black Man's Tribute to His White Mother*, a book chosen by Philadelphia Mayor John F. Street for this year's One Book, One Philadelphia program. Welcome Week concluded on September 2 with USP's Opening Convocation, which ceremoniously began the start of the academic year.



NEW MEMBERS ELECTED AND APPOINTED TO BOARD OF TRUSTEES

FIVE NEW MEMBERS were elected and an alumni representative member was appointed to serve on the board of trustees of University of the Sciences in Philadelphia. The responsibilities of USP's board of trustees include approving the University's strategic plan and ensuring its consistency with the institution's mission and goals. The new members are **PAULO COSTA, JOSEPH M. MAHADY, KENNETH L. MURTHA, JOSEPH PAPA, DR. GAIL WILENSKY, AND KATHLEEN R. MAYES P'76, PharmD'78** (alumni representative).

PAULO COSTA

Mr. Costa is president and CEO of Novartis Pharmaceuticals Corporation (NPC). NPC researches, develops, manufactures, and markets leading innovative prescription drugs to treat a number of conditions, including central nervous system disorders, organ transplantation, cardiovascular diseases, dermatological diseases, respiratory disorders, cancer, and arthritis. The company's mission is to improve peoples' lives by pioneering novel health care solutions.

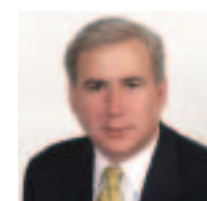
He joined NPC in 1999. Under his leadership, the company has experienced dramatic growth and is now one of the top ten pharmaceutical companies in the country. Prior to joining Novartis, Costa was president of Janssen Pharmaceutica, the pharmaceutical subsidiary of Johnson & Johnson.

A graduate of the Getulio Vargas Foundation's Sao Paulo School of Business Administration in Brazil, he earned a master's degree in business administration from Harvard Business School.

JOSEPH M. MAHADY

Mr. Mahady is senior vice president of Wyeth Pharmaceuticals and the president of North America and global businesses at Wyeth Pharmaceuticals. He oversees the North American operations and the four Global Business Units: women's health care, vaccines, biopharma, and pharmaceuticals. He has been

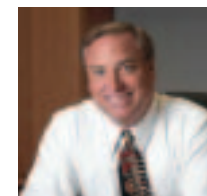
with divisions of Wyeth for 25 years. As a pharmacist, he joined what was then Ayerst Laboratories in regulatory affairs. He has since held positions in new product planning, marketing, Wyeth Corporate, and general management of Wyeth. He



is a member of the Wyeth Corporate Management Committee, the Wyeth Corporate Operations Committee, and the Wyeth Pharmaceutical Executive and Management Committees. He is a member of the American Pharmacists Association, the HealthCare Institute of New Jersey, the National Pharmaceutical Council, the North American Menopause Society, the Academy of Managed Care Pharmacy, the New Jersey Pharmacist's Association and the Pennsylvania Pharmacists Association. He earned a BS in pharmacy degree from St. John's University College of Pharmacy and Allied Health Professions in New York and his MBA from Fairleigh Dickinson University.

KENNETH L. MURTHA

Mr. Murtha is currently the vice president of operations at AstraZeneca Pharmaceuticals located in Wilmington, Delaware. His career began with Merck Pharmaceutical Company in the quality organization. After numerous promotions across quality, manufacturing, and technical services, he



was elected as one of the original founders of Astra Merck Inc. Throughout the 1990s, he served as head of operations for Astra Merck and Astra Pharmaceuticals. In 1999, he assumed the role of vice president of supply chain operations and strategy for AstraZeneca. In September 2001, he was elevated to the position of officer at AstraZeneca US, where he has responsibility for all aspects of business operations in the U.S.

He is a licensed pharmacist in Pennsylvania and a member of the PDA and International Society of Pharmaceutical Engineering (ISPE). He is a board member of the Delaware State Chamber of Commerce and the American Red Cross of the Delmarva Peninsula.

He received a BS degree in pharmacy from the University of Pittsburgh, graduating magna cum laude and receiving the Robert W. Taylor Award for outstanding student in pharmacy practice.

JOSEPH PAPA

Mr. Papa is president and chief operating officer for Watson Pharmaceuticals, Inc., where he is responsible for the commercial, research and development, business development, and the supply chain organizations. Prior to joining Watson, he was president and chief operating officer of DuPont Pharmaceuticals Company, where he was responsible for U.S., international, and European operations, as well as for manufacturing and the quality assurance and regulatory compliance organizations. Prior to joining DuPont, he was president of the North America Global Country Operations for Pharmacia Corporation.



A registered pharmacist, he received a bachelor of science degree in pharmacy from the University of Connecticut and a master's of management degree in marketing and finance from the J.L. Kellogg Graduate School of Management at Northwestern University.

GAIL WILENSKY, PhD

Dr. Wilensky is a senior fellow at Project HOPE, an international health education foundation, where she analyzes and develops policies relating to health reform and to ongoing changes in the medical marketplace. From 2001 to 2003, she cochaired the President's Task Force to Improve Health Care Delivery for Our Nation's Veterans, which covered health care for both veterans and military retirees.

From 1997 to 2001, she chaired the Medicare Payment Advisory Commission, which advises Congress on payment and other issues relating to Medicare, and from 1995 to 1997, she chaired the Physician Payment Review

Commission. Previously, she served as deputy assistant to President (GHW) Bush for Policy Development, advising him on health and welfare issues. Prior to that, she was administrator of the Health Care Financing Administration, overseeing the Medicare and Medicaid programs.

Dr. Wilensky testifies frequently before Congressional committees, acts as an advisor to members of Congress and other elected officials, and speaks nationally and internationally before professional, business, and consumer groups, including last year at USP where she was one of the panelists for the Future of Medicare symposium.

She received a bachelor's degree in psychology and a PhD in economics at the University of Michigan. She also received an honorary degree of science from USP.

KATHLEEN R. MAYES, PharmD

Dr. Mayes has more than 25 years experience in the pharmaceutical industry. In 1991, she founded Applied Clinical Communications (ACC), a specialty medical education company that served the pharmaceutical industry. Prior to that, she was a partner and executive vice president for Integrated Communications, Inc., now part of The Interpublic Group of Companies. She began her career as a clinical pharmacist at The



Childrens Hospital of Philadelphia and then became the medical director at the Sieber & McIntyre advertising agency, which became part of McCann Erickson, now part of The Interpublic Group of Companies.

In 2000, Dr. Mayes sold ACC to United-Health Group/Ingenix Pharmaceutical Services, now Ingenix. She stayed at the company for two more years before retiring. She was also a member of the board of directors for the American Medical Women's Association Foundation.

She received a BS in pharmacy degree and a doctor of pharmacy degree from Philadelphia College of Pharmacy and Science, now USP.

SCHOLARLY ACTIVITIES

ACADEMIC ADVISING

Appointment

SUZANNE TRUMP ♦,

- Appointed to the advisory board on early-alert strategies and advising by Noel-Levitz, the nation's leading higher education consulting firm.
- Appointed to the National Academic Advising Association Mid-Atlantic Region-2 Chair. Term begins October 9 and runs through October 2006. The Mid-Atlantic region encompasses Pennsylvania, New Jersey, Delaware, Maryland, Virginia, and Washington, DC.

ADVANCE CONCEPTS

Publications

JOSHUA SPOONER ♦♦, ET AL.,

"Treatment Costs Associated with Commonly Used Branded Antibiotics for the Acute Sinusitis, Chronic Bronchitis, and Pneumonia," *J Appl Res.* 2004; 4: 24–36.

CAREER SERVICES

Presentations

RACHEL YUDELL ♦, "Making the Most of What You've Got: Creative Methods for Providing Career Services to a Diverse Range of Students in a Small School Setting" at the Eastern Regional Association for Colleges and Employers Regional Meeting in Pittsburgh, PA, August 8–11.

COLLEGE OF GRADUATE STUDIES

Conferences

JENNIFER CONNOR ♦,

- Attended the *History of the Book in Canada* Vol. 3 Authors' Conference at the Montreal Campus of the University of Sherbrooke, June 19–20.
- Organized a session "Knowledge on the Go: North American Institutions and the International Exchange of Scientific Text and Specimens, 1850s–1950s" at the Fifth British-North American Joint Meeting of the British Society for

the History of Science, the Canadian Society for the History and Philosophy of Science, and the History of Science Society in Halifax, Nova Scotia, on August 7.

Presentations

JENNIFER CONNOR ♦, "A 'Purely Scientific' Goal: Constructing an International Exchange of Biomedical Literature," at the Fifth British-North American Joint Meeting of the British Society for the History of Science, the Canadian Society for the History and Philosophy of Science, and the History of Science Society in Halifax, Nova Scotia, on August 7.

HAROLD GLASS ♦, ET AL.,

- "Models Identifying Variables Influencing Physician Adoption of Newly Launched Pharmaceuticals in the United States" at the ISPOR 9th Annual International Meeting in Arlington, VA, on May 18.
- "How Participation in Clinical Research Affects Subsequent Prescribing" at the DIA 40th Annual Meeting in Washington, DC, on June 16.

Publications

JENNIFER CONNOR ♦,

- "Lay Healing and Healers in Canada," a commentary about her use of the Canadian Institute for Historical Microreproductions research collection in the Institute's *Facsimile* newsletter, No. 26, pg. 24, in May.
- A review, *Quack, Quack, Quack: The Sellers of Nostrums in Prints, Posters, Ephemera, & Books* by William H. Helfand, in *Isis: Journal of the History of Science Society* 94 (2003): 516–17.
- A review, *Right Living: An Anglo-American Tradition of Self-Help and Hygiene*, ed. by Charles E. Rosenberg, in *SHARP (Society for the History of Authorship, Reading and Publishing) News* 13 (3) (2004): 7–8.

HAROLD GLASS ♦, "Researchers as Marketers: Strengthen Relationships with Phase III Investigators for More Successful New Product Launches," *Pharmaceutical Executive*, June 2004.

DEPARTMENT OF BIOLOGICAL SCIENCES

Grant

JOHN PORTER ♦, "A Novel Route to the Production of Podophyllotoxin" from the Elsa U. Pardee Foundation for Cancer Research for \$81,250. July 2004–June 2005.

Poster Presentation

TILMAN BAUMSTARK ♦, **CHARLES SAILEY ★,** "Brome Mosaic Virus RNA3 Interaction with GCD10, a tRNA Binding Host Factor from Yeast" at the Seventh International Symposium on Positive Strand RNA Viruses in San Francisco, CA, from May 27–June 1.

Presentations

JOHN PORTER ♦, ET AL., "Isolation of Podophyllotoxin from Endophyte Fungi of Podophyllum Peltatum" and "Isolation and Identification of Antimicrobial Compounds from a Member of the Celastraceae" at the International Congress on Natural Products Research in Phoenix, AZ, on August 1.

DEPARTMENT OF CHEMISTRY AND BIOCHEMISTRY

Letter to Editor

JOEL M. KAUFFMAN ♦, "[Patrick] Johnson Ignores Experimental Results [on Low-Carb Diets]," *Skeptic*, 11 (1), 32 (2004).

Presentations

YULEI JIANG ★, JOHN NIKELLY ♦, "Determination of Water in Organic Solvents Using LC with Indirect UV Detection" at the 228th American Chemical Society National Meeting in Philadelphia, PA, on August 24.

THANH GOEL ★, JOHN NIKELLY ♦, "Chiral Separation of Timolol Enantiomers by Capillary Electrophoresis" at the 228th American Chemical Society National Meeting in Philadelphia, PA, on August 24.

Reviews

JOEL M. KAUFFMAN ♦,

- "Bias in Recent Papers on Diets and Drugs in Peer-Reviewed Medical Journals," *J. Am. Physicians & Surgeons*, 9 (1), 11–14, 2004.

"Low-Carbohydrate Diets," *J. Scientific Exploration*, 18 (1), 83–134, 2004.

"Are the Biopositive Effects of Xrays the Only Benefits of Repetitive Mammograms?" *Medical Hypotheses*, 62 (5), 674–678, 2004.

"Water in the Atmosphere," *J. Chemical Education*, B81 (8), 1229–1230.

DEPARTMENT OF HUMANITIES

Presentations

MIRIAM DIAZ-GILBERT ♦, "The Benefits of Cooperative Learning, Peer Modeling, and Email: Improving the Argumentative Essay Writing Skills of ESL Writers" at the 2004 Annual Conference of the International Society for Exploring Teaching and Learning in Baltimore, MD, October 14–17.

Publications

MIRIAM DIAZ-GILBERT ♦, "The Vocabulary Knowledge of Pharmacist Students Whose First or Best Language Is Not English" *American Journal of Pharmaceutical Education*. This research was funded by a USP Summer Salary Research Grant.

ROY ROBSON ♦, book titled *Solovki: The Story of Russia told through its Most Remarkable Islands* was reviewed by the *New Yorker* and *The Times* (London).

DEPARTMENT OF INFORMATION SCIENCE

Publications

GINA KAISER ♦, book reviews of:

- *Another Sea, Another Shore: Persian Stories of Migration*, which appeared in *Library Journal*, Vol. 129, (6): 126, April 1.
- *The Whistlers' Room: Stories and Essays* by Richard Selzer, which appeared in *Library Journal*, Vol. 129, (9): 86, May 15.
- *The Sparkling-Eyed Boy: A Memoir of Love, Grown Up* by Amy Benson, which appeared in *Library Journal*, Vol. 129 (11): 70, June 15.

DEPARTMENT OF MATH, PHYSICS, AND COMPUTER SCIENCE

Presentations

ANATOLY KURKOVSKY ♦,

- "A Hierarchical Approach to Formalization of Distributed Computing Environments" at the 2004 International Conference on Pervasive Computing and Communications in Las Vegas, NV, June 21–24.
- "Simulation in Analysis of Sustainable Development: Goals, Planning, and Evaluations" at the 2004 International Conference on Modeling, Simulation, and Optimization" in Kauai, HI, August 16–18.

LIA VAS ♦, "Semisimplicity and Global Dimension of a Finite von Neuman Algebra" at the Ferrara Algebra Workshop in Ferrara, Italy, June 16–19.

Publications

ANATOLY KURKOVSKY ♦, Analysis of Prospective Areas of Collaborative Research Using Simulation Modeling at USP, Technical Report # USP-MPCS-04–01. University of the Sciences in Philadelphia, 2004.

DEPARTMENT OF OCCUPATIONAL THERAPY

Publications

PAULA KRAMER ♦, ET AL.,

- published a chapter,
- "Activity Synthesis as a Means to Occupation" in J. Hinojosa and M.L. Blount's, *The Texture of Life: Purposeful Activities in Occupational Therapy*, 2nd Edition, p. 136–158. Bethesda, MD: AOTA.
- "Preparing for the Future: How Activities Relate to Human Occupation" in J. Hinojosa and M.L. Blount's, *The Texture of Life: Purposeful Activities in Occupational Therapy*, 2nd Edition, p. 460–482. Bethesda, MD: AOTA.

DEPARTMENT OF PHARMACEUTICAL SCIENCE

Award/Honor

ADEBOYE ADEJARE ♦ was honored at the Ninth International Conference on Alzheimer's Disease and Related Disorders in Philadelphia, PA, in July for serving more than five years as a research grant reviewer for the USA National Alzheimer's Association.

National Service

ADEBOYE ADEJARE ♦, member of the Drug Development and Delivery Grant Review Section, National Institutes of Health, Washington, DC.

Presentations

AHMED EL-GENDY ♦, ADEBOYE ADEJARE ♦,

- "Membrane Permeability Related Parameters of a Novel Secretase Inhibitor" at the Ninth International Conference on Alzheimer's Disease and Related Disorders in Philadelphia, PA, in July.
- "Prediction of Intestinal and Blood Brain Barrier Permeability Utilizing Immobilized Artificial Membrane Chromatography" at the 228th American Chemical Society National Meeting in Philadelphia, PA, in August.

ADEBOYE ADEJARE ♦, ET AL.,

"Syntheses of Novel Fluorinated Phencyclidine Analogs: Variation of Ring Sizes" and "Design and Syntheses of Non-Peptide (-Secretase Inhibitors," at the 228th American Chemical Society National Meeting in Philadelphia, PA, in August.

Publications

AHMED EL-GENDY ♦, ADEBOYE ADEJARE ♦, "Membrane Permeability Related Physicochemical Properties of a Novel (-Secretase Inhibitor," *International Journal of Pharmaceutics*, Vol. 280, 47–55 in August.

DEPARTMENT OF PHARMACY PRACTICE AND PHARMACY ADMINISTRATION

Presentations

MICHAEL CAWLEY ♦♦,

"Fluoroquinolones: A Pharmacodynamic and Therapeutic Overview to Assist in Formulary Selection" at North Arundel Hospital in Glen Burnie, MD, in July, the Regional Directors of Pharmacy Guild Dinner Meeting in Philadelphia in May, and the Regional Clinical Pharmacists Anti-infective Interactive Discussion in Philadelphia in July.

SARAH SPINLER ♦,

- "Challenging the Heparin Paradigm in Venous Thromboembolism" at the Atlanta Academy Institutional Pharmacists on May 20.
- "Challenging the Heparin Paradigm in Cardiology: The Evidenced Based Role of LMWHs" at the University Pharmacotherapy Associates ACPE Accredited Continuing Education Program in Winterpark, FL, on May 25.
- "AF Forum: Management, Anti-coagulation and Stroke Prevention" at St. Luke's Roosevelt Hospital Pharmacy Grand Rounds, Academy for Healthcare Education ACPE-Accredited Continuing Education Program in New York, NY, on June 11.
- "American College of Cardiology Conversations with Experts: Low Molecular Weight Heparin In At Risk Pregnant Patients" Healthology webcast: http://conversations.acc.org/modules/conv/acc/0804d/transcript_print.asp, taped July 27.
- "Advancing into a New Era of Anticoagulation" at Johns Hopkins University Pharmacist and Physician continuing education program in Bradley Beach, NJ, on June 9.

Publications

WILLIAM MCGHAN ♦, *Principles of Pharmacoeconomics*, 3rd Edition, edited by Bootman JL, Townsend RJ and McGhan WF. Published by Whitney Books, 2004.

SARAH SPINLER ♦, ANDREW PETERSON ♦, ET AL., "Statins and Liver Toxicity: A Meta-Analysis," *Pharmother* 2004; 24 (5): 584–91.

SARAH SPINLER ♦, ET AL., "Dyslipidemias and HMG-CoA Reductase Inhibitor Prescription in Heart Transplant Patients," *Ann Pharmacother* 2004; 38: 1136–33.

DEPARTMENT OF PHYSICAL EDUCATION

Presentation

ROBERT HELLER ♦, "Wearing Many Hats: How SID's Integrate Multiple Responsibilities" at the Eastern College Athletic Conference Sports Information Directors Association workshop in Valley Forge, PA, on June 10.

DEPARTMENT OF PHYSICAL THERAPY

Awards

MIKE JOHNSON ♦,

- *IPTE Outstanding Service Award* from the Institute for Physical Therapy Education at Widener University on May 13.
- Best Research Platform Presentation for "The Treatment of Low Back Dysfunction by Different Healthcare Providers: An Analysis of Cost Using the Medical Expenditure Panel Survey" at the Health Policy and Administration Section, American Physical Therapy Association Combined Sections Meeting on February 6.

Presentations

MIKE JOHNSON ♦, ET AL.,

"Reliability of a Classification Protocol for the Assessment of Scapular Motion in Patients with Shoulder Pathology" at the First International Congress of Shoulder Therapists in Washington, DC, on May 2.

Publications

MIKE JOHNSON ♦, ET AL., "Scapular Rotation in Swimmers With and Without Impingement Syndrome: Practice Effects," *Med Sci Sports Exerc* 2004 July; 36 (7): 1117–23.

ALUMNI EVENTS

“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
 Director of Alumni Relations
 and Annual Fund
 215.596.8856 (local calls)
 1.888.857.6264 (toll-free)
 s.rosema@usip.edu

Left to right: Philip Sheridan PH/IX'84, Bob Graul P'69, Kathy Marano Scarlata P'86, and Tom Scarlata P'84 (San Diego Alumni Dinner on June 15).



Left to right standing: Glenn Garver P'71 and Jean Shafer. Left to right seated: Pat Garver and Wayne Shafer P'72 (Summer Happy Hours Windrift in Avalon, NJ, sponsored by CVS).



Left to right: Dolores Bruno Robinson P'46, Eleanor Walker Weaver P'46, Mary McWilliams Birkbeck P'46, Eleanor Brown Gordon P'46, Elaine S. Defree P'46, and Ida May Ritter Englehart P'46 (Kappa Epsilon Founders' Brunch, Home of Eleanor Gordon on May 27).



Left to right: Steven Chang P'78, Ted Lukaszewicz P'78, and Judy Bocco Lukaszewicz P'78 (NJPhA Breakfast in Atlantic City, NJ, on June 29).

Left to right: Zachary Klishevich PharmD'05, Liliam Spieker PharmD'05, and Pat Rhoads Klisevich P'75 (Delaware Pharmacist Society Wine Tasting Dinner in Dover, DE, on May 7).



Left to right standing: Chas O'Connor P'58, Jack Lagowski P'73, and Joe Kukulich P'54. Left to right seated: Dolores O'Connor (Women's Auxiliary), Geraldine Walsh (Women's Auxiliary), and Ellen Marie C. Kukulich. (Delaware Pharmacist Society Wine Tasting Dinner in Dover, DE, on May 7).



Physician Assistant Happy Hour at Manayunk Brewery on June 23.

Left to right: Dan Long P'79, Mike Katra, Ed Mattras P'75, Nick Katra PharmD'04, Michael Wunder P'78, Tim Spero HS'02, Henry Katra P'74, Mark Szilagyi P'76, Pat DeLong P'78, Mark Rechtenwald P'74, and Bob McNutt P'77 (Summer Happy Hours Windrift in Avalon, NJ, sponsored by CVS).



Left to right: Gina Cohn, Jerry Cohn P'82, and Christina Cohn (Alumni Visiting Campus on May 27).



Left to right: Donna Kim PharmD'06, Julie Kametz MPT'06, Eleanor Brown Gordon P'46, Brooke Baetz PharmD'06, Miriam Chehab (President KE/Student) PharmD'06, Jennifer Hoy, Rose Mary Batista Hoy P'82, Stacy Rosemarin P'83, Loralee Heckman PharmD'04, Charlene Zubko Richter P'83, and Nancy Kalibat McNutt (Kappa Epsilon Reunion at the home of Rose Mary Battista Hoy on July 24).

CLASS NOTES

IMPORTANT MESSAGE ABOUT CLASS NOTES PHOTOS

As the number of alumni increases each year, so does the volume of photographs and news items we receive for Class Notes. While we can publish the information, unfortunately, we cannot publish every photo sent to us. So, beginning with this issue, we will include a few randomly selected photos in this section as space allows. Though the pictures you send us may not be used in the publication, all photographs sent will be featured on-line for your fellow graduates to see. The Alumni & Friends website (see story on page 14) has a scrapbook section that will feature your photos. You can visit the site at www.usip.edu/alumnifriends/.

This change will provide more room in the *USP Bulletin* to print announcements of the important events in your life, such as promotions, new jobs, weddings, and birth announcements.

Class Notes updates can be sent to the University via e-mail. Please submit notes to m.schwar@usip.edu.

1941

NATHAN NEMEROFSKY P'41 is now living with his daughter in



Doylestown, PA. He would like to hear from any of his classmates living in the area. He was married for 61 years, until his wife's death in June 2003. He has three children: Larry, Ruthe, and Rachel.

1954

HARVEY LIPSCHULTZ P'54 and his wife Bobbi celebrated their 50th wedding anniversary on July 11. All of the ushers in their wedding party were members of the class of '54. The couple resides in Fort Washington, PA.

1955

ALAN J. VOGENBERG P'55 authored "A Fresh Look At Digoxin Monitoring," which appeared in the June issue of *Pharmacy Times*. He lives in Langhorne, PA.

1972

HENRY T. KOZEK P'72 (CPM'91, MPA'96, Rutgers University) spoke at the Health Care Association of New Jersey conference in Atlantic City, NJ, in March. The topic was Nurse Aide Regulatory Update to Nursing Home Administrators. In April 2004, he spoke at the Association of Directors of Nursing Administrators LTC conference in Atlantic City about "Nurse Aides and Background Checks" and at the National Council State Boards of Nursing conference in Austin, TX, about "Medication Aides in Assisted Living." In June, he spoke at the Annual Assisted Living Administrators Conference in Red Bank, NJ, on "Medication Issues in Assisted Living and Regulatory Update." He lives in Mount Laurel, NJ.

PAMELA K. STRONG C'72 (MS'74, Bryn Mawr College) was made a fellow of the Society for the Advancement of Material and Process Engineering. She is only the fourth woman to be elected to the position since the organization was founded in 1944.

1973

MICHAEL D. GWIRTZ P'73 married Anne Marie Shaw on June 21. They reside in Broomall, PA.

1974

CAROL L. ST. GEORGE B1'74 (DO'79, PCOM) recently received additional qualification in otolaryngic allergy from the American Osteopathic Board of Otolaryngology. She lives in York, PA.

1975

SHIRLEY J. CHAPMAN P'75 is retired from pharmacy and lives in Olympia, WA. She would love to hear from classmates if they come to her area.

1981

MICHAEL R. DELUCIA P'81 is medical scientific liaison of managed care for the northeast region of Forest Pharmaceuticals. He resides in Horsham, PA.

EDGAR R. GONZALEZ

P'81 (PharmD'83, University of Utah) has been named founding dean of the College of Pharmacy at the University of Appalachia in Grundy, VA.

1982

FRANK S. KONDRAD C'82 and **KAREN (HAGGERTY) KONDRAD** C'82 (JD'92, Widener University) both work for AstraZeneca in Wilmington, DE. Frank is brand manager for Nexium, and Karen is a senior patent attorney. They live in Hockessin, DE, with their two children Kristopher (17) and Michael (10).

1985

LINDA (PARK) D'ANDREA TX'85 (MD'90, Temple University) was featured in *Philadelphia Magazine's* annual medical issue, which focuses

on area physicians choosing "The Best of Their Peers." She was selected as a top doctor in the field of



orthopaedics for her specialty in treating children with spine deformities. She is a spine surgeon at Shriners Hospital for Children in Philadelphia and lives in Bluebell, PA.

1986

ERIC A. SHALITA P'86 (MS'96, St. Louis College of Pharmacy), son of **JACK SHALITA** P'60, recently completed a term of office as APhA APPM Specialized Pharmaceutical Services section member-at-large. He currently serves as a member of the editorial advisory board for the *Journal of the American Pharmacists Association* and the *Journal of Air Force Pharmacy*. He recently gave a presentation on the use of MED-MARX as a medication error analysis tool at APhA 2004. He is the commander of the 305th Medical Support Squadron at McGuire AFB, NJ.

1989

SEAN P. HENNESSY P'89, PharmD'90 (MS'96, University of Pennsylvania) was elected president of the International Society of Pharmacoepidemiology. His term began on August 25. He is an assistant professor of epidemiology and pharmacology at the University of Pennsylvania.

1991

ILA (MEHRA) HARRIS P'91, PharmD'93 and her husband Kevin announce the birth of their daughter Julia Marie on May 14. She joins big brother Sam (2). Ila works at the University of Minnesota as an assistant professor at the College of Pharmacy and an adjunct associate professor at the Medical School. She and her family live in Eden Prairie, MN.

1992

JEFFREY B. MUSSER P'92 (DO'98, PCOM) has been named medical director of medical and surgical ICUs at Madigan Army Medical Center in Tacoma, WA. He also serves as medical director of the inpatient respiratory care section. He lives with his wife Tina and their three children in Puyallup, WA.

GENEVIEVE PORTER LEVANS P'92 gave birth to a son, Harrison, on February 5, 2003. **CATHERINE (PORTER) ZRADA** P'83 and **MATTHEW M. ZRADA** C'80 (JD'95, Temple University) are the proud aunt and uncle. Genevieve is the owner of Falls Pharmacy in Philadelphia, PA, and lives in Fairview Village, PA.

1994

THOMAS R. KING MB'94 (MS'01, West Chester University) coauthored "Efficacy and Safety of Ezetimibe Coadministered with Simvastatin Compared With Atorvastatin in Patients With Hypercholesterolemia," published in the *American Journal of Cardiology*. He gave similar presentations at the March 2004 American College of Cardiology meeting in New Orleans, LA, and at the April 2004 European Society for Atherosclerosis meeting in Portugal.

He also gave a presentation titled "Effect of Treatment With Simvastatin Plus Fenofibrate on Triglyceride-Rich Lipoprotein Profile in Patients With and Without the Metabolic Syndrome" at the June 2004 Endocrine Society meeting in New Orleans, LA.

STEPHANIE (DREISBACH) WISDO P'94 graduated with honors from Rutgers-Camden School of Law with a juris doctor degree. She will join the firm of Ballard Spahr Andrews and Ingersoll, LLP, in Voorhees, NJ.

1995

LISA M. BUSH P'95 and Chris Cannoe were married March 25 on the beach in St. Thomas, U.S. Virgin Islands. Lisa is a pharmacy manager for Fry's in Phoenix, AZ, and was named pharmacy manager of the year in 2002. She and Chris live in Glendale, AZ.

1996

STEPHANIE (PARKER) SPONENBERG P'96 and her husband Todd announce the birth of their son Andrew John

on October 23, 2003. He joins big brother Nathan (18 months). Stephanie is a pharmacist at Colonial Pharmacy in Millville, PA. Todd is a pharmacist with Vitaline Home Infusion in Danville, PA. They live in Bloomsburg, PA.

1997

JAMES W. SHAW P'97, PharmD'98 was awarded an MPH degree with a concentration in biostatistics from the University of Arizona in August 2003. He received his PhD in pharmaceutical sciences, with minors in marketing and educational psychology, in May. He is currently a post-doctoral fellow working in the tobacco control research branch of the National Cancer Institute. In June, he traveled to Chongqing, China, to marry Jia Luo. She is a research assistant in the department of neurology at Thomas Jefferson University.

RONALD D. STACK and **STACI J. HUNTER**, both P'97, were married on August 29, 2003, at Knowlton Mansion in Philadelphia. **DOMINIC A. MARASCO** P'96; **MICHAEL J. FINO** P'96; **JAVIER CASTILLO** P'97; **MARCY (JONES) YANCHUNAS** P'97, PharmD'98; and **ANNE MARIE**

(MULCAHY) MONGILUZO P'97 were members of the wedding party. Also in attendance were



MARYBETH (CRANE) FINO P'95; **COREY R. ELDEN, JR.** P'97, PharmD'98; **JENNIFER (WALKER) ELDEN** P'97, PharmD'98; **JOSEPH JESUELE, JR.** P'96; **ROBERT J. DURKIN** P'95 (MS'03, University of Hawaii); **KAREN (DOUGHERTY) DURKIN** P'97; **KARLA KASHATUS** MPT'97; **SUSAN (ALLEVA) CASTILLO** P'98; **MICHAEL N. WERT** P'96; **MARIO G. D'ACHILLE** P'96; **ANNE MARIE (BUBECK) MARASCO** P'95; and **ERICA L. CHEESEMAN** P'00.

1998

ANNE MARIE (BERNHARD) HOLLORAN MPT'98 and **BRIAN J. HOLLORAN** P'98 announce the birth of their son Gavin Robert on May 4. Brian works for Express Scripts Pharmacy in Bensalem, PA, and is pursu-



AND THE WINNER IS...

RAJUL SARAIYA P'94, PharmD'01 is this year's winner of the 2004 Alumni Survey drawing. He received a \$100 American Express gift certificate. His name was selected from the 226 entries that were returned with completed surveys. To access the results of the 2004 Alumni Survey, go to <http://www.usip.edu/assessment/alumnisurvey/>.

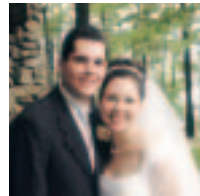
The 2004 Alumni Survey is the 11th assessment study of the University's graduates. The survey was developed to enhance institutional understanding of the effects of a USP education. Specifically, it was designed to assist the University in its continuing efforts to monitor graduates' activities/accomplishments and opinions of their academic experiences and to assess the impact of curricular and cocurricular initiatives on educational outcomes.

A story about the Alumni Survey results will appear in the next edition of the *USP Bulletin*.

STOCK TALK

ing his MBA at Temple University. Anne Marie practices early intervention homecare and outpatient therapy at St. Mary Medical Center in Langhorne, PA.

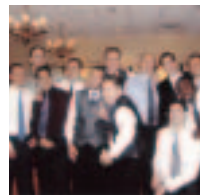
THOMAS H. O'NEILL P'98 and Karie Ann Basso were married on July 12, 2003, in Conyngham, PA. Members of the wedding party included **AMY (DISABELLA)**



GIACOBELLO P'97, **JOHN A. GIACOBELLO** P'97, **MICHAEL COLE** P'98, **BRIAN C. DROZDOWSKI** MB'98, and **GLENN D. SCHULMAN** P'98 (PharmD'00, Rutgers University). Thomas is a pharmacist with Happy Harry's. Karie Ann is an account manager with Delaware Marketing Group. They live in Middletown, DE.

1999

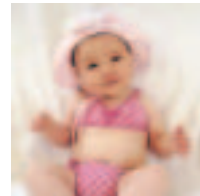
SUSAN M. BROWN P'99, PharmD'00 and **WALTER P. CONNELLY** P'99 were married on September 14, 2002, at St. Helena's Church in Blue Bell, PA. Those in attendance included **JEFFREY C. WALTON**



P'00; **THOMAS J. ROMANOWICZ, JR.** B1'01; **KATHLEEN KNISS** P'00, PharmD'01; **DAWN A. GAILEY** HPsy'01; **SUZANNE (SCHULER) BURYCHKA** B1'99; **SCOTT M. MCGOWAN** P'99; **BRIAN M. HERR** P'99; **JESSICA D. LEBER** P'99, PharmD'00; **JEANNINE E. MCMENAMIN** MOT'01; **MELISSA (FORTUNATO) MCCARTHY** P'02; **JOHN D. NORCROSS** P'00; **MATTHEW C. MILLER** MPT'01;

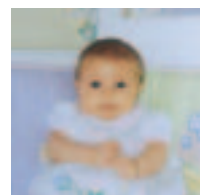
RYAN M. KROUT P'03; **JENNIFER (ROONEY) FRASCA** P'02; **NICHOLAS FRASCA** P'02; **MARYBETH (CONTORNO) WINTERS** P'99; and **JAY M. WINTERS** PharmD'02.

CHRISTOPHER J. URBAN P'99 and **ROCHELLE (WELLS) URBAN** P'00 announce the birth of their daughter Mallory Jade on November 25, 2003. She was welcomed by her



grandfather **JOSEPH J. URBAN, JR.** P'72, uncle **JOSEPH J. URBAN III** P'97, and aunt **JENNIFER L. URBAN** MT'99. Chris is a district manager for CVS in Lancaster, PA, and Rochelle is a staff pharmacist at CVS in Camp Hill, PA. They live in Enola, PA.

DIANE (MCWHORTER) VALENTIN MT'99 and her husband Andrew announce the birth of their daughter



Juliana Elizabeth on February 26, 2004. Diane is employed at Bethesda Memorial Hospital in Boynton Beach, FL, where she works in the microbiology laboratory.

2001

MEGAN M. LOWRY MOT'01 was married on July 5, 2003, and gave birth to a son on March 26. She and her family reside in Secane, PA.

IN MEMORIAM

TWENTIES

MORRIS COHEN PhG'28, P'40 died on June 21 at the age of 96. He was a pharmacist in Norristown, PA, for more than 75 years. His son **ROBERT A. COHEN** P'67 now runs the family business. He is also survived by his sons Richard and Steven, daughter Dorothy, nine grandchildren, and six great-grandchildren. He was predeceased by his wife Fannie in 1991.

THIRTIES

WILLIAM M. WHITELEY C'37 (MS'67, University of Bridgeport) passed away on June 11 in Urbana, IL. He was predeceased by his wife Constance in 1998 and is survived by his sons Herbert and Laurence.

FORTIES

JOSEPH M. BUCCIERO P'42 passed away on April 4. He is survived by his wife Carmela.

RICHARD T. ENGLEHART P'48 died on July 6 at Holy Spirit Hospital in Camp Hill, PA. He is survived by his wife, Ida May, of nearly 57 years; daughter Diane; son-in-law John; sons David and Mark; daughters-in-law Jenny and Diane; grandchildren Brooke, Amie, Stephanie, Michael, and Paul; brothers Edwin and William; and sister Ann; as well as many nieces, nephews, and cousins. He was preceded in death by a son, R. Thomas Englehart.

FRIENDS OF USP

PRINCEWELL K. IMO, a student in the University's biomedical program, died on March 20, 2004. He was a clinical data manager with Aventis Pharmaceuticals in Bridgewater, NJ. His survivors include his wife Lilian, son Ernest, sisters Linda and Helen, and brother Duke.

CATHERINE V. SULLIVAN passed away on May 7, 2003. She worked for many years in the University's accounting department. She is survived by her daughter Kathleen.



"GIVING SHARES OF STOCK TO UNIVERSITY OF THE SCIENCES IN PHILADELPHIA IS REALLY QUITE EASY."

KENNETH J.D. BOYDEN, ESQUIRE

LIKE MANY ADULTS, Mr. Wiseman owns stock. In addition to his professionally managed retirement accounts, he has a separate investment account at a discount brokerage firm. This account includes a variety of mutual funds and individual stocks.

Periodically, Mr. Wiseman reviews his portfolio to see which securities are increasing in value and which ones are declining. Some of his holdings have appreciated nicely over the years.

Being charitably minded toward

University of the Sciences in Philadelphia, Mr. Wiseman will occasionally arrange to transfer some of his more highly appreciated stocks to USP's account. The University then liquidates the stock and uses the cash for its tax-exempt purposes. Because USP is a qualified charity, it is not required to pay capital gains tax on the sale of the appreciated stock.

Were Mr. Wiseman to sell the stock and give USP the cash, he would incur capital gains tax on the amount of appreciation and thus reduce the cash value of the stock. His gift would actually cost him more than the value of his cash gift. Except when a stock has depreciated, it is usually prudent to give the stock to USP and let us sell it.

In making his stock gift to University of the Sciences in Philadelphia, Mr. Wiseman receives an income tax charitable deduction for the full value of his gift to USP, which he can apply against his adjusted gross income.

Being the creative fellow he is, Mr. Wiseman sells some additional shares of the same stock he gave to USP, a stock he believes will continue to appreciate over time. While he incurs capital gains tax on this transaction, he offsets this tax with the charitable income tax deduction he obtained from the gift of the earlier shares.

He then turns around and repurchases the stock he just sold, obtaining a new and higher cost basis. Thus when he wants to sell the stock later when it has further appreciated, he will not have as much capital gains tax to pay.

Mr. Wiseman's creative gift planning not only helps USP, it provides significant tax benefits for him as well.

Giving shares of stock to University of the Sciences in Philadelphia is really quite easy. It can be done with a letter to your brokerage firm, instructing them to transfer or "journal" a certain number of shares of publicly traded stock to the University's account.

If we do not have an account at your particular brokerage house, we can quickly establish one to receive and sell the stock.

Thank you for your support.

Kenneth J.D. Boyden, Esquire

For more information about making charitable gifts with stock to University of the Sciences in Philadelphia, use the response form below, or call Ken Boyden at 215.596.8948 or 1.888.857.6264, or reach him by e-mail at k.boyden@usp.edu.

"Six essential qualities that are key to success: sincerity, personal integrity, humility, courtesy, wisdom, and charity."
— Dr. William Menninger

Please complete and return this reply form.

Dear Friends at University of the Sciences in Philadelphia:

- Please send me complimentary literature about making a planned gift to USP.
- Please contact me about a personal visit.
The best time to call me is: _____
- I have provided for USP in my will or other estate-planning document.
- Please send information about the Benefactors Society.

Name _____ Class _____

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MAIL THIS FORM TO:
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DIRECTOR, CAPITAL CAMPAIGN AND MAJOR GIFTS
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600 SOUTH 43RD STREET
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YOUR NEWS



SPACE IS PROVIDED HERE FOR YOU TO UPDATE OUR CLASS NOTES SECTION.

Please print all information.

MAIL TO:

ALUMNI OFFICE
UNIVERSITY OF THE SCIENCES IN PHILADELPHIA
600 SOUTH 43RD STREET
PHILADELPHIA, PA 19104-4495

Tell us about your new job, promotion, new professional membership, etc. If you were recently engaged, married, or welcomed the birth of a child, please let us know in the space provided. A few randomly selected photos will appear in each issue. Every photo received will be posted on the Alumni & Friends website. Make sure to identify each individual in your photo to ensure accurate identification in captions.

You can also e-mail your information to: m.schwar@usip.edu.

Has your address changed? Please let us know by mail, e-mail: m.schwar@usip.edu, or phone to the Alumni Office toll-free: 1.888.857.6264. Local calls: 215.895.1153

Address Change? Yes No

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City

State Zip

Work Telephone ()

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E-Mail

IN OUR NEXT ISSUE...

- STUDENT AND FACULTY RESEARCH EVOLVING ON CAMPUS
- MUSEUM ARTIFACTS DISPLAYED IN VARIOUS VENUES
- SURVEY EXTENDS VOICE OF ALUMNI
- ASSISTED LIVING HAS EFFECT ON PHARMACISTS



continued from page 6

Dr. Boyle spent three years as a professional practice associate for the Pennsylvania Society of Health-System Pharmacists (PSHP). He also spent time at USP teaching pharmacy students in the Center for Advanced Pharmacy Studies (CAPS) laboratory. He will continue to teach as well as coordinate USP physician assistant students during their professional phase of the program at the Philadelphia College of Osteopathic Medicine. He will also serve as an ambulatory care practitioner at a variety of local clinics.

Recent statistics show that the majority of prescriptions filled in America are for the elderly. **EMILY HAJJAR, PharmD**, assistant professor of clinical pharmacy, offers knowledge in an important area—geriatric health. Dr. Hajjar's insight and her current experience working at the geriatrics facility at University of Pennsylvania will enhance PCP's curriculum in this rapidly growing area of pharmacy.

As education requirements are changing at nearly every pharmacy school across the nation, PCP continues to evolve as a premier and well-respected educator in the pharmacy field, preparing today's students for tomorrow's health care challenges.

MISSION OF THE ALUMNI ASSOCIATION

To engage the graduates of University of the Sciences in Philadelphia in promoting the goals and objectives of the Association and the Institution.

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President-Elect
Louis J. Lupo P'76, PharmD'01

Vice President
Stephanie K. Bean MPT'89

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Richard M. Hall MT'83

Secretary
Ruth A. Brown P'71

Past President
Ruth A. Brown P'71

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Vincent A. DePaul P'51
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Victoria Rehill Elliott P'87
Donna M. Feudo P'89
Tiziana P. Fox P'84, PharmD'02
Elizabeth A. Fusco P'63
Andrea Gampel PMM'03
Lorri K. Halberstadt P'83
Richard M. Hall MT'83
Rosemarie O. Halt P'89
Joseph Jesuele P'96
Rina K. Kelley P'78
Rosemary C. McFall Bl'63
Gay K. Owens PharmD'96
Nancy Russell PharmD'01
Carrie Singleton PMM'03
S. Roger Wetherill III P'68

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Robert Bell P'63
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Jean MacDougall Bl'03
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Gerald Meyer P'73, PharmD'74
Elleni J. Pippis P'94, PharmD'96

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Rosemarie O. Halt P'89, *Chair*
Malvin S. Aaronson P'44
Gerhard Maerker C'51

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Ruth A. Brown P'71
Janice A. Gaska P'79, PharmD'82
Louis J. Lupo P'76, PharmD'01
Dominic Marasco P'96

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Michael Castagna P'00
Tiziana P. Fox P'84, PharmD'02
Dan J. Halberstadt P'83
Joseph Jesuele P'96
Renee B. Lupo P'76
Dominic Marasco P'96
Mary Kate McGinty P'84

NOMINATIONS

Lorri K. Halberstadt P'83, *Chair*
David Bergman P'51
Kenneth Bevenour P'87
Timothy Bowers MT'02
Elizabeth A. Fusco P'63
Mary Parenti P'85, PharmD'87
Heather Melchiorre Scheckner P'00
S. Roger Wetherill III P'68

REUNION

Timothy Bowers MT'02, *Chair*
Malvin S. Aaronson P'44
Stephanie K. Bean MPT'89
Arthur M. Blatman P'69
Siobhan Duffy P'84
Michael A. Ermilio P'47
Elizabeth A. Fusco P'63
Janice A. Gaska P'79, PharmD'82
Lorri K. Halberstadt P'83
Rosemarie O. Halt P'89
Shana Lettieri P'01
Wayne R. Marquardt P'92
Rosemary C. McFall Bl'63
Mary Kate McGinty P'84
Anthony Mortelliti P'51
Elleni J. Pippis P'94, PharmD'96
Franklin Rooks PT'91
Christine Venuti P'93, PharmD'00
S. Roger Wetherill III P'68

STUDENT/ALUMNI

Victoria Rehill Elliott, P'87, *Chair*
Alan Aronovitz P'82
Nancy Baird PharmD'01
Shawn Boyle PharmD'01
Harold Brog P'55
Sharon Brudnicki P'92, PharmD'98
Marissa Buttarro P'92
Meredith S. Carter PharmD'97
Donna M. Feudo P'89
Theresa S. Geier MOT'02
Jean MacDougall Bl'03
Mary Kate McGinty P'84
Robert Spera P'88

STUDENT RECRUITMENT/PLACEMENT

Donna M. Feudo P'89, *Chair*
Meredith S. Carter PharmD'97
Christopher Cella P'85
Deidre Chickanovich P'00
Scott D. Greene P'92
Rosemary Kerwin P'85
Mary K. Maguire P'83, PharmD'01
Brian F. McBride, PharmD'02
Robert Spera P'88

DEGREE/PROGRAM

ABBREVIATIONS

BAC	Bacteriology
BC	Biochemistry
Bl	Biology
Blnf	Bioinformatics
BW	Biomedical Writing
C	Chemistry
CS	Computer Science
ES	Environmental Science
HPsy	Health Psychology
HS	Health Science
MB	Microbiology
MOT	Master of Occupational Therapy
MPT	Master of Physical Therapy
MS	Master of Science
MT	Medical Technology
P	Bachelor of Science in Pharmacy
PA	Physician Assistant
PharmD	Doctor of Pharmacy
PhC	Pharmaceutical Chemistry
PhD	Doctor of Philosophy
PhG	Graduate in Pharmacy (equivalent to P that is used today)
PhTech	Pharmaceutical Technology
PH/TX	Pharmacology and Toxicology
PMM	Pharmaceutical Marketing and Management
Psy	Psychology
PT	Physical Therapy
STC	Certificate in Science Teaching
TX	Toxicology

CALENDAR OF EVENTS

- November 15 Men's Opening Basketball Game, East Stroudsburg University @ USP, 8 p.m.
November 23 Women's Opening Basketball Game, St. Michael's College @ USP, 6 p.m.
November 27 Men's Basketball Game, Philadelphia University vs. USP, 1:30 p.m.
at the Palestra. Ticket information TBA
- December 1 Art Excursion with Ken Berman, Philadelphia Museum of Art
December 2 Alumni Association Board of Directors Meeting, USP Campus
December 3 Kingsessing Singers and Players Winter Concert, St. Francis DeSales Church
December 6 ASHP and Florida Area Alumni and Friends Reception
December 10 North Carolina Alumni and Friends Reception
December 13–17 Final Examinations
December 17 First Semester Ends
- January 7 Annual Senior Interview Day
USP's Athletic/Recreation Center
- January 17 Classes Begin
- January 17–21 Florida Dinners East Coast
- January 22 Men's & Women's Basketball Doubleheader, Holy Family @ USP,
1 p.m. Women, 3 p.m. Men
- February 3 Alumni Association Board of Directors Meeting
February 14–18 Florida Dinners West Coast

*To see more events, visit the USP Alumni & Friends website at
<http://www.usip.edu/alumnifriends/> or USP's News and Events page at <http://www.usip.edu/calendar/index.asp>.*