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 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.

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 academia 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 P. Gerbino, P’69, PharmD’70
President

PHILADELPHIA COLLEGE OF PHARMACY

New Pharmacy Dean
Page 3
Philadelphia College of Pharmacy has new dean to assume leadership. (on cover) Russell J. DiGate, PhD

Health Policy Institute
Page 7
Health Policy Institute provides supportive services and analyses for policy makers.

Groundbreaking
Page 8
University celebrates groundbreaking for Science and Technology Center that will enhance the academic and research experience for students and faculty.

9/11 Author
Page 10
Alumna pens book about regaining her faith after losing her husband during the World Trade Center attack.

New Alumni Website
Page 14
A revamped site makes it even easier for Alumni & Friends to stay connected to the University.

Students in Africa
Page 16
Two students help children overseas by volunteering in Africa.
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 1996—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 new at the University. We’ve added a Letters to the Editor section, 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 Wakal
Executive Editor
Director, University Relations

LETTERS TO THE EDITOR

WE WANT TO HEAR FROM YOU

Would you like 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: John M. Martino Editor, USP Bulletin University of the Sciences in Philadelphia 600 S. 13th Street Philadelphia, PA 19104 E-mail: jm@usip.edu

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.S., MS, 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).

Betsy Cravens MMT ’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 ulars at our wedding in July 1954–50 years ago. Thank you.

Henry Lipschutz, P.S.,

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 10 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, then 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 university 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 who can work with students to ensure that a PCP education continues to produce pharmacists capable of working in the health-care team. Second, he hopes to improve and update what he describes as 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 who can work with students to ensure that a PCP education continues to produce pharmacists capable of working in the health-care team.

Another priority for Dr. DiGate is to build on 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 alumni as possible within the first year. He wants to get a sense of how 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.”

During his tenure at the University of Maryland School of Pharmacy, Dr. Finley led the development of a Doctor of Pharmacy degree program 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 ASPH 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 and the National Institute of Medicine. In 2011, Dr. Finley was named a fellow in the American Society of Health-System Pharmacists. Dr. Finley’s leadership abilities have been recognized by the faculty and alumni of PCP.

BECKY’S EXCEPTIONAL LEADERSHIP ABILITIES HAVE TAKEN THE DEPARTMENT TO A NEW LEVEL OF EXCELLENCE.

REBECCA FINLEY, PharmD, former PCP dean

Dr. Finley came to USP from the Maryland Cancer Center, where she was the head of the Section of Pharmaceutical Services. She also held the appointments of associate professor in the Department of Health-System 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 ASPH 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 and the National Institute of Medicine. In 2011, she was named a fellow in the American Society of Health-System Pharmacists.

Andrew Peterson, PharmD, is an accomplished academic leader and a key contributor to USP’s pharmacy practice and health policy initiatives. He is a past president of the American Society of Health-System Pharmacists, Academy of Managed Care Pharmacy, American College of Clinical Pharmacy, and Pennsylvania Society of Hospital Pharmacists. He has a doctorate of pharmacy degree from the University of Missouri and a master of science degree in institutional pharmacy at the University of Maryland.

ANDREW PETTERSON 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 the University’s Faculty Council’s Academic Leadership Chair. His academic leadership 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.”

USP BULLETIN: NEW PHARMACY DEAN PAGE 5
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 incorporation in 1900, the 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 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 BIS programs in pharmacology/ toxicology and pharmaceutical sciences are engaging in coursework and research in laboratories focused on developing new approaches to curing illness 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 BIS 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. The program has been successfully implemented in its pilot year.

In addition, and accomplished faculty are joining PCP to accommodate the increased 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: ALEJANDRO PÉREZ, PharmD, assistant professor of clinical pharmacy and geriatrics. 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 division of quality assurance and utilization management. She is a specialist in geriatric care quality and utilization management issues. Through Jefferson, she spent a year in the Department of Health Policy, where she 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 recognized 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, ADÉBOYE ADEJÀKE, 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: ALEJANDRO PÉREZ, PharmD, assistant professor of clinical pharmacy and geriatrics. 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 division of quality assurance and utilization management. She is a specialist in geriatric care quality and utilization management issues. Through Jefferson, she spent a year in the Department of Health Policy, where she 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 recognized 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, ADÉBOYE ADEJÀKE, 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.

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.

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, AFSF, 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 to 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 biosimilars
• 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 Outlook, 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.stefanac@us felt.org.
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 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 laboratory 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 BI’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 people than any classroom on campus. 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.”

“The Science and Technology 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.

CHARACTERSISTICS 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 workroom

Two conference rooms
Six break room spaces
55 offices to accommodate faculty, staff, postdoctoral fellows, and graduate students

BIOLOGY
Two Introductory biology teaching labs with a prep room
5 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 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

FOR THE PAST YEAR, I’VE BEEN WORKING IN A SMALL LAB IN GRIFFITH HALL,” SAYS LINTON. “IT BECOMES CROWDED WORKING THERE WITH SIX
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, N.J., to the hustle and battle 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.

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)
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 introduced 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 he 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 pharmacology, who invited Jennifer to campus. “I think Jennifer’s experiences 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 handled a tragedy in a way that is truly inspirational. I have a great respect for the way she handled this and for the manner in which her faith has been strengthened as a result of a tragedy. Her commitment to share her experience, as difficult as it is, is exemplary.” Jennifer has spoken in various parts of the country and world to share her story with others. “I was with it from the beginning, I saw it develop, I nurtured it, and I named it,” she says. “This book is my child,” says Jennifer. “WHEN I TURNED ON THE TV, I COULDN’T BELIEVE WHAT I WAS WATCHING AT THE END OF THE WORLD...IT WAS THE END OF MY WORLD.” JENNIFER TREBINO- SANDS P’99

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’79, MD, PhD

To say that Leonard Jacob has been busy since graduating in 1970 would be an understatement. As founder and CEO of InFlame Pharmaceutical, located in Blue Bell, PA, he has grown this NASDAQ-traded company in seven years from $25 million to $120 million. In addition, InFlame currently holds eight patents and has received FDA approval for its breakthrough prescription drug, Viscol, a pro-collagen pill. Viscol offers patients an alternative to drinking volumes of an unpalatable liquid. This is great news for anyone needing to undergo a colonoscopy. In the past, patients 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 can turn doctors to detect colon cancer in its early stages, thereby saving patient lives.

Before his death, he has been very active in the clinic’s pharmacy. Scott Hartman P’04 and Scott Reef own and operate Medicap Pharmacy in Cape May Court House, and both donate funds and provide discounts to the Court House Pharmacy and Family Health Care also provides 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 serves 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 U.S. Army 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).

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, Philadelphia, 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’02, 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.

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 Genera 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.

“WHEN I TURNED ON THE TV, I COULDN’T BELIEVE WHAT I WAS WATCHING AT THE END OF THE WORLD...IT WAS THE END OF MY WORLD.” JENNIFER TREBINO-SANDS P’99

A Tempered Faith Rediscovering Hope in the Ashes of Loss is available at all bookstores and online at Amazon.com and www.jennifersands.com.
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. Do you wish you could relive those glory days again?

Want to go back to those days again and the USP Annual Bulletin, with links to the USP Alumni & Friends website (www.usip.edu/alumni/friends) 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 long-term graduates. The site offers photos of alumni in a scrapbook section, a reading room with links to the USP Alumni 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 online gift.

According to ROBERT SBERA, 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 worked a job one day and was hired the next because of all my contacts. I have had a wonderful career, thanks to USP!” Strongly believes that in addition to attending the reunions, alumni should visit the campus and the new buildings.

“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.

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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/alumni/friends. 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 will be amazed at how much you are able to do online.

“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

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"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.”

AFRICA is a land that attracts visitors from all over the globe who gaze upon exotic wild animals and plants, 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, malnutrition, mass starvation—that are devastating and killing its impoverished citizens, 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 agendas.

Although ISHA SHAH PharmD’09 and SONIA 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.
Adolescents who participate in educational, enjoyable, and fun activities are assigned to one of two groups for six weeks in the project. They learn information such as disease prevention, sexual transmitted disease safety, how to manage a vaccination, and make a connection. They took their role very seriously and effectively conveyed the messages. The students have seriously and effectively conveyed the messages about the Measles Initiative as she was followed by the media. Shah’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.

The following individuals were appointed to full-time faculty positions for the 2004–05 academic year. "THE PROJECT IS MAKING A TREMENDOUS DIFFERENCE IN THE LIVES OF SOUTH AFRICAN ADOLESCENTS AND THEIR PARENTS," says Combs. “It has undeniably 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 Combs. She has used her experience in Africa 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.

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.

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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 worthy, 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. Hiltz, 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 scout leader team, the council is charged with both promoting and carrying out all types of scouting programs in the Philadelphia, Delaware, and Montgomery counties.

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 sciences community about the evolving business climate in the U.K. 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 Rawlins 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 working 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.

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, N.J. Through a partnership between the occupational therapy department at USP and the Occupational Therapy 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.

“Since our students came to the training center, we have seen a nonproductive workforce 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.

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 DERMAROSIAN, PHD, and MADHUP KUMAR, 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.
were annually organizes more than 100 industry, into an organization with academia and the pharmaceutical association, evolved from a founding nonprofit, scientific, member-driven business program.

FOR MBA STUDENTS

HIGHSCHOOL STUDENTS EXPLORE HEALTH CARE 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 developed by University of Pennsylvania. The students learned about various careers in the health sciences. The program was developed by USP as part of the Gearing 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.

“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 that included tours of the campus and surrounding neighborhood, games, and a tea. As part of the activities, students created school bags for grade-school students. During a week at Wilson Elementary School located at 46th Street and Woodland Avenue, they also presented essays on and discussed James McBride’s “The Color of Water.” It was a tribute to his White Mother, a book chosen by Philadelphia Mayor John F. Street for this year’s One Book, One Philadelphia program. It was published 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, JOSEF PARK, and DRA.G VILNIK AND KATHLEEN E. MAYER, PharmD ‘78 (alumni representative).

PAULO COSTA

Mr. Costa is president and CEO of Novartis Pharmaceuticals Corporation (NPC). NPC, researchers, develops, manufactures, and markets leading innovative prescription drugs to treat a number of diseases and conditions, including central nervous system disorders, transplantation, cardiovascular diseases, dermatological diseases, respiratory disorders, cancer, and arthritis. The company’s mission is to improve people’s 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 Gettub Vargas Foundation’s Naip University 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 vice president of Wyeth Pharmaceuticals and the president of North America and global business at Wyeth Pharmaceuticals. He oversees the North American operations and the world’s four Global Business Units: women’s health care, vaccines, biopharma, and pharmaceuticals. He has been with 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 Cancer, and general management of Wyeth. He is a member of the Wyeth Corporate Management Committee, the Wyeth Corporate Operations, and the Wyeth Pharmaceutical Executive and Management Committee. He is a member of the American Pharmacists Association, the Healthcare Institute of New Jersey, the National Pharmaceutical Council, the Commonwealth Monopoly, the Academy of Managed Care Pharmacy, the New Jersey Pharmacist’s Association and the Pharmaceutical Association of New Jersey.

Mr. Mahady was educated at 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 assurance area. After numerous promotions across quality, manufacturing, and technical areas, he was elected as executive vice president of Astra Merck Inc. Through the 1990s, he served as head of operations for Astra Merck and AstraZeneca. In 1999, he assumed the role of vice president of supply chain operations for AstraZeneca. Since September 2001, he was elected to the position of senior vice president of AstraZeneca US where he has responsibility for all aspects of business operations in the US.

OAL VILNIK NO

Joe Papa is a 1964 graduate of Dickinson University. In 1991, he founded Applied Clinical Communications (ACC), a specialty medical education company that served the pharmaceutical industry. Prior to that, he was a partner and executive vice president for Integrated Communications, Inc. now part of The Interpublic Group of Companies. He began his career as a clinical pharmacist at St. Christopher’s Hospital for Children and then became the medical director at the Seber & Mccarron advertising agency, which became part of McCann Erickson, now part of The Interpublic Group of Companies in 2000. Dr. Mayo said ACC was UnitedHealth Group Ingenuity Pharmacy Services, now Ingenuity, 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 BPh in pharmacy degree and a doctor of pharmacy degree from Philadelphia College of Pharmacy and Science, now USP.

Collaboration with DIA offers opportunities for MBA students

USP MBA in pharmaceutical business students can enroll in select 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 pharmacists 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.

KATHLEEN R. MAYES P’76, PharmD’78

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 USL, international, and European operations, as well as for manufactur- and the quality assurance and technical service organizations. Prior to joining DuPont, he was president of the North America and country division for AstraZeneca Corporation.

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

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A registered pharmacist, he received his bachelor of science degree in pharmacy from the University of Connecticut and a master of management degree in management and finance from the J. L. Kellogg Graduate School of Management. He has been on the Board of Directors for AstraZeneca since 1999. He was then Ayerst Laboratories in regulatory affairs. He has since held positions in new product planning, marketing, Wyeth Cancer, and general management of Wyeth. He is a member of the Wyeth Corporate Management Committee, the Wyeth Corporate Operations, and the Wyeth Pharmaceutical Executive and Management Committee. He is a member of the American Pharmacists Association, the Healthcare Institute of New Jersey, the National Pharmaceutical Council, the North American Monopoly, the Academy of Managed Care Pharmacy, the New Jersey Pharmacist’s Association and the Pharmaceutical Association of New Jersey.

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“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

ALUMNI EVENTS

Physician Assistant Happy Hour at Manayunk Brewery on June 23.

Left to right: Philip Sheridan Ph’77, TX’84, Nick Graul P’69, Kathy Mccarren Scarlata P’86, and Tom Scarlata P’84 (San Diego Alumni Dinner on June 15).

Left to right: Zachary Klothesworth Ph’05, Lilian Speaker Ph’05, and Pat Prejean Kluefitt P’73 (Delaware Pharmacists Society Wine Tasting Dinner in Dover, DE, on May 7).

Left to right: Dan Long P’79, Mike Kasten Ed’75, Nick Kasten Ph’04, Michael Wunder P’78, Tim Speier H’02, Henry Kasten P’74, Mark Saligua P’78, Pat DuLant P’78, Mark Rechererfeld P’74, and Bob McMillan P’77 (Summer Happy Hours at the Windrift in Avalon, NJ, sponsored by CVS).

Left to right: Steven Chang P’78, Del Lukacsans P’78, and Judy Beno Lukacsans P’78 (NJPhA Breakfast in Atlantic City, NJ, on June 29).

Left to right standing: Chas O’Connor P’58, Jack Lagoawski 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 Pharmacists Society Wine Tasting Dinner in Dover, DE, on May 7).

Left to right: Lisa K. 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 Battista Ph’82, Rose Mary Battista Ph’82, Rose Mary Battista P’82, and Nancy Sublett Dolan (Kappa Epsilon Reunion at the home of Rose Mary Battista on July 24).

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

Left to right: Dan Long P’79, Mike Kasten Ed’75, Nick Kasten Ph’04, Michael Wunder P’78, Tim Speier H’02, Henry Kasten P’74, Mark Saligua P’78, Pat DuLant P’78, Mark Rechererfeld P’74, and Bob McMillan P’77 (Summer Happy Hours at the Windrift in Avalon, NJ, sponsored by CVS).


Left to right: Steven Chang P’78, Del Lukacsans P’78, and Judy Beno Lukacsans P’78 (NJPhA Breakfast in Atlantic City, NJ, on June 29).
HARVEY LIPSCHUTZ P’54 and his wife, Carol, 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.

ALAN O. VOGENBERG P’55 authored “A Fresh Face at Dignan-Manning,” which appeared in the June issue of Pharmacy Times. He lives in Langhorne, PA.

HENRY T. KOZEK P’72 (CPM’91, MBA’94, 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.

RACHEL K. STRONG CT2 (MT’72, Bryn Mawr College) was made a fellow of the Society for the Advancement of Material and Process Engineering. She is the only fourth woman to be elected to the position since the organization was founded in 1944.

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

CAROL L. ST. GEORGE R’74 (DC’79, PCOM) recently received additional qualification in otolaryngology allergy from the American Osteopathic Board of Otolaryngology. She lives in York, PA.

SHIRLEY J. CHAPMAN P’73 is retired from pharmacy and lives in Olympia, WA. She would love to hear from classmates if they come to her area.

MICHAEL R. DEBULKA P’81 is a 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.

FRANK S. KONDRAJ C’82 and KAREN (HAGGERTY) KONDRAJ C’82 (JD’92, Widener University) were married March 25 on the beach in St Thomas, US 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.

STEPHANIE (O'REILLY) SISK P’85 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.

NATHAN NEMEROFSKY 1941

were members of the wedding party. Also in attendance were MARY BETH (CRANE) FINO P’95; COREY R. ELDEN, JR. P’97; JENNIFER (WALKER) ELDEN P’97; PHARM D’97; JEFFREY J. EISELE P’96; ROBERT J. DURKIN P’95 (MS’03, University of Hawaii); KAREN (DOUGHERTY) DURKIN P’97; KARLA KASHATAS M’97; SUSAN (ALLEVA) CASTILLO P’97; MICHAEL N. WERT P’96; MAIKO D’ACHELLE P’96; ANNE MARIE (BUBECK) MARASCO P’95; and ERICA L. CHESSMAN P’03.

2004 Alumni Survey was 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 enhance institutional understanding of the effects of a USP education. Specifically, it was designed to enhance institutional understanding of the effects of a USP education. Specifically, it was designed to enhance institutional understanding of the effects of a USP education. Specifically, it was designed to enhance institutional understanding of the effects of a USP education. Specifically, it was designed to enhance institutional understanding of the effects of a USP education. Specifically, it was designed to enhance institutional understanding of the effects of a USP education. Specifically, it was designed to enhance institutional understanding of the effects of a USP education. Specifically, it was designed to enhance institutional understanding of the effects of a USP education. Specifically, it was designed to enhance institutional understanding of the effects of a USP education. Specifically, it was designed to enhance institutional understanding of the effects of a USP education. Specifically, it was designed to enhance institutional understanding of the effects of a USP education. Specifically, it was designed to enhance institutional understanding of the effects of a USP education. Specifically, it was designed to enhance institutional understanding of the effects of a USP education. Specifically, it was designed to enhance institutional understanding of the effects of a USP education. Specifically, it was designed to enhance institutional understanding of the effects of a USP education. Specifically, it was designed to enhance institutional understanding of the effects of a USP education. Specifically, it was designed to enhance institutional understanding of the effects of a USP education. Specifically, it was designed to enhance institutional understanding of the effects of a USP education. Specifically, it was designed to enhance institutional understanding of the effects of a USP education. Specifically, it was designed to enhance institutional understanding of the effects of a USP education. Specifically, it was designed to enhance institutional understanding of the effects of a USP education. Specifically, it was designed to enhance institutional understanding of the effects of a USP education. Specifically, it was designed to enhance institutional understanding of the effects of a USP education. Specifically, it was designed to enhance institutional understanding of the effects of a USP education. Specifically, it was designed to enhance institutional understanding of the effects of a USP education. Specifically, it was designed to enhance institutional understanding of the effects of a USP education.

AND THE WINNER IS... RAJU SAKATI P’94, PharmD, 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 224 entries that were returned with completed surveys. To access the results of the 2004 Alumni Survey, go to http://www.uspui.edu/assessment/ alumniurvey.html.

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 enhance institutional understanding of the effects of a USP education.

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

“GIVING SHARES OF STOCK TO UNIVERSITY OF THE SCIENCES IN PHILADELPHIA IS REALLY QUITE EASY.”
KENNETH J.D. BOYDEN, ESQUIRE

“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 himself 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 your stock to University’s account. The shares are then sold by University’s investment office at a price that is a discount from the current price of the stock. Those in attendance included JEFFREY C. WALTZ.

1999

SUSAN H. BROWN P’99, PharmD2000 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. WALTZ.

1996

P’99, P’97, I have provided for USP in my will or other planned gift to USP. Please contact me about a personal visit. Please send information about the Benefactors Society.

P’99 were married on September 14, 2002, at St. Helena’s Church in Blue Bell, PA. Those in attendance included JEFFREY C. WALTZ.

CHRISTOPHER J. URBAN P’99 and ROCHELLE (WELLS) URBAN P’90 announce the birth of their daughter Malory Jade on November 25, 2003. She was welcomed by her grandfather JOSEPH J. URBAN, Jr. (P’72, unde JOSUH P’01), 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 (MCWORTHY-PORTER) VALENTIN MT’99 and her husband Andrew announce the birth of their daughter Julianne Elizabeth on February 26, 2004. Diane is employed at Bethesda Memorial Hospital in Baynton Beach, FL, where she works in the microbiology laboratory.

2001

MEGAN M. LOWRY MT’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 PhD28, P’40 died on June 21 at the age of 96. He was a pharmacist in Northmont, 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 (MT’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. BUCIERO P’42 passed away on April 4. He is survived by his wife Carmella.

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; daughters-in-law Jenny and Diane; grandchildren Brooke, Anne, 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 was married on March 20, 2004. He was a clinical data manager with Aventis Pharmaceuticals in Bridgewater, NJ. His survivors include his wife Lilian, and his young son Ernest, sisters Linda and Helen, and brother Duke.

CATHERINE 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.

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 himself 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 your stock to University’s account. The shares are then sold by University’s investment office at a price that is a discount from the current price of the stock. Those in attendance included JEFFREY C. WALTZ.
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 care. Dr. Hajjar's insight and current research are expected to be valuable to the geriatrics facility at University of the Sciences in Philadelphia.

As education requirements are changing at nearly every pharmacy school across the nation, the PCP curriculum in this rapidly growing area of pharmacy remains constant. The pharmacy field, preparing today's student for tomorrow's pharmacist challenges.

NOVEMBER/DECEMBER 2003

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

Allied Health challenges.

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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Christopher Colla P'95

Deidre Chickanovich P'00

Scott D. Greene P'92

Rosemary Kenen P'85

Mary K. Maguire P'83, PharmD'01

Brian P. McBride PharmD'02

Robert Spira P'88

DEGREE/PROGRAM ABBREVIATIONS

BAC: Bacteriology

BC: Biochemistry

Bl: Biology

Bio: Bioinformatics

BW: Biomedical Writing

C: Chemistry

CS: Computer Science

ES: Environmental Science

HPH: Health Psychology

HS: Health Science

MB: Microbiology

MOT: Master of Occupational Therapy

MPT: Master of Physical Therapy

MS: Master of Science

MT: Master of 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 PPh in use today)

PhTech: Pharmaceutical Technology

PHTX: Pharmacology and Toxicology

PMM: Pharmaceutical Marketing and Management

Psy: Psychology

PT: Physical Therapy

STC: Certificate in Science Teaching

TX: Toxicology
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
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