FROM THE PRESIDENT

THE TRADITIONAL ROLE of higher education institutions is to prepare and equip students with knowledge and the essential tools needed to achieve exciting and rewarding careers. Because of the growing complexities of the current and future generations, the social responsibilities of higher education will continue to expand. The social responsibility most easily embraced for institutions is civic engagement. This comes in many forms—community outreach and public service initiatives, as well as collaborative efforts with respected organizations locally, nationally, and globally. Local civic engagement demonstrates to the public in proximity that higher education institutions are providing significant community contributions to society. At the same time it demonstrates to students the importance of making an impact on the community and society irrespective of their field of study.

Civic engagement is an explicit strategic imperative at University of the Sciences in Philadelphia. We are providing activity-based civic awareness for our students and real benefit to our community. We have made this a commitment and a part of the process of offering a high-level and challenging education for our students. What better preparation for emerging professional practitioners, caregivers, scientists, and leaders than experiencing real-time social roles in our society. Each day our faculty and staff are providing meaningful contributions to our local communities through various projects, initiatives, and partnerships.

We are proud to be a part of the progress and considerable achievements that have shaped this region into one of the finest science and health care corridors of the nation. Our partnerships with local grass-roots organizations and our students’ participation in community service projects reinforce our commitment to enhancing the environment of our neighborhood.

Regionally, we have partnered with or have provided services to a number of noteworthy organizations. We are part of an exciting partnership with the School District of Philadelphia. This unique collaboration will enable USP faculty to have an enormous impact on the science, math, and language arts education of students at Sayre High School through direct involvement with curriculum development, career counseling, student-to-student mentoring, and extracurricular programs. This project marks the beginning of a new era at USP in which our faculty and staff are becoming much more intimately involved in our neighboring community in helping to advance the education of its youth. We are proud and honored to be able to share our expertise and resources to help shape the education of Sayre’s students.

We are working with the Science Center, a University City-based developer of knowledge communities that is establishing the region as a world-class hub for technology commercialization and innovation. The Science Center, along with University of Pennsylvania, Drexel University, and others, is also a partner with USP in the University City Keystone Innovation Zone (UC KIZ) project. Supported by a state grant, the UC KIZ is one of seven zones in Pennsylvania that have been granted special status for economic development focusing on the life sciences. The office of the president of USP currently chairs the Executive Committee of UC KIZ. USP is also involved with BioAdvance, a state-funded biotechnology greenhouse that is accelerating the growth of the life sciences industry in Southeastern Pennsylvania by transforming the region’s strengths in biomedical research and development into commercial opportunities.

So why are we a part of these initiatives and many more? Aristotle, although talking about nature in his teleology, stated that there needs to be an explanation or purpose of all things. We believe that University of the Sciences in Philadelphia has the resources—the knowledge of our faculty, staff, and students—to make positive and real differences. Whether it is working on groundbreaking research in drug design and development, offering health policy guidance for policy makers, or encouraging our students to plant trees in the neighborhood, our institution is reaching out to the community and doing what is expected of a university of our stature. University of the Sciences in Philadelphia may be a private institution, but it is unquestionably committed to social responsibility and providing a public good.

Philip P. Gerbino P’69, PharmD’70
President
Research at USP is growing and will gain more attention thanks to numerous initiatives, including a new on-line database.

Marvin Samson Center for the History of Pharmacy gains more exposure by loaning items from its vast collection.

Alumni grade USP through survey.

USP Career Fair creates a network of possibilities for students.

A retired professor/administrator and artist, G. Victor Rossi, writes a brief history of the University.
If you said the corner office, you’re right. If you picked a cubicle, right again. That’s because everyone in this office has an MBA. Fact is, if you want to truly move up in this business, it takes more than just any MBA. You need the right MBA—one offering real advantages. Earn your MBA in Pharmaceutical Business at University of the Sciences in Philadelphia, and you’ll gain a thorough understanding of the industry through a global perspective that includes marketing, R&D, sales, business strategy, finance, operations, and human resources. You’ll graduate more knowledgeable, more confident, and ready to break out from the pack. In fact, our alumni founded six of the world’s largest pharmaceutical companies—proof that USP provides an unparalleled education (at least from where we sit).

LETTERS TO THE EDITOR
Send your letters to:
John M. Martino
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COLLEGES AND UNIVERSITIES around the world are becoming recognized as much for their cutting-edge research as their academic excellence. Faculty members and students in the areas of health and science, particularly, have been relentlessly searching for answers to some of the world’s most challenging health questions. Their determined and unwavering efforts may allow us to wake up to a world where fatal diseases such as AIDS and cancer are as preventable as polio and the measles.

The significance of scholarship among faculty and students has been given a high priority at University of the Sciences in Philadelphia in recent years. In fact, when the University developed its strategic plan, Vision 2010, the importance of “advancing and disseminating knowledge through research and scholarly activity” was one of the six strategic imperatives and goals.

The essential steps to foster increased interdisciplinary research across campus have been put into motion. In July 2003, ROD WIGENT, PhD, dean of the College of Graduate Studies, was named director of academic research. His main responsibility is to establish an infrastructure that tracks, supports, increases, and enhances research/scholarship among faculty members and students. Dr. Wigent, along with a tactical planning group comprising faculty, staff, and consultants has also developed a plan to enhance scholarship at USP.

“Research is integral for a University’s identity,” he says. “When I came here 21 years ago, research wasn’t really expected of the faculty. That has changed. We believe that essentially every faculty member should have some fraction of their time devoted toward scholarship, whether it is writing a paper, authoring a book, or working in the laboratory. This will help extend the boundaries of their profession.”

RESEARCH AT USP IS GROWING AND WILL GAIN MORE ATTENTION THANKS TO NUMEROUS INITIATIVES, INCLUDING A NEW ON-LINE DATABASE

RESEARCH DISSEMINATED VIA DATABASE

One of the tools that will help increase and track research at the University is a new on-line database that was designed and developed internally by an interdisciplinary team including Dr. Wigent; ANNE HOROWITZ, MS, MBA, director of Institutional Research; MARY KATE MCGINTY P’84, MS’04, assistant vice president for executive affairs; KAREN MITCHELL, MBA, director of the Office of Sponsored Projects & Research (OSPR); and TERRY PARK, BA, database administrator. Faculty members will post information on their research to the database, which can then be organized according to various fields, such as faculty research/scholarly interests, publications, presentations, and sources of funding. The database will also contain information on a faculty member’s community and professional service initiatives and teaching activities.

“It amazes me to see how much research is currently being performed by our faculty and students,” says Dr. Wigent, “but we need to be able to capture these scholarly activities in a format that allows us to better track these accomplishments once they have been disseminated. The new database will help us achieve our goals.”

The information in the database will be critical to the work of Mitchell, who says the database has many benefits, such as fostering greater collaboration among faculty researchers from different disciplines.
“The big push in the research arena these days is multidisciplinary-type scholarly activity,” says Mitchell. “The database will give us an opportunity to learn about all the research occurring at USP. We can then identify and match professors from different academic fields who are conducting research on similar topics.”

Multidisciplinary research can also facilitate competitive grant proposals for funding from major government agencies, foundations, and corporations that support research and scholarship. The OSPR is providing assistance to faculty members, administrators, and students to search and identify outside funding and to develop proposals. Over the years, most research conducted at the University has been funded internally, but the institution’s increased focus on scholarship will increase USP’s opportunities to attract external support. “As we increase our visibility and reputation in this arena, we hope that external funding of our scholarly endeavors will increase substantially,” says Dr. Wigent.

“The Office of Institutional Advancement will also help us pursue foundation-type funding and donors. Hopefully, our friends, granting agencies, and foundations will be more willing to contribute resources that will enhance scholarly efforts at the University if they can see clearly what we are accomplishing in the various areas of research here at USP. The database will help us illustrate to them that we are making a difference in the health and natural sciences through research and scholarship.”

“WHEN YOU GET A CHANCE TO WORK IN THE LAB, YOU LEARN HANDS-ON WHAT IT ALL MEANS AND HOW THINGS ACTUALLY WORK. BY ACTUALLY DOING THE EXPERIMENTS, IT TIES TOGETHER ALL THE COURSEWORK.”
IRENE YAROSLAVSKY PH/TX’03

RESEARCH BECOMING CORNERSTONE OF USP EDUCATION

Many USP students are introduced to research early in their academic career. IRENE YAROSLAVSKY PH/TX’03, who is pursuing a PhD in pharmacology and toxicology, started conducting research during her sophomore year. Since then, a majority of her time has been spent in the laboratory, and she says she wouldn’t have it any other way. Her work in the lab has been recognized

BROAD RANGE OF SCHOLARLY ACTIVITY IMPLEMENTED

Faculty perform more than 50 individual research projects in a given semester at the University including:

• RANDY ZAUHAR, PhD, associate professor in chemistry & biochemistry, involved in a project to extend and modify drug design technology by using a new software technology called Shape Signature.

• PAULA KRAMER, PhD, chair of the Department of Occupational Therapy, acting as the principal investigator of a demonstration grant that is focusing on enhancing wellness in residents of independent- and assisted-living facilities through the use of occupational and physical therapy.

• DIANE W. MOREL, PhD, director of the pharmacology and toxicology program, and RUY TCHAO, PhD, professor of pharmacology and toxicology, collaborating on a project aimed at using natural food products to reduce stress.

• STEPHEN METRAUX, PhD, assistant professor of health policy, examining incarceration and community outcomes among mentally ill prisoners and evaluating the financial impact of a residential treatment program for released mentally ill prisoners in Philadelphia.

Karen Mitchell, director of the Office of Sponsored Projects & Research, and Rod Wigent, dean of the College of Graduate Studies, were part of a USP interdisciplinary team that developed a new database to track research at the University.
and has taken her places she has never been before. She received the Packman Family Award in Toxicology for “outstanding research activity in toxicology." And she traveled to Paris last year to present her research at the Annual Congress of the European Academy of Allergology and Clinical Immunology. “In the classroom, you mostly listen to lectures to learn the material," says Yaroslavsky. "When you get a chance to work in the lab, you learn hands-on what it all means and how things actually work. By actually doing the experiments, it ties together all the coursework.

“There are a lot of unanswered questions out there,” she adds, “and I would like to be one of the individuals who has an opportunity to find the answers.”

SHANAZ TEJANI-BUTT, PhD, professor of pharmacology and toxicology, has focused much of her eight years at USP conducting research. Dr. Tejani-Butt can frequently be seen in the laboratory instructing students on research in the areas of depressive illness, alcohol abuse, and neuroendocrinology. “To be a good faculty member, I believe you need to be current in your field and know the techniques and procedures the industry is using,” says Dr. Tejani-Butt. “You have to be attuned to research in your area, and you need to demonstrate this to your students. It is one thing to tell them in the classroom; it is another thing to show them in a lab.”

She is thrilled with the prospect of sharing her research endeavors. “The database is a great idea because it may influence another faculty member to give a new perspective or contribute to someone else’s research,” she says. "This collaboration could also lead to new areas of teaching, new graduate programs, or the opportunity to team-teach courses that include laboratory rotations."

ADDITIONAL RESOURCES INCREASE SCHOLARSHIP

USP has also encouraged scholarship on campus through a variety of projects, programs, and influential people:

- The annual “Scholarly Day” allows graduate and undergraduate students and faculty to exhibit poster presentations of research they conducted during the academic year.
- The new TRIO program (see page 17) was established to encourage scholarly activity for minority and underprivileged students.
- The University recently hired VINAND M. NANTULYA, MD, PhD, (see page 17), a renowned international researcher, to help seek external grants and contracts to support research initiatives on campus.
- Undergraduate research in chemistry and biology is being supported through a grant from the Merck Foundation.
- In September 2006, the new Science and Technology Center will open and provide state–of–the–art equipment and space for increased research efforts.

USP students are introduced to research early in their academic careers.

Even though USP, historically, has been primarily a teaching institution, according to Dr. Wigent, both the quality of instruction and the educational experience of students will be enhanced by increasing and integrating scholarship across disciplines. He adds that the abundance of scholarship and the variety of research initiatives conducted at USP will not only impact faculty and students but the University and its already stellar reputation as well.

SPECTRUM OF RESEARCH ACROSS DISCIPLINES

There was a time when the only research conducted at USP was dedicated to drug discovery and drug delivery. Faculty and students now focus their attention on a wide range of topics in the health professions and sciences. Below is a partial list of scholarly activities performed on campus:

PHILADELPHIA COLLEGE OF PHARMACY
- Drug delivery
- Drug metabolism
- Mechanisms of neurodegeneration
- Mechanisms of carcinogenesis
- Patient outcomes (health outcomes) using clinical data
- Patient-focused interventions
- Pharmacoeconomic analysis

MISHER COLLEGE OF ARTS AND SCIENCES
- Chemical synthesis
- Computational chemistry and molecular modeling
- DNA bending
- Analytical methodology

Humanities:
- Historical research
- Literary studies
- Pedagogical studies

COLLEGE OF HEALTH SCIENCES
- Stroke and spinal cord injuries
- Shoulder biomechanics in athletes
- Clinical decision making in physical therapy students and clinicians
- Community-based intervention programs for underserved patient populations

COLLEGE OF GRADUATE STUDIES
- Cell biology
- Fluorescence DNA sequencing
- Receptor binding
- Kinetics
- Radioisotope methodology
- Nuclear magnetic resonance spectroscopy studies

For more information on research at USP, go to www.usip.edu/research/.

For more profiles of faculty and student research at USP, go to www.usip.edu/profiles/
A mortar and pestle that bears the name and insignias of Napoleon. Another with the imperial monogram of Frederick the Great.

These two items—symbolic of medicine’s earliest beginnings—not only represent scientific history but a lost art form, as well. And both reflect the leadership the MARVIN SAMSON CENTER FOR THE HISTORY OF PHARMACY at University of the Sciences in Philadelphia has taken in the preservation of artifacts tied to pharmacy’s stoned past. The museum’s collection is so vast—numbering more than 10,000 objects—and so notable that pieces are sought after for exhibitions at both public and private institutions.

Surprising for a small health science university? Not when you consider the first college of pharmacy in the western hemisphere was born within these hallowed halls.

“Some objects date back to Roman times and are over 2,000 years old,” according to MICHAEL BRODY, MA, director and curator of the museum. “There are implements, such as microscopes and instruments, glass pharmacy jars, pharmacy items in their original packaging and medicaments of all types, along with fine art items such as sculptures and paintings dedicated to the history of pharmacy.”

Brody, who has performed doctoral work in Italian Renaissance ceramics, considers the museum a repository of some of the finest and most interesting items in this genre.

The mortar and pestle collection, for example, shows how these emblems of pharmaceutical science have evolved over the past 500 years. Crafted in materials reflective of their owners and their place in time, the collection includes pieces in brass, bronze, glass, ivory, ceramic, wood, and stone. Some are primitive and strictly functional, while others are so astonishingly decorated and embellished they stand alone as objects of art.

Pieces from this collection are now part of a private exhibition that opened December 9 at Wyeth Pharmaceuticals’ world headquarters in Collegeville, Pa. Many USP alumni who work at Wyeth attended the unveiling of the exhibition, along with USP President DR. PHILIP P. GERBINO, P ’69, PharmD’70, and JOSEPH M. MAHADY, MBA, president of Wyeth North America and Global Business. During the event, Donald A. Tobins, assistant to the president at Wyeth Research, noted that close to three percent of the approximately 4,200 employees at Wyeth’s headquarters received undergraduate or graduate degrees from USP.

“The pharmaceutical industry more than ever needs a highly skilled workforce—not only from a technical perspective—but a
workforce that can represent the important work we do to the public we serve,” says Mahady, who is also a member of USP’s Board of Trustees. “John Wyeth, founder of Wyeth Pharmaceuticals, graduated from USP 150 years ago in 1854. Through his legacy, we continue to hire the best and brightest from his alma mater, and we are proud to have many USP graduates as members of our workforce. We look forward to a continuing relationship and the rewards we can share together.”

The exhibition, “Grinding Stone to Art Object: The Mortar and Pestle from the Renaissance to the Present,” will be on display for one year at Wyeth. The centerpiece is a mortar and pestle of Frederick the Great, king of Prussia, that is dated 1767. “We believe it was used by the royal pharmacist and displayed in the imperial apothecary,” Brody states. “Then, the kinds of substances ground and mixed in it would’ve been herbs, nuts, spices, oils, or natural plants.”

It seems somehow remarkable, but fitting, that these pieces are being exhibited at a company founded by one alumnus, JOHN WYETH P’1854 and courtesy of another, JOSIAH K. LILLY P’1882. The Frederick the Great mortar and pestle is just one of the pieces Lilly donated from a collection he purchased en masse from DAVID COSTELO P’1879, proprietor of New York’s Neergaard Pharmacy.

SUSAN BARRETT, MLA, MEd, director of corporate and foundation relations, believes the exhibition “gives us an opportunity to tell our story and theirs. And because John Wyeth is a graduate of our university, it’s a great story to tell.”

USP alumni who are employed at Wyeth were invited to the opening reception. Others who frequent the corporate headquarters common areas will have an opportunity to view the exhibition throughout the coming year. But as Barrett points out, “This is not the first collaborative effort for the museum.”

The Mütter Museum of the College of Physicians of Philadelphia is currently exhibiting pieces on loan from USP—including old apothecary fixtures from the Glentworth Pharmacy. Smith Kline and Beecham, the Chemical Heritage Foundation in Philadelphia, Parker Laboratories, and the Atwater Kent Museum all have exhibited pieces from the Marvin Samson Center for the History of Pharmacy. And as in past years, Teva Pharmaceuticals in North Wales, Pa, is planning to display glass pharmaceutical jars, instruments, and mortars and pestles from the USP museum. “Having a museum on campus and loaning pieces show we value our history and value the chance to share it with others,” Barrett emphasizes.

What’s next? More opportunities for the museum to collaborate are on the horizon. An exhibition of original paintings by Frank Netter, MD, artist of the anatomical renderings originally commissioned by Ciba-Geigy and now owned by Novartis Pharmaceuticals, is scheduled to open on campus in spring 2005. Dr. Netter created more than 4,000 medical illustrations during his lifetime and is the most renowned American medical illustrator of the twentieth century. A physician himself, Dr. Netter’s talent for art refocused his career.

The Netter exhibition is set to run four months at the Marvin Samson Center for the History of Pharmacy and will include about 30 images. In addition, as the 185th anniversary of USP is celebrated next year, the museum will present its most prestigious public exhibition to date—one that will include that very notable Napoleon mortar and pestle. Given the significance of the occasion—and the pursuit of preserving history that the museum has embarked upon—somehow we think Napoleon’s pharmacist would approve.
Turning the Tables: Alumni Grade USP
Does University of the Sciences in Philadelphia Care What its Alumni Think? Absolutely.

BY CAROL R. COOL

SINCE 1995, the University has conducted an annual survey of alumni who graduated three, five, and ten years ago. The responses are valued and guide changes to University programs and services. Alumni know best if their USP education prepared them for their chosen professions and enabled them to reach their personal goals as well.

WHAT WERE SOME OF THIS YEAR’S FINDINGS?
This year 226 alumni responded to the 17-question survey, which was sent out on April 15 and due back the first week of June. Many of the findings were encouraging. Ninety-one percent were “satisfied” or “very satisfied” with their major program of study. Both quality of instruction and overall academic experience received 85 percent approval ratings. These ratings are down just slightly from the 2002 and 2003 survey results (2002 was the first year for this series of questions). And satisfaction with the academic preparation for one’s first job came in at 84 percent, a slight increase over the previous two years.

USP faculty and staff are also encouraged that 83 percent of alumni feel their USP education was instrumental in helping them achieve their personal goals, an all-time survey high (over the previous 10 years, the percentages ranged from 74 to 81). “For the University to have had a role, even to a slight degree, in helping our former students pursue and achieve their life ambitions is indeed a very positive revelation,” says KEN LEIBOWITZ, MA, assistant professor of communication and director of special assessment projects, who is responsible for the survey.

This year, a new question was asked about USP’s reputation among professional acquaintances who did not attend the school. Both pharmacy and physical therapy alumni say their colleagues generally have a positive opinion of USP (71 percent and 68 percent, respectively) and that almost no one has a negative opinion. The balance of respondents said it varies from person to person. In other majors, which for evaluation purposes were grouped together because of the small number of responses, the generally positive opinion response received a 58 percent rating; the generally negative opinion response was eight percent.

Thirty-five percent of respondents felt USP’s academic reputation was improving, while 50 percent felt it was the same. Eighteen percent of pharmacy respondents felt USP’s reputation was declining, a response that LISA LAWSON, PharmD, assistant dean of pharmacy, believes may be due to changes in both the University’s name and the structure of the pharmacy program.

“The change from a five-year BS degree to a six-year doctor of pharmacy degree would seem at first to improve the school’s reputation,” says Dr. Lawson. “But we formerly had a post–BS PharmD program that only graduated 15 to 20 students a year and was perceived as the premier program in the country. When you change to a program that will graduate 200 PharmDs a year, that can seem to diminish its allure.”

RUSSELL DIGATE, PhD, the new dean of pharmacy, plans to meet with many alumni over the next year. Their insight will help fine-tune the program to ensure the school’s stellar reputation.

WHAT’S THE POINT?
According to Leibowitz, the surveys were first used in 1992 as part of the University’s self-study for reaccreditation. “A significant area of concern for most accrediting bodies involves the assessment of learning outcomes. One essential source for this information is alumni outcomes data.”

In 1995 USP decided that annual surveys would be beneficial. “The alumni survey helps the University in the same way a yearly health exam helps us as individuals,” says Leibowitz. “It provides an ongoing stream of information on the health of the institution with respect to its impact on our former students. It provides us with information to assess whether there is any change in a pre-existing condition, it alerts us to a significant change that might require more immediate attention, and hopefully, it informs us that the institution is healthy in most respects.”

The survey benefits alumni as well. Many former students have passionate views, both positive and negative, of their USP experience, and the survey affords the opportunity to share their opinions. Thirty-nine percent
drives the change, often begins with and continues due to the input of alumni. One need look no further than the construction of the Athletic/Recreation Center (ARC) and the modifications to the student advising program to realize that alumni feedback has had a lasting impact on USP."

The ARC, which opened in 2003, was a long-time request of alumni, who in previous surveys said there was no place on campus for student life that went beyond the classroom. These comments played a role in helping the administration realize this was a key issue it needed to address. The result was the ARC, a spectacular 78,000-square-foot building that provides students with multiple avenues for relaxation and socializing.

Alumni input also provided the impetus for overhauling the advising system with the entering class of 2003. According to SUZANNE TRUMP, MDiv, MA, OTR/L, assistant dean of retention and academic advising, "We solicited faculty members to advise the first-year students and hired two professional advisors to assist them. We want a proactive system that goes the extra mile to reach out, not waiting for students to come to us. An incoming student survey gives advisors the information they need to probe deeper, to identify each student's strengths and challenges." This academic year, second-year students were included in the program, and more professional advisors were added.

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The 2004 survey showed that 60 percent of alumni were satisfied with the quality of academic advising. This was a slight increase over the 2003 survey on which the question was asked for the first time. USP will be watching the survey in future years to see if the new system results in increased levels of satisfaction.

DO YOU CARE TO MAKE A DIFFERENCE?
"The results of the alumni survey provide USP with a critical assessment from its most important stakeholders—the graduates of its programs," says JANICE GASKA P'79, PharmD'82, president of the USP Alumni Association. "It is very important for alumni to take advantage of this opportunity to provide the University with their input into a USP 'report card.' As alumni in today's workforce, we are encountering change at an ever-accelerating pace. It is critical to the success of the University to equip its students with an education that will enable them to be successful in such a challenging environment."

So if you receive an envelope from USP in April, open it up. It may just be your opportunity to give the University a piece of your mind. And USP will be glad to find out if we made the grade.
USP CAREER FAIR CREATES A NETWORK OF POSSIBILITIES FOR STUDENTS

BY SHAWN FARREL

IF KNOWLEDGE IS POWER, then networking is the engine that harnesses that power. More than 750 USP students realized the significance of networking October 21 when the University’s Department of Career Services hosted its ultimate networking forum—the USP Career Fair. Now in its fourth year, the semiannual career fair has become a highly anticipated event among both recruiters and students.

“Career fairs are very important to our overall recruiting strategy,” says PETER VANPELT P’97, pharmacist recruiter for Albertson’s/ACME, Inc., one of the more than 50 companies that attended the event.

USP students anticipate the opportunity to rub elbows with recruiters as well. “I haven’t missed one since I was a freshman,” says EZRA MELL PharmD’07.

Armed with their resumes and finest business attire, USP students were prepared to network with more than 100 corporate and government recruiters, such as those from Calvert Laboratories, Inc., GlaxoSmithKline, and the Food and Drug Administration (FDA). PATRICIA PETERSON, MEd, director of USP’s Department of Career Services, says the success of the career fairs is positioning USP as a recruitment powerhouse.

“Companies are begging for highly qualified candidates, and our students are what they are looking for,” says Peterson. “We’re shooting for 1,000 students at the next career fair scheduled for March 3.”

More and more alumni are also attending the career fairs, but they’re not returning to their alma mater to find jobs. Instead, they are hoping to provide employment opportunities.

After attending his first career fair in fall 2000, Mell decided to hone his job-search skills by seeking assistance from Peterson and her staff. More students are also knocking on the door of Career Services for employment advice. With more than 20 years’ experience in career counseling, Peterson brings a high-energy approach to career development at the University.

“During my first year here at the University four years ago, I had 162 individual career counseling appointments,” says Peterson. “Since that time, the number has more than tripled. I’ve had 497 career counseling appointments the first six months of this year alone.”

Peterson attributes the increased interest to a bevy of highly visible programs offered by Career Services. From an informative website that includes job and internship listings to workshops covering topics such as resume writing and how to “dress for success,” Career Services tries to facilitate opportunities for students to access career-building resources.

“During the last four years,” says Peterson, “I’ve noticed an increased number of USP alumni attending the career fairs. Many USP alumni are now going to their company’s human resource department and asking if they can represent their individual organization at USP. This is also an excellent way to bring organizations to campus.”

VanPelt, one of the many alumni who came to the career fair as a recruiter, agrees about the event’s significance. “USP career fairs are a great place to reach out to students, meet them face to face, and expose them to opportunities at our company,” he says.

“This is also an excellent way to bring organizations to campus.”

“USP STUDENTS ARE ALWAYS ENTHUSIASTIC AND VERY KNOWLEDGEABLE. THEY COME TO THE FAIR WITH A KEEN AWARENESS OF THE ISSUES AND LEGISLATION AFFECTING PHARMACY PRACTICE IN THEIR STATE.”

PETER VANPELT P’97, pharmacist recruiter for Albertson’s/ACME, Inc.
“COMPANIES ARE BEGGING FOR HIGHLY QUALIFIED CANDIDATES, AND OUR STUDENTS ARE WHAT THEY ARE LOOKING FOR.”

PATRICIA PETERSON, MEd, (left), director of USP’s Department of Career Services

“IF KNOWLEDGE IS POWER, THEN NETWORKING IS THE ENGINE THAT HARNESSES THAT POWER.”

“Our students are very busy,” says Peterson, “so we’re moving to events in the evening to accommodate student schedules.”

Peterson not only recognizes the need for flexibility but also knows how to capture an audience. Her “Don’t Cancel That Class” program encourages faculty to contact her office if a class needs to be cancelled. For example, in lieu of a cancelled biology lecture, Career Services will fill the void with a career planning lecture.

“If it’s a microbiology class,” says Peterson, “we’ll come to that class prepared to guide a discussion on the variety of career opportunities open to biology majors. We strive to keep it relevant.”

These initiatives and targeted programs prepare USP’s students with a better understanding of the vast opportunities their education can provide.

“As a freshman pharmacy major, I came in only knowing of opportunities in hospitals, industry, and community pharmacy,” says Mell, “but at the career fairs I learned that there is much more out there.” It was at a career fair that Mell first learned of the Public Health Service, which eventually led to a position with the FDA this past summer.

USP’s Career Services actively promotes the career fair among freshmen, sophomores, and juniors as well to help them pursue worthwhile summer jobs and internships. VanPelt’s recruitment team from Albertson’s/ACME, Inc., came to the Fall Career Fair to find candidates to fill both full- and part-time positions and participate in a specially structured summer internship program.

“USP students are always enthusiastic and very knowledgeable. They come to the fair with a keen awareness of the issues and legislation affecting pharmacy practice in their state,” says VanPelt. “They are some of the most prepared and professional students we encounter.”

“Our students understand that this is a professional school,” adds Peterson. “Our job is to help each and every student bring that sense of professionalism to the development of their career aspirations.”
“To provide the means of instruction by the establishment of a school of pharmacy in which shall be taught those branches of knowledge essential to the education of an apothecary; to invite a spirit of pharmaceutical investigation and research...; to guard the drug market (and the public) from the introduction of spurious, adulterated, deteriorated, or otherwise mischievous articles...”

Mission statement, drafted in 1821, based on the traditional roles of the academy—teaching, research, and service.
staff, and alumni who pass through the corridors of campus buildings such as Griffith Hall and Osol Hall to know the history of the structures as well as the people whose names they bear.

“This University has such a glorious history,” says Dr. Rossi. “It started with individuals who had great courage and foresight. The fact that it has survived as a private, independent institution for nearly 185 years is astounding. There are many bright, new faces on campus that may not know the rich history of the institution. It’s a story that needs to be told.”

Courageous Beginnings—Bold New Initiatives will be a special publication commemorating the University’s 185th anniversary, which is on February 23, 2006.

“There were undoubtedly many outstanding achievements by the University in those early years,” says Dr. Rossi, “but what was just as amazing was the mission statement. The fact that a group of apothecaries in 1821 could craft a powerful statement that is still applicable today is incredible. It steered the institution from its inception to the modern era. It was modified and expanded over time, but it reminds me of the timelessness of the Constitution.”

While Dr. Rossi relied on archives and other records to chronicle the institution pre-World War II, he was able to write about the following 50 years mostly through personal recollections. Beginning as a student in the late 1940s and after being named to a faculty position in 1955, Dr. Rossi has witnessed the institution’s growth from a one-building college operated out of Griffith Hall to a vibrant 35-acre university that includes 16 buildings and an anticipated multimillion-dollar Science and Technology Center.

In what he calls a “personal narrative,” he highlights the evolving academic programs and the legacies and triumphs of the institution’s most influential leaders from DRS. IVOR GRIFFITH (1941–61) and ARTHUR OSOL (1963–75) to DRS. ALLEN MISHNER (1984–95) and PHILIP P. GARBINO (1995–present).

“The college has been fortunate in finding the right leader at the right time,” says Dr. Rossi. “Each president instilled strong leadership and provided a solid infrastructure for the next to succeed.

“President Griffith guided the institution through turbulent times and engineered the post-war revitalization of the college,” he adds. “President Osol recognized we needed something that resembled a physical campus and paved the way for the College to construct five new buildings in a period of 10 years. President Misher brought about a cultural shift in the curriculum from professional training of students to professional education. He emphasized a general education for students that included the social sciences and humanities. President Gerbino was incredibly persistent in helping the University acquire the abandoned Breyer’s Ice Cream factory site that increased the physical space of the campus and eventually led to the building of the Athletic/Recreation Center. Dr. Gerbino also led the transition of the institution from college to university status.”

Dr. Rossi says writing the history capsule was a labor of love because the University and his former students remain dear to his heart. He will also be involved in collaborating to produce a more extensive history of the University that will document and chronicle the institution’s last three decades in much greater detail. For now, he is content with his latest work of art and hopes the constituents of USP appreciate how the University’s proud history has dramatically influenced the present and will continue to impact the future.

“If the University’s past is a prologue, then the future of this great institution looks bright indeed.”

Dr. Rossi joined the Philadelphia College of Pharmacy & Science (PCPS) faculty after completing graduate studies at Purdue University. While at PCPS/USP, he served in a number of significant roles, including chair of the Department of Biological Sciences and the Department of Pharmacology and Toxicology, associate dean of Graduate Studies, and vice president for academic affairs. In 1992, he was awarded the title of Leonard and Madlyn Abramson Professor of Pharmacology.
SPORTS BRIEFS

The coed rifle team completed its fall campaign with a 6-4 small-bore record and a 6-3 air rifle record. The Devils competed against some of the leading programs in the east, including Navy, Norwich University, Virginia Military Institute, and the University of Akron.

MICHELLE BAUER DPT’10 tied a school record with a 584 smallbore score versus John Jay College on October 9, 2004.

The USP women’s volleyball team ended its season with a 17–16 mark, its first winning season since 1996. The 17 wins established a new record for victories in a season, eclipsing the old record of 14 set back in 1994. USP finished fourth in the Central Atlantic Collegiate Conference and hosted a CACC quarterfinal playoff game, losing to New Jersey Institute of Technology, 3–1.

EMILY ROTH PharmD’08 was named to the CACC All-Conference Team for the third consecutive year. Roth broke the single-season records for kills and digs with 417 and 581, respectively. She also became USP’s all-time digs leader with 1,313. Roth was named to the College Sports Information Directors of America’s Academic All-District-II First Team. Roth and ABIGAIL HUGHES DPT’10 earned CACC Player of the Week honors during the regular season.

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RENOWNED SCHOLARS AND MEDICAL PROFESSIONALS PRESENT AT USP

During the fall semester, several well-known scholars and medical professionals visited the University to present lectures to students, faculty, staff, and neighborhood residents on topics that focused on health, science, and cultural issues.

• The Annual Fall Health Policy Program Speaker Series featured a variety of health care professionals and scholars who addressed ethical issues that affect policy makers, clinicians, researchers, and patients. ARTHUR CAPLAN (pictured) Hon’02, PhD, University of Pennsylvania’s nationally renowned bioethics expert, presented a lecture titled “Why Can’t Americans Figure Out How To Die?: Health Policy and End of Life Care.”

• The Pennsylvania Sociological Society held its 54th annual conference at USP. The two-day conference commemorated the 50-year anniversary of the U.S. Supreme Court’s Brown vs. Board of Education verdict, one of the most significant decisions in American constitutional law, which addressed the nation’s vision of equality and justice for all. Award-winning author Patricia Hill Collins, PhD, who is the chair and Charles Phelps Taft Professor of Sociology within the Department of African American Studies at the University of Cincinnati, served as keynote speaker. She is the author of the award-winning Black Feminist Thought: Knowledge, Consciousness, and the Politics of Empowerment and Race, Class, and Gender: An Anthology, which is widely used in more than 200 colleges and universities. Dr. Hill Collins is most famous for her development of a black women’s standpoint of epistemology.

• Frank Eisenhaber, PhD, of the Research Institute of Molecular Pathology (IMP) in Vienna, Austria, presented a pair of biology lectures as USP’s second Glasser Visiting Professor program. Dr. Eisenhaber leads IMP’s bioinformatics research group and the IT department. His scientific interests focus on the function and structure prediction from biomolecular sequences and on the application of mathematical approaches in life science theory. The Glasser Visiting Professor program is sponsored by a generous donation from ABRAHAM GLASSER P’43 and his wife, GLORIA GLASSER Hon’02. The Glassers’ gift enables USP to invite a young, innovative scientist from Europe to interface with faculty and students and the surrounding scientific community. They hope such interactions will promote scholarly activity and collaborative efforts in the areas of biotechnology and molecular biology.

• The impact of complementary and alternative therapies and medicines was the focus of several lectures that were supported by the Cox Foundation of the National Center for Homeopathy. The lectures provided a unique academic forum for the USP community and the greater public to discuss and debate the virtues of complementary and alternative medicine. Professors and other skilled professionals, including C. Edgar Scheaffer, VMD, a nationally known holistic veterinarian from Lancaster, Pa., spoke on a variety of topics, including the history of these medicines, how traditional health care providers use complementary medicines in everyday practice, and the different ways homeopathic medicine can be used for animals.
PHARMACY PROFESSORS PARTICIPATE IN EMERGENCY PREPAREDNESS CLINIC

STEVEN SHEAFFER, PharmD, associate professor of clinical pharmacy, and MATTHEW LAND, an adjunct faculty member and director of the Poison Control Center at Children’s Hospital of Philadelphia, partnered with the Montgomery County Department of Health to conduct a tabletop emergency preparedness clinic on September 29. JOSEPH DIMINO, DO, P’62, the medical director for Montgomery County, planned the clinic, which focused on how both the pharmacy and broader public health communities would work together in the event of a major emergency that required significant access to medications due to infectious or toxic agent exposure. A group of community and hospital pharmacists from the region were invited to discuss these issues with the Pennsylvania Society of Health-System Pharmacists and Pennsylvania Pharmacists Association. Pharmaceutical wholesalers and pharmaceutical companies were also represented, as well as members from local, state, and federal law enforcement; representatives of health departments from adjoining counties; and first responders such as paramedics.

A series of emergency response scenarios were presented, and each group of health professionals described how they would take action and what steps needed to be taken. The participants discussed how they could collaborate to properly evaluate patients and safely and efficiently provide antibiotics to thousands of patients over several days.

“Much was learned from the day about how each group was prepared to respond,” said Dr. Sheaffer, “but many questions were raised that will need to be addressed in future educational programs and training exercises.”

(If any alumni are interested in being a volunteer to support medication use systems during a major emergency, contact Dr. Sheaffer at 215.596.8773 or by e-mail at s.sheaff@usip.edu. If you are not a Pennsylvania resident, he will refer you to the appropriate person in your state.)

NOBEL PEACE PRIZE WINNER HAS FAMILY TIES TO USP

The continent of Africa collectively must have been beaming following the announcement that Kenyan environmentalist Wangari Maathai was named the first African woman to win the Nobel Peace Prize. She received the honor for her work in aiding democracy and seeking to save Africa’s shrinking forests.

MUTA MATHAI, a research technician in the Department of Biological Sciences at USP, was also exhilarated upon hearing the announcement. Mathai is the son of Wangari Maathai and helped his mother with one of her major initiatives, the Kenya-based Green Belt Movement (GBM), a grassroots nongovernmental organization that has worked in environmental conservation and community development in Kenya for more than 25 years. The organization has planted about 30 million trees across Africa, mainly in Kenya.

Mathai was involved in the development of Green Belt Safaris, a core program of the GBM. Green Belt Safaris offers a unique cultural experience through community home stays where guests enjoy a rich exchange with their host-families while participating in field activities related to GBM projects and life in the rural areas in Kenya. The safaris help to generate income for the GBM’s many projects.

“When I found out my mother won the Nobel Peace Prize, I was completely overwhelmed,” says Mathai (who spells his last name different from his mother’s). “She works tirelessly and is very devoted to her work. She employs participatory methodologies to her work in order to allow others to express their opinions as well as empower them so that they, too, can go out and make a difference. She’s an outstanding mother and humanitarian, and this is a great way to honor her. It is a crowning achievement for her, and I am moved beyond words.”

Mathai is not the only faculty/staff member on campus who has a family connection to a Nobel Prize. MARGARET KASSCHAU, PhD, associate vice president for academic affairs, is the daughter of NORMAN F. RAMSEY, PhD, Hon’95, who received the Nobel Prize in Physics in 1989 for the invention of the separated oscillatory field method, which had important applications in the construction of atomic clocks.

FESTIVAL CELEBRATES THE BEGINNING OF FALL

USP held a Fall Festival Celebration on campus for students, their families, faculty, and staff on October 23. The event featured an old-time carnival theme that included a live DJ, food, lively carnival games, creative arts, and a variety of entertainment for all. Guests also were able to take a Philadelphia Trolley Tour, which helped them learn and enjoy Philadelphia’s rich history and culture through entertaining and enlightening narratives on Victorian-style trolleys. They also experienced locally grown produce and other delicacies at the Clark Park Farmers Market. The Fall Festival Carnival featured carnival foods such as roasted peanuts, caramel-dipped apples, cotton candy, and snow cones, as well as activities and games including make-your-own potpourri, arts and crafts, a “turkey shoot,” and dunking booth.
INTERNATIONAL RESEARCHER NAMED TO FACULTY POSITION
VINAND M. NANTULYA, MD, PhD, a renowned international researcher, has been appointed to serve as research professor and fellow of Misher College of Arts and Sciences. While at USP, Dr. Nantulya will participate in various research activities on campus, collaborate with faculty in the natural and social sciences, and serve on student thesis and dissertation committees. He will also seek external grants and contracts to support research initiatives.

Dr. Nantulya is the senior advisor to the executive of the Global Fund to Fight AIDS, Tuberculosis, and Malaria. In this position, he is the executive director’s most senior advisor on public health issues in the developing world and acts as the first representative at global health forums. Previously, he was a senior research scientist in international health at the Center for Population and Development Studies within the Harvard School of Public Health. He worked for six years as corporate director of programs at the African Medical and Research Foundation in Nairobi, where he was responsible for strategic planning, program monitoring, and evaluation.

Dr. Nantulya is a physician with several years of experience in basic science research. He has published peer-reviewed research articles in international scientific journals and serves on several international scientific committees. His research interests in public health have focused on health equity, communication of health information to communities, and health systems. He participated in the WHO/SIDA/ Rockefeller Foundation’s Global Health Equity Initiative, leading two studies on health equity issues related to road traffic accidents in a developing country context (Kenya) and adolescent lives and livelihood in a developing country context (Tanzania). Both studies are published in a book titled Challenging Health Inequities: From Ethics to Action, published by Oxford University Press. He has served on several expert committees of the World Health Organization, and he is a member of the executive committee of the International Federation for Tropical Medicine.

He received an MD from the University of Dar es Salaam and a PhD in immunology from University of Nairobi. He also is a fellow of the Royal College of Pathologists in London, England.

PROGRAM PREPARES STUDENTS TO PURSUE GRADUATE AND RESEARCH OPPORTUNITIES
Receiving a college degree is a remarkable achievement for underrepresented students who strive to overcome financial hurdles. For many of these minority or underprivileged students, their academic journey does not include graduate or postgraduate training, which can be expensive. Five second-year University of the Sciences in Philadelphia (USP) students who fall into this category are on their way to realizing their dreams of pursuing graduate degrees and acquiring rewarding research skills thanks to a new USP program that also involves two other Philadelphia universities.

USP recently partnered with University of Pennsylvania and Arcadia University to develop programs on their campuses that prepare underrepresented students for graduate school and careers in research. The three institutions received funding from the U.S. Department of Education’s TRIO Dissemination Partnership Grant.

The TRIO Dissemination Partnership Program provides grants to enable TRIO projects to work with other institutions and agencies that are serving underrepresented students, including first-generation college students, but currently do not receive TRIO funding. The Federal TRIO Programs are educational opportunity outreach programs designed to motivate and support students from backgrounds considered as underrepresented. The term “TRIO” was coined to describe the three federal programs that once made up the TRIO program.

Over the summer, USP selected five students to benefit from the TRIO program. Ten more students over the next two years will also be chosen to participate. During their academic careers at the institution, the students will be provided with:

• tuition-free classes
• paid research experiences
• free GRE prep courses
• ongoing faculty mentoring
• opportunities to meet with scientists and PhDs
• assistance in identifying a range of appropriate graduate schools
• assistance with graduate school requirements
• paid travel for graduate school visits
• assistance in securing graduate school scholarships and fellowships

The students will conduct an independent study with a faculty member and submit a poster presentation on their work for USP’s Annual Scholarly Day in April. They will also apply for summer internships.
OT STUDENT RECEIVES MTVU GRANT TO ORGANIZE HEALTH FAIR

MTV’s 24-hour college network, mtvU, and Youth Venture presented LENA YUEN MOT’05 (pictured, bottom right) with a $1,400 mtvU grant to organize a health fair for low-income families in the Kensington section of Philadelphia. During the past year, Yuen and fellow USP occupational therapy students formed a relationship with a Head Start Preschool program in the Kensington neighborhood of Philadelphia. The students assisted the preschool with creating a learning garden and community mosaic art on the preschool grounds. With the help of the mtvU grant, the students will continue their outreach efforts by providing health-related services and education to the community through a health fair.

“The goal of the health fair is to provide community health education to the Kensington neighborhood,” says Yuen. “We would like to create learning activities that provide parents, neighborhood residents, and children with a positive experience, enhancing the likelihood of incorporating new behavioral lifestyle choices and routines. We will also recruit other social and health-related community organizations to distribute education and information to the local neighborhood.”

The mtvU Grant contest, launched in January 2004, is a joint promotion of mtvU and Youth Venture exclusively for mtvU school students. Every week throughout the 2004 school year, the mtvU Grant will help fund a new student-run community service organization or a new project being undertaken by an existing organization. Winners can receive up to $1,500 to establish their organization. Winners also get the chance to be featured on mtvU News and access to an array of resources and tools to support their organization from Youth Venture.

mtvU is the largest, most comprehensive television network just for college students. Broadcasting to more than 720 colleges across the country with a combined enrollment of close to six million, mtvU is seen 24 hours a day, seven days a week, on campuses throughout the U.S.

Youth Venture is a national nonprofit that invests in young people by providing them with the tools and resources they need to create, lead, and launch their own businesses, organizations, and clubs to benefit the community.

PROFESSOR AUTHORS BOOK ON HISTORY OF RUSSIA

There have been many books written about the history of Russia, but ROY ROBSON, PhD, recently authored a new book that takes a different perspective. In Solovki: The Story of Russia Told Through Its Most Remarkable Islands, Dr. Robson, associate professor of history, writes about Russia’s past by recounting the history of Solovki, a group of islands located in the northernmost reaches of Russia, from its first settlers through the present day. This is Dr. Robson’s second book about Russia. His first book, Old Believers in Modern Russia (Northern Illinois University Press) was published in 1995. He has written journal articles and book chapters on religion and modern Russia and spoken at conferences in America and across Europe on topics pertaining to the history and modern times of Russia.

The islands of Solovki have attracted numerous saints, scoundrels, soldiers, and politicians from the Bronze Age through the twentieth century. Peter The Great once used the islands as a prison. Solovki, like Russia itself, has been a site of both glorious achievement and profound misery. The islands were declared a natural and historical preserve in 1974.

The New Yorker recently said about Solovki: The Story of Russia Told Through Its Most Remarkable Islands: “Robson’s chronicle . . . is intimate enough to capture Solovki’s many sad ironies, and expansive enough to consider its place in Russian history. The result is an epic drama of spiritualism and savagery, set in one of the world’s most extreme frontier territories.”

Caryl Emerson, professor of Russian literature and comparative literature at Princeton University stated: “An extraordinary book. All of the great traumas of Russian history viewed through the lens of a tiny island: Ivan the Terrible, the Great Schism, Peter The Great’s war with Sweden, the Decembrist Revolt, the Crimean War, the long shadow of Stalin, and the shock of recovery in a post-Communist world. For the rocks of Solovki, this history was a blink in the divine eye, but for the rest of us it is a remarkable journey.”
# SCHOLARLY ACTIVITIES

## SYMBOLS
- Faculty and staff = •
- Alumni = ★
- Current student = ★

## ACADEMIC ADVISING

### Presentations

**SUZANNE TRUMP ★, et al.**
- “Orchestrating Timely and Effective Interventions with the Retention Management System” and “Academic Advising for Student Success and Retention” at the National Conference on Student Retention in New Orleans, LA, July 2004.
- “Using Meaning Making to Build Bridges” at the National Academic Advising Association (NACADA) Annual Conference in October 2004. Suzanne has also assumed the position of Mid-Atlantic Region Chair of the NACADA.

## ACADEMIC AFFAIRS

### Professional Activity

**BARBARA BYRNE ★,**
- Reviewer for proposals from eight South Carolina universities for participation in a large SC-INBRE (South Carolina Idea Networks of Biomedical Research Excellence) project, October 17 and 18, 2004. This is a multi-institution proposal for NIH (National Institutes of Health) funding. It focuses on biomedical research at both research-intensive universities and primarily undergraduate institutions.
- Participated in a meeting at Middle States Commission on Higher Education to complete an analysis of the Periodic Review Reports (due halfway between the major 10-year self-studies) of several Middle States institutions. Dr. Byrne was a primary reviewer for one and a secondary reviewer for another on October 28, 2004.

### COLLEGE OF GRADUATE STUDIES

#### Presentations

**SUZANNE DODGSON ★,** “Medical Writing: Where Will We Be 10 Years from Now?” at the American Medical Writers’ Association Delaware Valley Chapter Satellite Meeting in Princeton, NJ, on October 6, 2004.

**RICHARD G. STEFANACCI ★,**
- “MMA Impact on Consultant Pharmacist” (General Session) at the ASCP Annual Meeting in San Francisco, CA, on November 5, 2004.
- “Caring Where Seniors Live [Medical Directors Role Outside the NFT] MMA’s Impact on Long Term Care” at the American Medical Directors Association’s Advanced Course on Clinical Management and Medical Direction in Long Term Care in Houston, TX, on November 17, 2004.
- “Chronic Care Improvement Program” at Thomas Jefferson University; Disease Management Colloquium in Philadelphia, PA, on June 28, 2004.
- “Residential Care Communities: Problems & Opportunities” at the AGS Annual Meeting in Las Vegas, NV, on May 20, 2004.

### Professional Activity

**SUZANNE DODGSON ★,** was part of a panel in an annual conference run by the Western Massachusetts Chapter of the National Writers Union. “Write Angles” at Smith College, Northampton, discussing medical writing and science and health care journalism on October 16, 2004.

**RICHARD G. STEFANACCI ★,**

## DEPARTMENT OF BIOLOGY

### Abstracts

SCHOLARLY ACTIVITIES

Editorial

ARA DERMARDEROSIAN ✉.

Poster Presentations

ARA DERMARDEROSIAN ✉.
“Calculation of Energies of the Cis Epimers of Eleutheroside E, Syringaresinol, and Pinoresinol to Test the Dimerization of Two Monomers of Sinapyl Alcohol Glycoside (Eleutheroside B), Sinapyl Alcohol, and Coniferyl Alcohol Glycoside” at the 228th Annual ACS Meeting in Philadelphia on August 23, 2004.

Publications

ARA DERMARDEROSIAN ✉.

DEPARTMENT OF CHEMISTRY

Abstracts of Papers


Publications


DEPARTMENT OF HUMANITIES

Presentations

MIRIAM DIAZ-GILBERT ✉.
• “The Benefits of Cooperative Learning, Peer Modeling, and Email: Improving the Argumentative Essay Writing Skills of ESL Students” at the 34th Annual Conference of the International Society for Exploring Teaching and Learning (ISTEL), in Baltimore, MD, on October 14, 2004.

• “Enhancing Writing and Speaking Skills Through Guided Reflection Journals” at the 31st Annual TESOL (PRTESOL), in San Juan, Puerto Rico, on November 19, 2004.

WILLIAM REINSMITH ✉.


• “Literature and Life: Helping Students to See” selected by The Writers Research Group to be reprinted in the 2004 edition of Short Story Criticism.

DEPARTMENT OF INFORMATION SCIENCE

Presentations

LESLEY ANN BOWMAN ✉.
“Evidence-Based Medicine (and Practice) Databases and Resources” for the Libraries/ Educational Resources Section at the American Association of Colleges of Pharmacy’s Annual Conference in Salt Lake City, UT, on July 12, 2004.

Publications

DEPARTMENT OF MATH, PHYSICS, AND COMPUTER SCIENCE

Presentations
BRIAN GOTTSCHALL ★, “History of René Descartes” at the University of Delaware Regional MAA Conference on November 6, 2004.

ROOHI KHAN ★, “Using Minimum Spanning Trees to Cluster Gene Expression Data” at the University of Delaware Regional MAA Conference on November 6, 2004.

RAEANNE NAPOLEON ★, “The Chemistry of Trees as Models” at the University of Delaware Regional MAA Conference on November 6, 2004.

VINESH RANA ★, “Everyday Encoding and Decoding” at the University of Delaware Regional MAA Conference on November 6, 2004.

Professional Activity

DEPARTMENT OF OCCUPATIONAL AND PHYSICAL THERAPY

Awards
ROGER IDEISHI ★, received the prestigious Homiller Award for Teaching Excellence.

Presentations


Publications

DEPARTMENT OF PHARMACEUTICAL SCIENCES

Presentations


AHMED EL-GENDY ★, ADEBOYE ADEJARE ★, “Im mobilized Artificial Membrane Chromatography: A Useful Tool for Predicting Membranes Permeability” at the national meeting of the American Association of Pharmaceutical Scientists in Baltimore, MD, November 7–11, 2004.

GRANT HEINICKE ★, JOSEPH SCHWARTZ ★, “Direct Measure of Film Thickness on Multi-particulates by Image Analysis” at the national meeting of the American Association of Pharmaceutical Scientists in Baltimore, MD, November 7–11, 2004.


XILI JINO ★, SHANAZ TEJANI-BUTT ★, WILLIAM PARE ★, “Differential Effects of Stress-Alcohol Interaction on Dat Sites in Wistar Kyoto and Wistar Rats” at the 34th Annual Meeting for the Society of Neuroscience in San Diego, CA, on October 24, 2004.


RAJESHWAR MOTHERAM ★, PARDEEP GUPTA ★, et al., “Behavior of Recombinant Human Growth Hormone (r-hGH) at Solid/Liquid Interfaces: Modulation of Adsorption Characteristics of r-hGH onto Positively and Negatively Charged Polystyrene Latex Particles by Change of Ionic Strength and Dielectric Constant of the Solvent Medium” and “Behavior of Recombinant Human Growth Hormone (r-hGH) at Solid/Liquid Interfaces: Study of the Affect of the Solution pH on the Adsorption of (r-hGH) onto Negatively and Positively Charged Polystyrene
SCHOLARLY ACTIVITIES

Latices” at the national meeting of the American Association of Pharmaceutical Scientists in Baltimore, MD, November 7–11, 2004.


WEIJUN REN ※, PARDEEP GUPTA ※, “Permeability and Uptake of Insulin-TAT-Peptide Conjugates to Caco-2 Cell Mono-layers” at the national meeting of the American Association of Pharmaceutical Scientists in Baltimore, MD, November 7–11, 2004.


ELENA UMLAND ※, CYNTHIA SANOSKI ※, “Cardiovascular Risk Factor Assessment in Pharmacy Students” at the American College of Clinical Pharmacy Annual Meeting in Dallas, TX, October 24–27, 2004.

Presentations

MICHAEL CAWLEY ※※, “A Case Based Approach for the Treatment of Community Acquired Pneumonia” at the Clinical Pharmacy and Medical Staff in Lewiston, PA, in September 2004.

GRACE EARL ※, “Drug Therapy for Management of Acute Heart Failure,” Continuing Education Program sponsored by Cooper Health-System Department of Nursing, Cooper Hospital in Camden, NJ, on November 3, 2004.

DANIEL HUSSAR ※※, “New Drug Update” at Lancaster General Hospital’s Grand Rounds on November 16, 2004; at the annual meeting of the American Society of Consultant Pharmacists in San Francisco, CA, on November 6, 2004; at the National Conference of Gerontologic Nurse Practitioners in Phoenix, AZ, on October 2, 2004; and as a continuing education program of the Philadelphia Alumni Association of Alpha Zeta Omega on October 24, 2004.

LAURA MANDOS ※, “Major Depressive Disorder: Current Concepts and Controversies” presented to Rite Aid Pharmacists in Harrisburg, PA, on October 13, 2004.
ANDREW PETERSON •

NAU D, ANDREW PETERSON •
Methodological Guidelines for Medication Adherence Studies” at the International Society for Pharmacoeconomics and Outcomes Research in Hamburg, Germany, October 2004.

ANTHONY SORRENTINO ★★
• “Viral Hepatitis” at the Pennsylvania Pharmacists Association Southeast Regional Conference hosted by Delaware County Pharmacists Association in King of Prussia, PA, on November 7, 2004.
• “Pain Management Issues in Community Pharmacy Practice” at University of the Sciences in Philadelphia on November 21, 2004.

SARAH SPINLER ★
• AF Forum: “Management, Anticoagulation and Stroke Prevention” at the Delaware County Memorial Hospital Medical Grand Rounds, Academy for Healthcare Education ACPE Accredited Continuing Education Program in Drexel Hill, PA, on October 30, 2004.

ERIC WITTBRODT ★
• “Assessing the Value of Erythropoietic Growth Factors in Oncology-Associated Anemia: Consensus and Controversies” in Huntsville, AL, on August 31, 2004; Baltimore, MD, on September 20, 2004; Tupelo, MS, on October 6, 2004; and Baltimore, MD, on October 28, 2004.
• “Significant Papers in Critical Care: The SAFE Study,” “New Developments with Peripherally Selective Mu-Opioid Antagonists” (Program Chairman), and “Current and Emerging Management Strategies for Managing POI, OBD, and Chronic Constipation” at the American College of Clinical Pharmacy Annual Meeting-CE Symposium in Dallas, TX, on October 25, 2004.

SARAH SPINLER ★, et al.

ERIC WITTBRODT ★, et al.
“Association of Troponin I Levels with Outcomes in Sepsis,” Chest, 2004; 124:865S.

DEPARTMENT OF SOCIAL SCIENCES
Presentations
PATRICIA DITUNNO ★, et al.

DEPARTMENT OF STUDENT AFFAIRS
Presentations
TERRY DOUGHERTY ★
• “Motivating Your Staff Through Customer Service Training” at the Regional Conference for the National Intramural and Recreational Sports Association in Syracuse, NY, on November 12, 2004.

JOSH WILKIN ★
“New Perspectives on RA Training” at the Mid Atlantic Association of College and University Housing Officers Conference on October 21, 2004.

جرامبلي: عروضات جامعية صفحة 23
DR. JOSEPH L. FINK III MAY BE ONE OF THE HARDEST-WORKING PHARMACY EDUCATORS IN THE COUNTRY.

JOSEPH L. FINK III P’70, JD

Dr. Joseph L. Fink III may be one of the hardest-working pharmacy educators in the country. Just listing his many professional titles at the University of Kentucky (UK) in one breath is difficult. But thanks to his tireless efforts and tactics, the folks at Kentucky have been breathing easy since he arrived at the university in 1981.

Dr. Fink directs the Office of Research and Economic Development at UK. He also acts as professor of pharmacy, professor of health administration, professor of public health, professor in the Martin School of Public Policy and Administration, faculty associate with the University of Kentucky Center for Health Services Management and Research, and faculty associate with the Center on Drug and Alcohol Research.

The challenges and responsibilities may keep increasing, but he has met each head on and, in the process, has built an impressive track record.

In his role with the Research Office, he has administrative responsibility for the Advanced Science and Technology Commercialization Center, an 80,000-square-foot, high-tech business incubator facility, which allows start-up faculty labs and businesses to develop and flourish. During his leadership, the center has “graduated” 24 start-up businesses from the incubator to the community, and seven firms are now based there. In 2002, UK was ranked tenth in the nation among all universities for the number of start-up firms formed per $10 million in research spending. He also has authority to negotiate and sign intellectual property licensing agreements for the institution.

As associate vice chancellor for academic affairs, he worked with both the Office of Admissions and the Merit Scholarship Office to improve the academic profile of the university. During his tenure in this post, the average ACT score of the entering class at the university rose by one full unit to be above the eighty-fifth percentile nationally and four units above the national average. The average high school GPA of the entering class rose from 3.19 to 3.40, and the number of National Merit Scholars in the entering class dramatically increased from 12 in 1989 to 77 in 1995.

Dr. Fink spent eight years at USP, where he advanced from assistant professor to professor. In 1985, he served an American Council on Education Fellowship in Academic Administration. He is a fellow of the American Pharmacists Association (APhA) and a former vice speaker of the House of Delegates of the association. He chaired the committee for the latest revision of the APhA Code of Ethics for Pharmacists and currently serves the association as Parliamentarian for the House of Delegates. He was founder and first president of the American Society for Pharmacy Law.

The Kentucky Pharmacists Association recognized him as “Pharmacist of the Year” in 1988 and in 2002 conferred on him the Distinguished Service Award for significant contributions to the profession over an extended period of time. He has been recognized twice nationally for his leadership and scholarly contributions to his specialty area of the law, and in 2004, the American Society for Pharmacy Law established the Joseph L. Fink III Founders Leadership Award in his honor. His scholarly works include more than 260 publications in the fields of law pertaining to pharmacy, pharmacists, pharmaceuticals, food and drug law, and health care law. For more than 20 years, he has been an editor of Pharmacy Law Digest, the most widely used pharmacy law text and reference in the United States.

Dr. Fink currently resides with his wife Maureen in their home in Lexington, Ky.
When DR. MARTIN GIBBS first entered college, chemistry was his primary focus, but that essentially changed when he registered for a science elective in pharmacognosy. This was his first educational experience in plant science. He became captivated with plant biology when he participated in faculty-led field trips to Philadelphia parks, where he learned about the principles of plant systematics and the function of plants.

His passion for plant science helped him establish a highly successful career as an educator, researcher, administrator, and editor. He has been widely recognized for his extensive research in photosynthesis and carbohydrate metabolism in higher plants and algae. He has edited seven books and authored more than 200 journal articles including many invited reviews on topics such as photosynthetic carbon metabolism, photorespiration, and biohydrogen. In addition to 20 graduate students who earned their PhD degrees under his guidance, 28 postdoctoral fellows and 24 visiting faculty, including two Nobelists, were associated with his laboratory.

Dr. Gibbs made an indelible impression globally on the science and academic communities when he became editor-in-chief of *Plant Physiology*, the international publication of the American Society of Plant Biologists (ASPB) devoted to physiology, biochemistry, cellular and molecular biology, genetics, biophysics, and environmental biology of plants. For 30 years, he helped shape the journal into one of the world’s most well-respected plant science journals. During his tenure as editor, there were substantial increases in published issues (six to 12), volumes (one to three), number of pages (1,000 to 4,800), and submissions (200 to 1,300). His office logged in about 25,000 manuscripts of which he decisioned more than 5,000.

Dr. Gibbs’ career began in 1947 when he was a senior biologist at the Brookhaven National Laboratory. While at Brookhaven, he served as a visiting professor at the University of Pennsylvania in 1952 and as a visiting professor at Queen’s University in Kingston, Ontario, Canada, in 1956. He then spent eight years as a professor in the Department of Biochemistry at Cornell University. In 1964, he was appointed professor of biology at Brandeis University and then became chairman of the Department of Biology from 1965 to 1968. He was named the Abraham S. and Gertrude Berg Professor in Life Sciences in 1970 at Brandeis and held the title until retiring in 1992.

He extended his expertise as a consultant to several organizations, including the National Science Foundation, National Institutes of Health, Department of Energy, and North Atlantic Treaty Organization, where he was on the fellowship review board. Dr. Gibbs has served on the editorial boards of *Annual Review of Plant Physiology* and *Physiologie Vegetale*.

From 1976 to 1982, he was both a member of the Council for International Exchange of Scholars and the chairperson of the Committee for Selection of Fulbright Scholars for Eastern Europe and Russia. In 1988, he was the recipient of the Humboldt U.S. Senior Scientist Award from the Alexander von Humboldt Foundation of West Germany, which allowed him to spend a semester exchanging ideas with his counterparts in Germany. He is a corporate member of the Marine Biological Laboratory in Woods Hole, Mass., where he was an instructor in the marine botany course during the summers from 1968 to 1973. He is a member of the American Academy of Arts and Sciences, National Academy of Sciences, and the Institut de France, Acadamie des Sciences.

When Dr. Gibbs retired as editor of *Plant Physiology* in 1993, the ASPB honored him by establishing the Martin Gibbs Medal, which is presented biennially to “an individual who has pioneered advances that have served to establish new directions of investigation in the plant sciences.” The recipient is invited to organize the Gibbs symposium, presented at ASPB's annual meeting.

His alma mater also bestows three commencement awards and a scholarship all honoring Dr. Gibbs and his wife Karen. The Martin and Karen Gibbs Prizes in Biological Sciences and Chemistry are a pair of awards presented to one graduate in biological sciences and one graduate in chemistry in recognition of their research presentation at a scientific meeting. The Martin and Karen Gibbs Prize in Humanities and Social Sciences is given to a graduate who has demonstrated excellent writing and analytical skills on a paper submitted to humanities or social science faculty. The Martin and Karen Gibbs Endowed Scholarship supports an upper-class student majoring in the biological sciences, preferably with a concentration in plant biology.

Dr. Gibbs resides in Lexington, Mass., with his wife Karen.
IN THE SECOND HALF OF 2004, “Alumni and Friends” had many opportunities to get together. From July through December, there were more than 20 events that were held both on campus and across the country. The pictures on these pages are just a few of the ones taken at these events. You can find many more on the “Alumni and Friends” website in the scrapbook section.

We believe 2005 will be even more action-packed. There are already more than 30 functions planned for just the first half of the year. Perhaps your picture will be on these pages or on the website in the future. Hope to see you soon!

Stacy M. Rosemarin P’83
Director of Alumni Relations
215.596.8856 (local calls)
1.888.857.6264 (toll-free)
s.rosema@usip.edu
Left to right: Christine R. Birnie P’94, PhD’00; Frank Chrzanowski P’68, MS’72, PhD’75; Jean Surian P’84, PhD’90, and Greg Stagliano P’94, MS’98 at the AAPS Alumni and Friends Breakfast in Baltimore, MD, on November 8, 2004.

Left to right: Milan Moncilovich, PharmD, PSHP president; George Downs, PharmD’72; and Daniel Hussar P’62, MS’64, PhD’67. (Dr. Hussar was presented the “Pharmacist of the Year” award by PSHP on October 15, 2004.)

From left to right: Jamie Rosini PharmD’05, Colleen Brennan PharmD’03, Erin Callahan HPsy’05, Jenn Smith PharmD’08, Caitlin O’Brien PharmD’06, Sarah Storm PharmD’07, Eileen Anne Flores PharmD’06, Carol Bylone P’69, Stefanie Nawin Owens B’00, Alicia O’Conner Reese PharmD’01, Jennifer Smith P’00, and Michelle Ketcham PharmD’01 at the Lambda Kappa Sigma’s Alumni Boat Party on the “Spirit of Philadelphia” on August 28, 2004.

Left to right: Jeff Stauffer P’69, PharmD’70; Debi Stauffer; Sherry Stauffer, and Joshua Stauffer PharmD’05 at the ASCP Alumni and Friends Wine Tasting CE Dinner in San Francisco, CA, on November 4, 2004.

Left to right: Michael Gross C’66; Dean C. Reynold Verrett; Julie Smith (wife of Ross Smith IV); Phil Moravec BC’03; Deborah Cook C’71; Gasiati Tinnya PhD’03; Chet Swalina C’01; Ross Smith IV BC’99; Joseph Betz B’76, MS’83, PhD’88; Edward Bimbbaum; and Chris Dunkley P’96, PhC’99 at the American Chemical Society Dinner on August 23, 2004.

Left to right: From left to right: Jamie Rosini PharmD’05, Colleen Brennan PharmD’03, Erin Callahan HPsy’05, Jenn Smith PharmD’08, Caitlin O’Brien PharmD’06, Sarah Storm PharmD’07, Eileen Anne Flores PharmD’06, Carol Bylone P’69, Stefanie Nawin Owens B’00, Alicia O’Conner Reese PharmD’01, Jennifer Smith P’00, and Michelle Ketcham PharmD’01 at the Lambda Kappa Sigma’s Alumni Boat Party on the “Spirit of Philadelphia” on August 28, 2004.

Left to right: Milan Moncilovich, PharmD, PSHP president; George Downs, PharmD’72; and Daniel Hussar P’62, MS’64, PhD’67. (Dr. Hussar was presented the “Pharmacist of the Year” award by PSHP on October 15, 2004.)
1950
MARTIN R. BRODY BAC’50 urges his classmates to join him at the 2005 Alumni Reunion. He lives in Margate, NJ, and spends his winters in West Palm Beach, FL.

RAYMOND L. WEINSTEIN P’50 was made an honorary life member of the Arizona Pharmacists Association in June 2004. He is semiretired and living with his wife in Sun City, AZ.

1955
ALAN J. VOGENBERG P’55 performed as a supernumerary (extra) in Don Giovanni by Mozart and Ba Ta Clan by Offenbach. Both operas were presented by the New Jersey Opera Theater on the campus of Princeton University.

1956
PHILIP FEIN P’56 is retired and living in Delray Beach, FL. He spends his summers in Pennsylvania along the Delaware River.

1962
MITCHELL GINSBURG P’62 is happily retired with his wife and grandchildren, who live nearby. He would like to hear from his classmates and fraternity brothers. He currently resides in Boynton Beach, FL.

1970
STEVEN A. GORDZIEL P’70 (PhD’76, University of Connecticut) has joined Hollis-Eden Pharmaceuticals in La Jolla, CA, as VP of Product Development. He will be in charge of formulation and analytical development for solid and sterile pharmaceutical dosage forms. Prior to joining Hollis-Eden, Steve was employed by Penwest Pharmaceuticals as VP of Pharmaceutical Development. Prior to that, he was VP of Developmental Research at Carter Wallace, Inc., for nearly 20 years. He and his wife Vicki will be relocating to the San Diego area.

1973
LEO H. ROSS P’73 (MBA’85, Virginia Comm. University) and MARK OLEY P’83 were recently elected vice chairman and chairman, respectively, of the Virginia Board of Pharmacy.

1977
KARL A. SEMANCIK P’77 (MBA’91, George Washington University), as program manager, concluded the Raytheon Weapons of Mass Destruction Disposition Program in Iraq for the Defense Threat Reduction Agency of the Department of Defense. Upon completion of the year-long program, Col. Semancik left Raytheon Technical Services Company and accepted a position as the director of Army business development programs for Innovative Technology Applications, Inc., in Springfield, VA.

1979
ROGER G. LONG P’79 received his PharmD degree from the Bernard J. Dunn School of Pharmacy at Shenandoah University in 2003. He lives in Bridgeton, NJ.

1983
MICHAEL D. LEFKOWITZ P’83 now owns Benjamin Ross Group, a merger and acquisitions firm. The company brokers all types of businesses in the greater Philadelphia area and can be reached online at www.benjaminrossgroup.com.

1988
BRYAN P. MURRAY P’88 and his wife Gabrielle are the parents of three daughters. Bryan works at the Veterans Hospital in Lebanon, PA. He and his family live in Hummelstown, PA.

1989
CURTIS E. CLARK P’89 (DO’97, PCOM) has established a hospitalist service at Columbus Regional Medical Center in Columbus, GA. He and his wife Vicki have adopted another child, 10-month-old Emma Katherine, who joins big sister Courtney Elizabeth (6). The family lives in Hamilton, GA.

OLUKEMI A. OLUUNLOYO P’89 graduated from the Broadcasting Institute of Maryland in 2003. She is the news director for Multiple Talent Online Media, Keminations.com, Atlcelebritynews.com, and Healthatlanta.com. She is also VP of public relations for Rich Kidz Entertainment and works as a freelance medical reporter for CNN.com.

1990
ANGELA (NISTA) MCNABOLA PH/TX’90 and her husband Kevin welcomed the birth of their son John Joseph on August 19, 2004. He joins big sister Caroline, who is 2 1/2 years old. ANGELO B. NISTA P’62 is the proud grandfather. Angela works as a pathology lab supervisor at Bayer Healthcare in West Haven, CT. She and her family reside in Orange, CT.

WILLIAM B. YOUNG P’90 (JD’93, University of Detroit) was promoted to area pharmacy director for the East Bay area of Kaiser Permanente in July 2004. He currently oversees inpatient, outpatient, and clinical pharmacy operations. He won the “Manager of the Year” award for 2003 at Richmond Medical Center as director of outpatient therapy and was recognized by the CEO and president with the “Everyday Hero” award for distinguished service and excellence in the department. He lives with his wife and three sons in the San Francisco Bay Area.

1991
THERESA (RODITE) LANGHEINE P’91 and her husband Todd are the parents of Michael Todd, born on August 11, 2004, and weighing 5 lbs, 12 oz. The family lives in York, PA.

1992
MARISSA L. BUTTARO P’92 (MPH’99, Temple University) and Michael Moore announced the birth of their son Joshua Edward on July 7, 2004. Marissa is a director of medical communications at Thomson Scientific Connexion in Newtown, PA. Michael is employed by PARs Environmental in Robinsville, NJ. They live in Bordentown, NJ.
1993

NISHAMINY KASBEKAR P'93, PharmD'95 was recently honored by the Philadelphia Business Journal in the 2004 “Forty Under Forty” awards program at the Center City Marriot. This program recognizes 40 individuals under the age of 40 who have positively contributed to their profession.

MICHAEL S. LANDIS MPT'93 and his wife Marsha welcomed the birth of their daughter Emma Rose on August 13, 2004. She joins big brother Jared. The family lives in Lebanon, PA.

STEVEN E. SILVER P'93 (MD'97, Thomas Jefferson University) joined the Cardiovascular Associates of the Delaware Valley as a clinical noninvasive cardiologist in July 2004. He is affiliated with Cooper Hospital, Our Lady of Lourdes Hospital, and the Virtua Health System. He has offices in Haddon Heights and Cherry Hill, NJ.

1994

SCOTT D. DRUMMOND B'94, his wife Jessica, and daughter Emme moved to Mystic, CT, in February 2004. Scott has taken a position in the AMGEN quality labs.

GINA (SMITH) LEIBERT P'94 and her husband Matthew are the parents of Abbey Grace, born on January 5, 2004. The family lives in Allentown, PA.

1995

HELENE (KRAEUTLER) LOPA MPT'95 is married to Anthony Lopa and has two children, Anthony (3) and Isabella (1). Helene works per diem as a physical therapist at Sports Training in East Hanover, NJ.

CHRISTA (MEYER) TANG MPT'95 and her husband Don proudly announced the birth of their son Christopher David on May 8, 2004. Christa is supervisor of rehabilitation at Monongahela Valley Hospital and Don is a physical therapist for Extendicare Facilities. They reside in Bridgeville, PA.

1996

ALISON (HALE) BENINCASA P'96 and JOHN F. BENINCASA P'95 announce the birth of their son Joseph Anthony on June 11, 2004. He joins big sister Katie. The family lives in Holland, PA.

KELLY S. CLARY MT'96 received her MS degree in Quality Assurance/Regulatory Affairs from Temple University’s Graduate School of Pharmacy in December 2003. She married Brian Fenner, Jr., in Montego Bay, Jamaica, on July 16, 2004. Brian works for Continental Airlines at Newark International Airport.

SANDRA C. DUVA BC'96 and Michael Duncan were married on June 21, 2003, at St. Mary’s Roman Catholic Church in Middletown, NJ. Sandra is a lead quality assurance engineer at Instinet Corp in Manhattan. Michael is a patrolman. The couple resides in Hazlet, NJ.

DARREN C. VOLPE MPT'96 received his MD degree from the University of Vermont in May 2004. He is a resident at Massachusetts General Hospital in Boston, specializing in neurology.

BETSY (LAUMEISTER) WOODALL P'96, PharmD'97 and her husband Andrew welcomed the birth of their son Declan Peter, who joined big sister Eloise Paige on July 22, 2004. The family lives in Phoenixville, PA.

1997

JOSEPH A. DEBALKO P'97 and MARYANN SANTORE P'00, PharmD'01 were married on August 30, 2003, at Holy Guardian Angels Church in Reading, PA. The wedding party included JASON LASKOSKY P'97, PharmD'98; AMY (EATON) VAN KLEUNEN MPT'02; and CRYSTAL A. JAMES P'90. Joe is a pharmacist at Wal-Mart, and Maryann is a pharmacist with Eckerd. The couple resides in Fleetwood, PA.

PATENTS, PLEASE!

Did you know that USP alumni hold more than 300 patents? Yes, that’s right, more than 300 patented inventions have been created by individuals who received their education from USP. For example, ROBERT A. VOLZ C'54 (deceased) had 35 patents in the area of polyurethane, MARVIN E. ROSENBURG, PhD, PharmD’56, is the coinventor of numerous compositions for relieving bronchial spasm, and LUANNE BYERS ZABYTKO P’77 has a patent for an innovative lightweight putter to help golfers align their putts on the green.

The USP Bulletin is gathering information on all our alumni patent holders for a future article. If you have a patent or a pending patent, please let us know about it. Send your name and a brief description of your invention to:

AMY BRYANT
DIRECTOR OF STEWARDSHIP & DATA
UNIVERSITY OF THE SCIENCES IN PHILADELPHIA
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PHILADELPHIA, PA 19104
215.596.8494
a.bryant@usip.edu.
KENNETH L. BRETZ and JENNIFER (SALANSKY) BRETZ both P’97, PharmD’98 are the parents of Matthew David, born on May 9, 2004—Mother’s Day. Ken is pharmacy manager at HealthGuard in Lancaster, PA, and Jennifer is employed at Pharmerica of Harrisburg. They live in Harrisburg, PA.

1998

ANNE (HARMAN) CHAPPELLE PH/TX’98 is a senior toxicologist and risk assessor with Rohm & Haas. She resides in Wayne, PA.

PATTI FATZINGER P’98 and Christopher McCluskey were married on September 13, 2003, in Emmaus, PA. Patti is a pharmacy manager for Target in Allentown, PA, and Chris is owner and operator of A-Plus Chem-Dry. The couple lives in Macungie, PA.

ERIC V. FOX P’98 and ROSEANN LEE P’97 recently announced the opening of the new compounding pharmacy, Compounding Rx Apothecary, located in the Great Valley Shopping Center in Malvern, PA.

2000

JAMES M. HOFFMAN P’00, PharmD’01 recently completed a fellowship in outcomes research at the University of Wisconsin Hospital and Clinics. He also received his MS degree from the University of Wisconsin-Madison in June 2004. He is now medication outcomes coordinator in the pharmaceutical department of St. Jude Children’s Research Hospital in Memphis, TN.

GLEN SCHULMAN P’98 (PharmD’00, Rutgers University) and his wife Betsy announced the birth of their son Zachary Avi on August 15, 2004. He weighed in at 5 lbs., 9 oz. The family lives in New Haven, CT, where Glenn is a manager of marketing and investor relations at Curagen Corp.


2002

JANELLE (MUMMERT) HISSONG MPT’02 and her husband Chad announced the birth of their son Caleb David on February 10, 2004. Janelle is a physical therapist with Genesis Rehabilitation Services at Rittenhouse Pine Center in Norristown, PA. Chad is a biologist at GlaxoSmithKline. They live in Limerick, PA.

JIN-YU LIU PH/TX’02 and Gary V. Leung were married on August 28, 2004, in Philadelphia. The groom’s twin brother is KEVIN N. LEUNG PharmD’02 and his father is VINCENT W. LEUNG P’74. Jin-Yu is an analytical chemist at Merck in Horsham, PA, and Gary is a software distribution analyst with Cigna Corporation. The couple lives in Newtown, PA.

JIN-YU LIU PH/TX’02 and Gary V. Leung were married on August 28, 2004, in Philadelphia. The groom’s twin brother is KEVIN N. LEUNG PharmD’02 and his father is VINCENT W. LEUNG P’74. Jin-Yu is an analytical chemist at Merck in Horsham, PA, and Gary is a software distribution analyst with Cigna Corporation. The couple lives in Newtown, PA.

FRIENDS OF USP

LILLIAN “BETTY” REED JENSEN died on September 25, 2004. She attended the University for several years in the 1940s, until her husband was called to active duty in the Navy. While she later completed her degree at Rutgers University, she always had a place in her heart for USP (then PCPS). She was predeceased by her son Alan in 1956, her son Deane in 1989, and her daughter Nancy in 1994. She is survived by her husband Arthur and four nieces.
FOUR REASONS TO ADVANCE A BEQUEST

THE USP BOARD OF TRUSTEES and University President Dr. Philip P. Gerbino are always encouraged to learn that University of the Sciences in Philadelphia has been named in a will or other estate transfer document. Even to know that a person intends to include the University in their philanthropic plans is uplifting.

Whether your will includes USP now or not, we want you to know some of the advantages of moving your bequest forward and gifting all or part of it now. In particular, please consider some of the current benefits of transferring part of the designated assets now to establish a USP Charitable Gift Annuity.

INCREASE YOUR INCOME NOW
One of the more important benefits of a USP Gift Annuity is the attractive rates we are able to offer, especially for our older donors. For example, an 80-year-old person qualifies for an annuity rate of 8.0 percent. Thus, establishing an annuity with $100,000 would provide such a donor $8,000 every year for the duration of his/her life. A 90-year-old annuitant would fare even better with an annuity rate of 11.3 percent! While a person may be able to obtain a higher rate with a commercial annuity, it’s important to remember that we’re talking here about money that has already been “earmarked” for University of the Sciences in Philadelphia as a charitable bequest.

REDUCE YOUR TAXES NOW
The IRS provides a charitable income tax deduction for gifts made to USP during life. For itemizers, this deduction may be used to reduce income taxes. And fewer taxes mean more money for you to spend—or charitably give.

Since a portion of a USP Gift Annuity qualifies for a charitable income tax deduction, making that gift now with assets you had already planned to gift later, is certainly a tax-wise idea worth considering.

STABILIZE YOUR RETIREMENT NOW
Gift annuity payments are fixed. Once the payment dates are established (monthly, quarterly, semiannually or annually) you will receive the identical amount with every check from USP. Your USP Annuity will be backed not only by our scrupulously maintained annuity fund but also by the entire capital assets of University of the Sciences in Philadelphia. While it is not suggested that individuals place all of their assets into a gift annuity, we do think a gift annuity can help our supporters diversify and stabilize their retirement income.

ENJOY YOUR GIVING NOW
When you establish a gift annuity, you will experience the satisfaction of completing a gift now by actually transferring assets to USP. Furthermore, you will give the University the opportunity to express our gratitude during your life and to include you in our recognition programs.

“IT IS POSSIBLE TO FAIL IN MANY WAYS...WHILE TO SUCCEED IS POSSIBLE ONLY IN ONE WAY.”
—Aristotle (384–322 B.C.), Nichomachean Ethics

Please complete and return this reply form.

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Thank you for your support.

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YOUR NEWS

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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 update your information online: www.usip.edu/alumnifriends/.

Has your address changed? Please let us know by mail, online at: www.usip.edu/alumnifriends, or by phone to the Alumni Office toll-free: 1.888.857.6264.

Address Change? ☐ Yes ☐ No
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IN OUR NEXT ISSUE...

• Students make a difference through community service and service learning experiences

• Four alumnae emerge as successful and inspirational leaders in the healthcare field

• Bioinformatics student develops innovative computer program that will help his peers study infectious diseases

• The Pharmacist’s role in caring for the elderly continues to grow
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.

ALUMNI ASSOCIATION OFFICERS

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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

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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
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CALENDAR OF EVENTS

February 15 Naples Area Alumni Dinner
February 16 Sarasota Area Alumni Dinner
February 17 Tampa Area Alumni Dinner
February 23–27 APTA, New Orleans, LA

March 3–4 PSHP, Atlantic City, NJ
March 6 Continuing Education Program (Advanced Concepts)
March 8 Society of Toxicology Alumni and Friends Dinner
March 18 San Diego Alumni and Friends Dinner
March 22 Los Angeles Alumni and Friends Dinner
March TBD Drug Information Association Alumni and Friends Dinner

April 4 American Pharmaceutical Association, Orlando, FL
April 7 Alumni Association Board of Directors Meeting, USP Campus
April 7 NJSHP
April 8 North Carolina Alumni and Friends Reception, Raleigh, NC
April 20–23 AMCP, Denver, CO
April TBD Pharmacology/Toxicology Reception
April TBD OT
April TBD Student Appreciation
April TBD NYC

May 7 Reunion, USP Campus
May 12–13 Delaware Pharmacist Society
May 18 Grads Awards Lunch/Rehearsal
May 19 Commencement

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