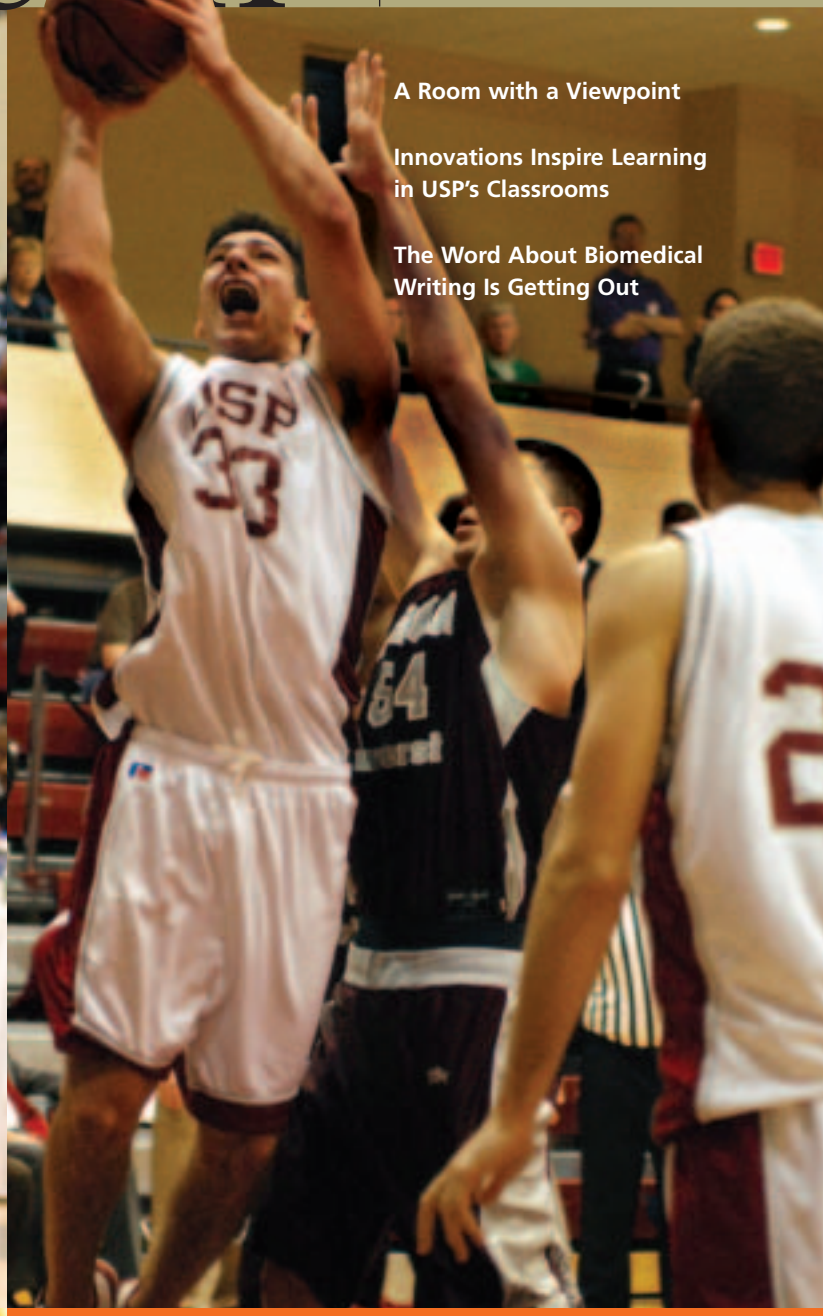
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UNIVERSITY OF THE SCIENCES IN PHILADELPHIA

Philadelphia College of Pharmacy
Misher College of Arts and Sciences
College of Health Sciences
College of Graduate Studies

USP Bulletin





A Room with a Viewpoint

Innovations Inspire Learning in USP's Classrooms

The Word About Biomedical Writing Is Getting Out



Arena Named After Basketball Legend Bobby Morgan





From the President



One of the essential components of our mission is to "promote the advancement and dissemination of knowledge through research and scholarly activity in those disciplines consistent with the educational mission of the University." Our faculty's ongoing research and scholarly activity are testaments to the fact that we are continually succeeding in meeting one of our primary objectives as an educational institution. Their endeavors assist our students in their own research and quest for knowledge.

It has been a common occurrence to hear about an individual at the University receiving a major grant, award, or honor.

Peter Harvison, PhD, research associate professor of medicinal chemistry, is the principal investigator for a National Institutes of Health Academic Research Enhancement Award. His research on "Thiazolidinedione-Induced Hepatotoxicity" received a three-year $100,000 grant.

Michael Johnson, MS, assistant professor of physical therapy, Carol Maritz, MS, assistant professor of physical therapy, and Michelle Cohen, PhD, associate professor of physical therapy, were integral in helping a coalition between our Physical Therapy Department, Mercy Health System, Drexel University's School of Public Health, Keystone Mercy Health Plan, and the Philadelphia Department of Public Health to receive a $1.1 million federal grant to fund a coordinated system of care for the uninsured. The grant will also help fund the pro bono clinic in Southwest Philadelphia where our PT students are helping residents who can not afford rehab care.

Pamalyn Kearney, MS, OTR/L, assistant professor of occupational therapy, received a faculty development grant from The Midwest Health Professions Service Learning Consortium to incorporate service learning in her occupational therapy courses.

Elena Umland, PharmD, associate professor of clinical pharmacy, and Cynthia Sanoski, PharmD, assistant professor of clinical pharmacy, received a grant from Kos Pharmaceuticals to purchase technology to test lipid panels of fifth-year pharmacy students, who will be surveyed and assessed for their own overall cardiovascular risk.

And this is only a sampling of our faculty's fine work that is providing a richer educational experience for students.

The University has also received tremendous assistance from the health industry. Throughout the year, we have been astounded and appreciative of the grants and gifts we've received from many prominent pharmaceutical companies. AstraZeneca Pharmaceuticals LP provided our Health Policy Program with an unrestricted educational grant to support a major symposium about the future of Medicare. Wyeth recently presented the University funding for the establishment of the Wyeth Endowed Scholarship, which will be given annually to a fifth-year pharmacy student. These funds, among the many we receive, allow us to pursue programs and projects that will interest students, obtain additional faculty, attract new students, and expand our curriculum.

Honors and achievements on campus are not restricted only to academics. Bob Morgan, athletic director and former basketball coach, has not been a stranger to accolades. On the day of our University's first basketball games as an NCAA Division II member, we recognized Bob Morgan's legacy as a coach and friend by naming the main arena in the new Athletic/Recreation Center in his honor. This recognition came on the heels of the announcement of his induction into the National Association of Intercollegiate Athletics (NAIA) National Basketball Coaches Hall of Fame.

I am proud of and honored by the brilliant and devoted people at this University. They are making a difference everyday, and it is thrilling to watch as they get recognized for their tireless efforts, commitment, and expertise. They are shaping our students as well as the entire institution for years to come.



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

USP Bulletin

Winter 2004

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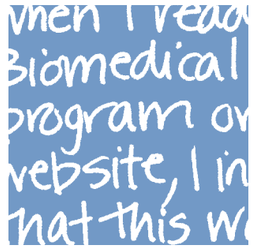
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USP is the only university in North America that offers a degree program in biomedical writing.

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On The Cover:
(left) Kate Jordan PT'05
(right) Gene Willard PharmD'07
(bottom, left to right) President Philip P. Gerbino, Robert C. Morgan, and Dr. Gilbert D'Alonzo BI'70, PH/TX'73

Arena Named After Basketball Legend

The main arena of the new Athletic/Recreation Center was dedicated to Robert C. "Bobby" Morgan during USP's first basketball games as a NCAA Division II Member

By John M. Martino



When the Athletic/Recreation Center (ARC) opened in September, the main arena was a dazzling but quiet place. There were no sounds of basketballs dribbling, referees blaring their whistles, buzzer-beating shots, or cheerleaders screaming for a "U," "S," or "P." The nameless basketball court seemed to cry out for attention, to be recognized, and on November 22, the main arena and the man for whom it was dedicated were *the* center of attention.

University of the Sciences in Philadelphia (USP) celebrated three memorable events inside the new arena that had the nearly 1,000 students, faculty, staff, alumni, and families in attendance and on the edge of their seats. The women's and men's varsity basketball teams competed for the first time in their new home. The games also marked the Devils' inauguration as a member of the NCAA Division II. But the main event occurred between the two games.

The main arena was finally christened with its new name, and it is a name that has defined success, leadership, and commitment to athletics at USP for more than 30 years. The new **Robert C. "Bobby" Morgan** Arena recognizes the legacy of leadership and friendship the former longtime basketball coach and current USP athletic director has provided to the school. As evidenced by the energetic reaction of the crowd and the compassionate words expressed by his colleagues, USP alumni, former basketball players, and the entire University community, the arena could not have been blessed with a worthier name.

Morgan, himself, was caught up in the emotion of the event.

"Instead of having snapshots of life in the latter part of my life," he said, "I have an almost complete collage in front of me. People I haven't seen in more than 20 years are here, and I think that is wonderful." Morgan's speech was filled with fond memories and observations only he could make. "Usually a type of gathering such as this revolves around something sad, like a funeral," he quipped. "But people came back to the University for a happy occasion. It's almost surreal for me. It's a great honor."

The day began with an open house inside the main lobby of the ARC, where guests and friends marveled over the new ARC and celebrated Morgan's career. The festivities unofficially kicked off in the parking lot in the rear of the building, where nearly 50 people, mostly former USP basketball players and their families, held a catered tailgate party, equipped with an overhead tent, food, beverages, and music. In front of the tailgaters, a sign read: "Help! We Need Tickets!"

Guest Speaker **Dr. Gilbert D'Alonzo** BI'70, PH/TX'73, a player on Morgan's first team in 1969, did not want to miss the chance to help honor his former coach and longtime friend. Through Morgan's direction, Dr. D'Alonzo matured into a gifted basketball player and was eventually inducted into the school's hall of fame. Now a professor of medicine in the pulmonary critical care division at Temple University, Dr. D'Alonzo said he owes his achievements on and off the court to one person.

"[Morgan] developed hundreds of athletes into scholar athletes who went on to make a difference in their communities," said Dr. D'Alonzo. "It wasn't easy, but he made it seem that way. He showed me and the rest of his players how to become great athletes and how to develop skills through hard work.

"He didn't accept mediocrity; he wanted you to do your best on the court and in the classroom," added Dr. D'Alonzo. "Year in and year out, he molded a team of average players into a successful team by building upon each of their strengths. He's a great coach and a great person. There are about five people in my life who are responsible for my successes, and he is definitely one of them."

President Philip P. Gerbino witnessed Morgan's tremendous influence on his players and the entire USP community for nearly three decades himself, having been a student in the late '60s when Morgan started his coaching career. During the dedication ceremony, he presented Morgan a plaque that illustrated his accomplishments and his leadership at USP. Dr. Gerbino also noted that Morgan's influence and legacy is still as strong as ever.

"For our students, I would like to tell you today that Bob Morgan is still as vital and important to the core of this institution now as he was then," said Dr. Gerbino. "Not only is he important to the students as their advisor in athletics, he continues to be their advisor in life. He continues to be a mentor for many people on campus."

Morgan's impact and the enthusiasm generated by the dedication were not lost on the current men's and women's basketball players, who admitted to feeling a mixture of nervousness and excitement before playing their first games on their new basketball court in front of a packed audience. Though the men's team lost, 68–51, and the women's team lost, 60–57, to Philadelphia University, the players were thrilled to be a part of the celebration and look forward to playing their home games on their new premises.

"To warm up in this gymnasium and have people cheer for us was great," said **Leah Shumoski** PharmD'07, a team captain of the



Career Highlights

"The dedication and naming of this arena honors Coach Bobby Morgan, whose tireless spirit, guidance, and devotion have supported and inspired USP athletes to achieve success in competition and in the classroom since 1968."

— wording of the plaque presented to Bobby Morgan

Morgan's career highlights include:

- Basketball Coach, 1968–2000
- Athletic Director, 1977–present
- USP Hall of Fame, 1994
- Philadelphia Small College Coaches Association Hall of Fame, 1997
- Named to Drexel University's All-Millennium Team, 2000
- Pennsylvania Sports Hall of Fame—Delaware County Chapter, 2002
- NAIA Basketball Coaches Hall of Fame, March 2004
- Four National Tournament Berths
- Eight NAIA Coach of the Year Honors
- 20 Straight District/Regional Post-Season Berths
- 598 Wins
- Among the Top-10 Winningest Coaches in NAIA History

women's team. "Some of our players had butterflies in their stomachs because the energy level was so high. The whole atmosphere has improved, from the lobby area to the gymnasium. We're really excited about playing our home games here."

Gene Willard PharmD'07, a member of the men's basketball team, who scored his 1,000th career point during the game, agreed. "We were really looking forward to the alumni coming back to support us," he said. "The crowd was great, yelling and cheering the whole time. [Morgan] has been a huge resource for the players. He knows the game in and out. It's always good to have a mind such as his helping you."

And that is the way Morgan would like to be remembered—as a teacher who looked out for players and students and steered them in the right direction. Morgan ended his emotional and spirited speech with a message to his former players.

"I hope you're here today not because of what I taught you but because of how I treated you," he said. "I believe that our memories are the foundation of our identities, and what we have experienced makes us what we are. To all my players who gave me my memories, remember that you guys played the music that made the maestro successful." USP



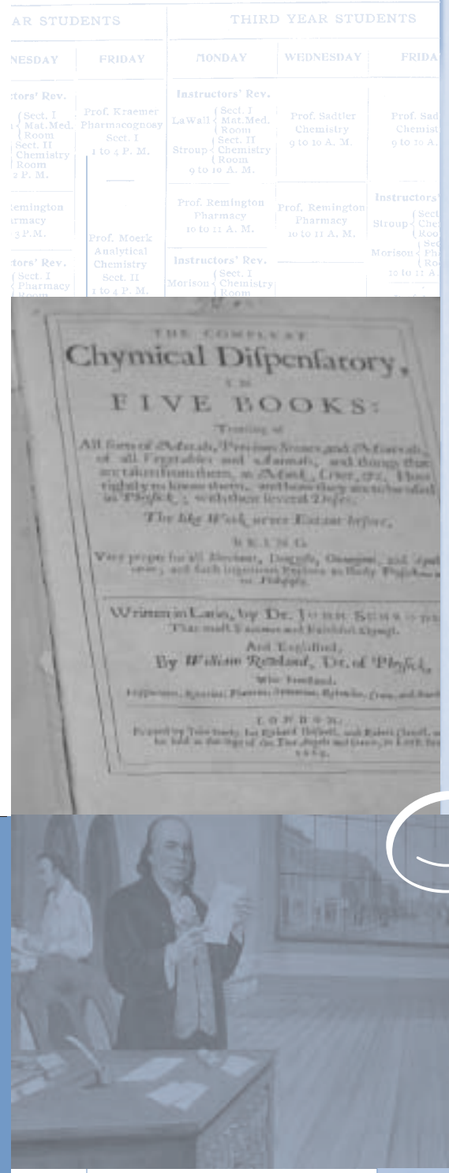
(left to right) Kimberly Koschineg OT'01, Maryann Santore DeBalko PharmD'01, Chauntrelle Clayton PMM'03, Amy Eaton Van Kleunen MPT'02, Jeanine Jones MPT'04, Alison Hargadon PharmD'04.



The following is a list of USP basketball alumni and alumnae who were in attendance during the dedication on November 22. The basketball alumnae were honored at halftime of the women's game, while the basketball alumni were honored at halftime of the men's contest. Many of the basketball alumni in attendance, including (above, pictured left to right) **Luke Schmidt** P'99 and **Stephen Murray** PharmD'99, signed a poster that was later presented to their beloved former coach.

Basketball Alumnae
Elizabeth Gross Ryan MPT'96
Jodi McNeill Miller PharmD'97
Kimberly Koschineg OT'01
Maryann Santore DeBalko PharmD'01
Amy Eaton Van Kleunen MPT'02
Chauntrelle Clayton PMM'03
Jeanine Jones MPT'04 (completed four seasons of play)
Alison Hargadon PharmD'04 (completed four seasons of play)

Basketball Alumni
Irv Reich P'54
Mark Abrams P'56
Terry Benney P'59 (MS'61)
Roger (Tom) Malseed P'66
Fred Sprissler P'69
Stan Walicki P'69
Gilbert D'Alonzo BI'70 (PHM'73)
Ed Miller P'73
Darrell Schock P'73
Carl Dean P'74
Howard Robinson P'76
Michael Tercha P'77
Charlie Rumsey P'77
John Flanagan P'79
Tony Carney P'80
Meade Palmer C'81
Paul Bader P'83
Paul Cichewicz C'83
Kenneth Fox P'84
Joseph Smart P'85
Jack Kelly P'86
Tim Fox P'88 (PharmD'90)
Brian Connelly P'90
Erik Cooper P'90
Mark Gillespie P'90
James Graham P'90
Phil Rocco P'91
Lawrence Hill P'92
Jeffrey Misenko P'92
Shawn Wheeler P'92
Keith Armson P'94
Stephen A. Hahn MPT'94
Rahmad Murray P'94
Ed Scott P'94
Wungavu Dimps P'95
Jarrod Macklin P'95
Andrew Nanick P'95
Harry Vargo P'95
Craig Cichocki P'96
Travis Ludwig PharmD'96
Joseph Miller P'96
Mark Tacelosky PharmD'98
Jason Wilkinson P'98
Stephen Murray PharmD'99
Shannon Overton P'99
Luke Schmidt P'99
Kurtis Jestes MPT'00
Andrew Kennedy P'00
Aaron Eaton P'01
Mike Wood MPT'01
Sean Gorman HP'02
David Showalter PharmD'02
Matt Crawford PMM'03
John Loquasto MPT'03
Anthony Tassone PMM'03
Jason Wood PharmD'03



A Room with a Viewpoint

The Leopold E. Helfand Rare Book Room and Archive provides a history of the University as well as American pharmacy

By John M. Martino

In **a modest-sized room** on the third floor of the Joseph W. England Library, the history and educational roots of pharmacy in America have been collected, recorded, and organized, fascinating scholars and pharmaceutical industry researchers from around the country and, in some instances, the world. This room also appeals to graduates of University of the Sciences in Philadelphia and their loved ones. It's a room that provides answers, gives historical perspective, and illustrates the dramatic impact of a profession and university whose developments paralleled each other in the early 19th century.

The room with so much to offer is the Leopold E. Helfand Rare Book Room and Archives. The name may be a mouthful, but the contents inside are jaw dropping. From pharmacy reference books dating back to the early 1800s to dissertations and essays by past graduates of the University, the archives are saturated with American pharmacy and USP history.

"The archives we have are important because the people who shaped this institution essentially shaped the profession of pharmacy in America," says **Mignon Adams**, MSLS, director of library and information services. "In the archives, we have the only photograph of Sir Henry S. Wellcome as a young man. We have handwritten theses of our noted graduates, such as Wellcome, Silas M. Burroughs, and Dr. Eli Lilly and his father, Josiah.

"The collection we have shows the early developments of these extremely influential people," adds Adams. "If someone is studying the history of pharmacy, the records we have are important. Anybody who is studying a phase of the history of pharmacy in the U.S. is going to contact us for information."

With the help of **Michael Ermilio** P'47, a volunteer archivist, the library has been able to respond to numerous requests, such as the cost of drugs during the Civil War days, types of drugs

taken on the Lewis and Clark expedition, and other pharmacy-related topics.

Adams says she has received several other interesting requests, including one from an author writing a murder mystery book.

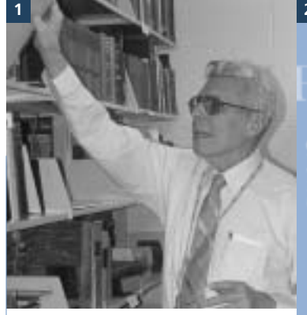
"A woman was writing a book about a real murder case near Philadelphia in 1832," says Adams. "A minor character in the book is Elias Durand, one of our founders. The murderer purchased arsenic from his drugstore, and Elias testified at the trial. I gave the author some information about Durand, who was a pharmacist in Napoleon's army and came to Philadelphia to set up a fancy French apothecary shop."

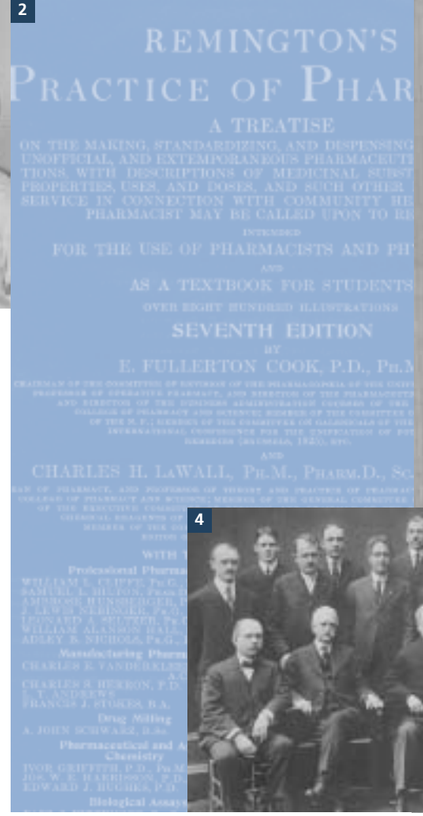
Many requests come from family members of graduates who find comfort that their loved ones' memories are preserved.

"A normal request we get is from people wanting to get anything about their grandmothers or grandfathers who graduated from the Philadelphia College of Pharmacy," says Adams. "We could send them a thesis, copies of some old photos or yearbooks, and other material that would be meaningful to them."

The room held special meaning to **William H. Helfand** P'52, a retired executive of more than 33 years at Merck and Co., whose donation helped to improve the archives room. In recognition for his contribution, the room was named in honor of his father, Leopold, a 1916 graduate, who was a practicing pharmacist for more than 50 years. Helfand has long been interested in the history of pharmacy and conducted research in the archives for a book he cowrote titled *Pharmacy: An Illustrated History* (Abrams, 1991).

"Bill Helfand's financial support helped the library purchase compact book shelves, new furniture, and a HVAC system to control temperature and humidity in the archives room," says Adams. "His support has meant a great deal to us."







The archives room has some fascinating books as well that attract visitors. Last year, a representative from Pennsbury Manor, the re-created country home of William Penn, came to the archives to view a book on herbs once owned by the famous Quaker, who actually signed his name on one of the pages.

The founder of Pennsylvania isn't the only well-known person to have his/her book included in the Rare Book Collection. The collection consists of hundreds of books, dating back to the sixteenth century, that focus on botany, chemistry and other sciences. The famous books on American botany by William Paul Crillon Barton are part of the collection, in addition to books originally owned by Sir Isaac Newton and Benjamin Franklin.

"There is so much interesting history in the archives and the rare book collection for people to see and enjoy," says Adams. "The information appeals to so many people."

Last August, the archives attracted a scholar from Northeastern University conducting research on 19th-century professional women. The scholar needed background on Susan Hayhurst, the first woman graduate of Philadelphia College of Pharmacy. Adams immersed herself in the archives and learned that Hayhurst was one of the first women physicians to practice medicine in America. Adams also provided the scholar a copy of Hayhurst's thesis, titled, "Dispensary Work."

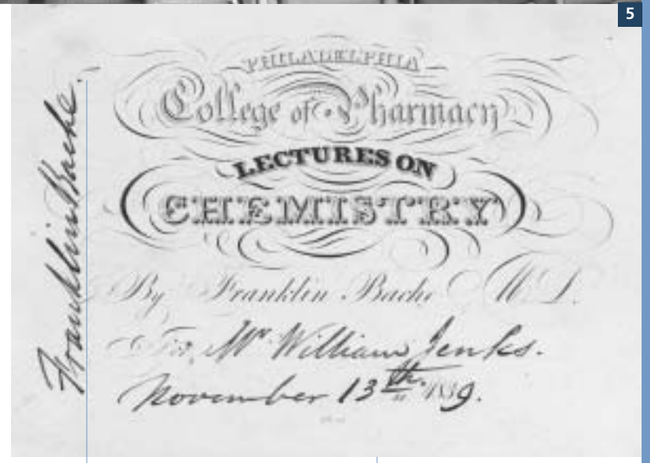
"We enjoy these requests, and we're happy to provide information from the archives to help people in their research efforts or to locate pictures and other information for families of graduates," says Adams. "Someone at a historical site in the Virgin Islands once called asking how essential oils were distilled in the 19th century, so that she could re-create the method. I found that information for her in our collection of the *American Journal of Pharmacy*, and she was very appreciative."

Adams, herself, has appreciated a helping hand. In the past 20 years, the archives have relied on a pair of volunteer archivists to guide visitors inside the room.

"**Morris Blatman** [C'36, P'41] was the original volunteer archivist," says Adams. "When he passed away in 1989, Mike Ermilio took over and has been at the archives ever since. They have been a wonderful asset to the library."

The Leopold E. Helfand Rare Book Room and Archives has been an asset to many over the years and continues to preserve the legacy of American pharmacy and University of the Sciences in Philadelphia together.

"I'm very proud of the long history of this institution," says Adams. "We are moving ahead and creating new programs each year, and it is important to remember where we came from and USP's role in the development and education of health professionals in this country." USP

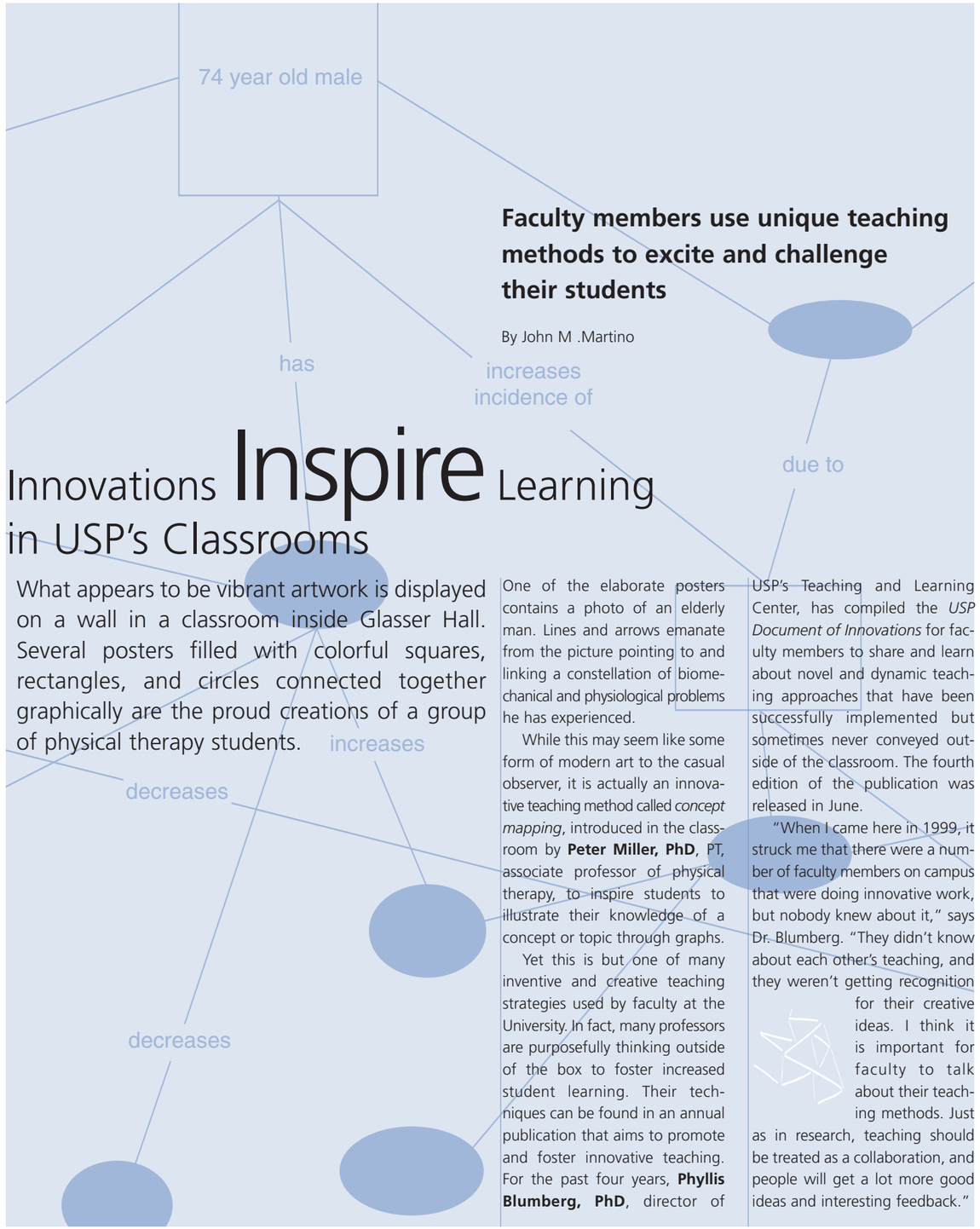


1 Michael Ermilio P'47, volunteer archivist
2 Copy of the seventh edition of *Remington's Practice of Pharmacy*, still being published by USP as *Remington's Pharmaceutical Sciences*, now in its 20th edition.
3 Set of the United States Dispensatory books dating back to 1833. PCP faculty were involved in its production from the beginning.
4 The Philadelphia College of Pharmacy faculty in 1915, including Joseph P. Remington (front row, center) who was a professor and later became dean. Dr. Remington published *Remington's Practice of Pharmacy* and was instrumental in developing the *US Pharmacopoeia*.
5 A Philadelphia College of Pharmacy lecture ticket, purchased by students in order to be able to attend a lecture.

INSIDE THE ARCHIVES

The University has received many generous donations to the Leopold E. Helfand Rare Book Room and Archives from alumni. The archives contains historic documents, papers, pictures, and books dating back to the 1600s. If you would like to give something to the archives, please contact Mignon Adams at 215.596.8791. The following is a partial list of some of the interesting items currently housed:

- Twenty editions of *Remington's Pharmaceutical Sciences* (formerly *The Practice of Pharmacy*, which was first prepared in 1885), a textbook for pharmacists, physicians, and other practitioners of pharmacy and related sciences.
- Notes and correspondence from John Michael Maisch, a famous pharmacognocist who was dean in the late 19th century. He was in charge of the Philadelphia Laboratory during the Civil War, supplying the Union Army with drugs and medications. His field book of plants located in the greater Philadelphia area is also located in the archives.
- Honorary certificates of William Procter Jr., often called "the Father of American Pharmacy," who was a professor from 1846 to 1874. He established the American Pharmaceutical Association in 1852.
- Research papers from Marie Curie and Michael Faraday, an English chemist and physicist known for his pioneering experiments in electricity and magnetism.
- Books on pharmaceutical and medical chemistry and chemical engineering, written by Samuel P. Sadtler, a famous chemist who was the first president of the American Institute of Chemical Engineers and a professor of chemistry at the Philadelphia College of Pharmacy (PCP).
- A 1744 ledger from an apothecary of Christopher Marshall, the father of Charles Marshall, who was PCP's first president. The ledger shows purchases in English pounds.
- Complete set of pharmacopoeias from 1820 to the present. The *Lititz Pharmacopoeia* of 1778, the first to be published in America, is also part of the archives' collection.
- A set of dispensatories (27 editions) starting in 1833 and continuing for more than 135 years.
- Essays on drugs and other pharmacy topics by graduating students from 1821 to 1921. These essays are bound and include letters to the dean about the students' drugstore experiences. The original handwritten theses of Eli Lilly, Henry Wellcome, and other prominent graduates are also available in the archives.
- Leather-covered photograph albums of graduating students from 1860 to 1890, which preceded the first yearbook in 1899.
- Minutes of the Board of Trustees, dating back to 1821.



Innovations Inspire Learning in USP's Classrooms

Faculty members use unique teaching methods to excite and challenge their students

By John M .Martino

What appears to be vibrant artwork is displayed on a wall in a classroom inside Glasser Hall. Several posters filled with colorful squares, rectangles, and circles connected together graphically are the proud creations of a group of physical therapy students.

One of the elaborate posters contains a photo of an elderly man. Lines and arrows emanate from the picture pointing to and linking a constellation of biomechanical and physiological problems he has experienced.

While this may seem like some form of modern art to the casual observer, it is actually an innovative teaching method called *concept mapping*, introduced in the classroom by **Peter Miller, PhD**, PT, associate professor of physical therapy, to inspire students to illustrate their knowledge of a concept or topic through graphs.

Yet this is but one of many inventive and creative teaching strategies used by faculty at the University. In fact, many professors are purposefully thinking outside of the box to foster increased student learning. Their techniques can be found in an annual publication that aims to promote and foster innovative teaching. For the past four years, **Phyllis Blumberg, PhD**, director of USP's Teaching and Learning Center, has compiled the *USP Document of Innovations* for faculty members to share and learn about novel and dynamic teaching approaches that have been successfully implemented but sometimes never conveyed outside of the classroom. The fourth edition of the publication was released in June.

"When I came here in 1999, it struck me that there were a number of faculty members on campus that were doing innovative work, but nobody knew about it," says Dr. Blumberg. "They didn't know about each other's teaching, and they weren't getting recognition for their creative ideas. I think it is important for faculty to talk about their teaching methods. Just as in research, teaching should be treated as a collaboration, and people will get a lot more good ideas and interesting feedback."

The *USP Document of Innovations* contains abstracts of teaching methods that faculty members are using in their classrooms. The innovations are grouped by category, including assessment and evaluation of students, distance learning, reflection on learning, student research, different types of teaching-learning activities, and using technology. Examples range from small changes in the way faculty members instruct or evaluate students to comprehensive, original, and innovative teaching strategies.

Ellen Flannery-Schroeder, PhD, assistant professor of psychology, included her method of using student exam responses to refine study skills. **Bernard J. Brunner, PhD**, associate professor of mathematics and physics, provided his approach to Just in Time Teaching (JiTT), a national teaching and learning strategy based on the interaction between web-based study assignments and active learners. In the most recent edition, there are more than 30 faculty members listed as featured innovators.

While other colleges and universities have also published compilations of selected teaching innovations, USP's version is different because it includes not only the cream of the crop but any faculty member who wants to contribute.

"Several universities around the country primarily use their best teaching practices, but I feel that if a faculty member tries an innovative idea, he or she should get credit," says Dr. Blumberg.

Dr. Blumberg adds that innovative teaching is important because students' needs are continually evolving in today's technology-driven society.

"The population of our students is changing," says Dr. Blumberg, "and they are growing up in a different, more advanced era. Technology has revolutionized how people can learn and what they do with that data. We have to keep up with the times."

Dr. Miller understands the importance of innovation in the classroom. For the past few years, he has built upon his concept mapping teaching method, and his commitment and tireless effort helped garner him the 2003 Patricia Leahy Award, an annual honor bestowed on a USP professor whose innovative efforts help foster student learning. He said his students' reactions to the innovation was positive, adding that they felt concept mapping was more challenging and interesting than writing group papers.



(from left to right) Jennifer Medon MPT'06, Miranda Plastridge MPT'06, and Anna Kaczynska MPT'06 with the concept map they created.

"When we educate health professionals, it's not how much knowledge they memorize that is important," explained Dr. Miller, "it is how they are able to use that knowledge and connect the things they learned in the past to what they are learning now. Research shows us that the more students link their previous knowledge to what they're learning in the present, the more knowledge they retain, which makes it more useful in clinical practice. Concept mapping seems more meaningful to students than memorizing facts and figures. This type of learning gives students a way to not only learn material, but to embed it within their own cognitive structures and use the knowledge successfully in clinical situations."

This innovation has been a welcomed learning experience for **Laura Brixius** PT'05, who has worked on several concept maps on topics such as diseases, patient cases, gait problems, and biomechanics. When given the choice between memorizing and articulating information from a textbook or drawing a concept map, she prefers the latter.

"Concept maps help you interconnect everything you learn in class," she says. "You look at every angle of a topic, and you make a connection and see the relations. For instance, in the concept maps about patient cases, you could see how certain symptoms of a patient could lead to certain diseases in the future. For visual learners, it helps you see things as a whole instead of just reading from a textbook."

As for the *USP Document of Innovations*, Dr. Blumberg said the publication has exceeded her expectations. She believes that being innovative and sharing teaching methods among faculty is now a part of the culture on campus.

"Many of the faculty on campus were reluctant to share their ideas, but now they understand the importance of discussing their innovations with their peers," says Dr. Blumberg. "There's been a dramatic increase in the number of faculty who abstracted an innovation from the first edition. The document has grown in size and status, but I'm happier that the real growth has been in the move toward advancing the scholarship of teaching."

Dr. Miller is a testament to the *USP Document of Innovation's* overall goal.

"Faculty members are doing imaginative, enriching types of projects in the classroom on a daily basis," says Dr. Miller. "These are hidden secrets on campus that are being unveiled by the *USP Document of Innovations*. I've learned some interesting teaching strategies that I've been able to use on a day-to-day basis in my own classroom." USP

The USP Document of Innovations *has received its fair share of recognition. Dr. Blumberg won a national award, the 2001 Bright Idea Award, given annually by the Professional and Organizational Development Network in Higher Education to individuals who develop creative ways for teaching improvement or faculty development.*

The publication's continued success can be measured by its impact on campus. Each year, more and more faculty members, including new professors, add their innovations to the publication, and demand for the publication has increased each year.

the word about biomedical writing is getting out

The American Medical Writers Association (AMWA) held its annual conference in Miami, Fla., in September, welcoming medical writers, biomedical communicators, and college students from around the United States. Inside the Hotel Inter-Continental Miami, the site of the conference, a small booth attracted many AMWA members inquiring about a program unlike any other in North America geared to their interests and career paths. Every brochure and flyer flew from the booth. A completed form for more information with nearly 100 AMWA members' names remained.

The MS program in biomedical writing at University of the Sciences in Philadelphia clearly was a big hit in Miami, but that shouldn't be too surprising. Since it began offering degree courses in biomedical writing six years ago, USP has seen the graduate program grow in both curriculum and enrollment. While several organizations offer certificates for workshops or short courses, USP is still the only institution in North America to offer a degree program in biomedical writing. This distinction is being recognized, according to **Jennifer Connor, PhD**, director of the program.

"Having a biomedical writing program in Philadelphia is a perfect fit because of all the health and medical institutions, including medical publishing companies in the area," says Dr. Connor, who has directed the program since 2001. "I get inquiries from people all the time from around North America. They are interested in obtaining their graduate degree in biomedical writing, because they are technical writers or other types of writers, and they want to change careers. Or they are in the health and medical field, and they want to gain a more thorough knowledge of written communication and improve their chances of a promotion. We're getting the word out about the program, and people are interested."

When Dr. Connor came to the University, the program was primarily geared toward regulatory writing in the pharmaceutical industry. In the past three years, Dr. Connor has altered some courses and developed a new curriculum to reflect a broader scope of biomedical writing. The non-thesis, part-time graduate program now offers core courses that focus on theories of writing and science that appeal to both general health writers and scientific writers. Students take courses in stylistics and editing, biostatistics, ethical and legal issues, regulatory writing, continuing medical education, and other areas of health and medical writing.

> "Many people have since been attracted by the online feature of the courses. It's been very popular."
>
> Jennifer Connor, PhD, director of the biomedical writing program

"We've taken a broader perspective because medicine and health are very large areas that necessarily involve medical communication," says Dr. Connor. "The program is not a just a means to get or keep a job in the specialized pharmaceutical industry, because you could also become a writer for general readers. Students will also have a chance to learn the history and theories of medical communication. They'll examine medical case reports and patient information from the entire world of health and medicine."

One of the big draws of the program is the online component. Several courses are offered over the Web, which Dr. Connor says appeals to many full-time working professionals. The program also introduced a condensed, one-week course in regulatory writing over the past summer. Students from Connecticut and New Hampshire, as well as the Delaware Valley, enroll because of the program's new, broader focus and the courses' flexibility. The numbers speak for themselves. The program, which has already graduated 16 students, has expanded from a handful of matriculated students to 30. **Thomas E. Colonna, PhD**, MB'90, JD, joined this year as a second full-time biomedical writing faculty member.

"When I first came here, we had a few matriculated students, because most students just wanted to take individual courses, which were offered on-site at three different locations," says Dr. Connor.

USP is the only university in North America that offers a degree program in biomedical writing

By John M. Martino



"When I read about the Biomedical Writing program on the USP website, I instantly knew that this was exactly what I was looking for."

— Jaya Gagwani

"This is my first semester in the program, and I've found my experience as a new student to be a positive one. I've learned a lot in my classes, which include a mix of people with different levels of experience in medical writing. The mix helps to create a rich environment."

— Anju Kanumalla





"As a medical journalist writing on medical devices for over a decade, the USP master's program in biomedical writing helped to broaden my skills in pharmaceutical writing and knowledge of medical humanities."

— Scott Hatfield, MS'02

"Many people have since been attracted by the online feature of the courses. It's been very popular. This feature has even attracted two students from Canada and Japan, who both took online classes before traveling to Philadelphia to take the one-week regulatory writing class."

Jaya Gagwani MS'04 is another student who heard about the program from a distant part of the world. In fact, she was in India when she first learned of USP. While working as a product manager for a pharmaceutical company in India, she developed an interest in medical writing. When she researched organizations around the world that offered a degree in this field, she came across USP. Gagwani took the biomedical writing leap and is now ready to jump into a position that will utilize the skills she has learned.

"When I read about the Biomedical Writing program on the USP website, I instantly knew that this was exactly what I was looking for," says Gagwani, who received an AMWA Conference Student Scholarship for an essay she wrote on biomedical communication. "The program has definitely been beneficial to me, because it has made me aware of the basic principles of medical writing, and it has provided me with a good understanding of the different forms of medical writing addressing different types of audiences. Also, the projects in each of the courses I have taken so far have provided me with the hands-on experience with each type of medical writing. Thanks to the biomedical writing program, I can foresee myself working as a medical writer for a major pharmaceutical company in the field of regulatory writing or as a medical writer for a continuing medical education company."

The graduate program in biomedical writing is still evolving. Dr. Connor hopes to expand the curriculum with more online courses and more diverse classes that introduce the many employment avenues a medical writer can pursue.

"The best medical writers have a feel for the topics they are writing about and a solid knowledge base," says Dr. Connor. "I'd like to see our program lead our graduates into jobs, such as medical editors for magazines and health writers, and into the medical publishing field. Our graduates will be able to take scientific information and turn it into something that will appeal to the general public or an expert reader. I'm thrilled about where the program is, and I'm excited about where it is going." USP

bulletin board

New Faculty

In support of the University's commitment to excellence in teaching and learning, USP appoints new faculty members each academic year who possess a wealth of expertise and knowledge in their respective fields. The new members combined with current faculty provide students with a strong educational background that will lead them to an enriching academic experience and a rewarding future in the health sciences.

The following is a list of individuals appointed to full-time faculty positions for the 2003–04 academic year:

Janet E. DeSipio, MS
Director and Instructor, Physician Assistant Studies
College of Health Sciences



DeSipio's responsibilities include instructing undergraduates in the basics of the physician assistant profession, including its history, medical terminology, anatomy and physiology, and physical exams. Before coming to USP, she was a full-time physician assistant for Frank Kern, MD, a dermatology practice with offices in Wynnewood and Eastwick, where she performed full cutaneous exams, biopsies, and surgeries; diagnosis and treatment of skin conditions; and patient education and counseling. She continues to work in Kern's practice on a limited basis. She also was an emergency medical technician for 16 years.

DeSipio received an MS in physician assistant studies at Beaver College and a BA in biology at Lehigh University.

Ahmed M. El-Gendy, PhD
Research Assistant, Professor, Department of Pharmaceutical Sciences
Philadelphia College of Pharmacy



Dr. El-Gendy has nearly 15 years' experience teaching courses in the area of pharmaceutics. At USP, he is teaching courses in pharmaceutics and biopharmaceutics.

Before coming to USP, Dr. El-Gendy was a postdoctoral fellow in the department of pharmaceutical sciences at Idaho State University, where he taught courses in medicinal chemistry. Previously, he was a lecturer of pharmaceutics at Al-Azhar University in Cairo, Egypt. He began his career as a pharmacist in Cairo and Qena, Egypt. He has written several articles and delivered numerous presentations nationally and in Egypt on topics relating to pharmaceutics.

Dr. El-Gendy received a PhD and an MS in pharmaceutics and a BS in pharmacy from Al-Azhar University.

Elisabetta Fasella, PhD
Assistant Professor, Department of Chemistry and Biochemistry
Misher College of Arts and Sciences



Dr. Fasella has three years of experience teaching courses in chemistry to undergraduate students.

Before coming to USP, Dr. Fasella was an assistant professor at the University of Wisconsin-Eau Claire, where she instructed courses in organic chemistry and chemistry laboratory research. Previously, she was a visiting professor at Beloit College, where she taught courses in general chemistry, chemical equilibrium, and bioorganic chemistry. She has conducted research in the field of organic chemistry at several universities, including the Università degli Studi di Roma in Italy and the University of Wisconsin, Madison.

Dr. Fasella received a PhD in organic chemistry from Columbia University. She received her undergraduate and part of her graduate training in Italy.

Daniele K. Gelone, PharmD
Assistant Professor, Department of Pharmacy Practice and Pharmacy Administration
Philadelphia College of Pharmacy

Dr. Gelone's responsibilities include didactic and experiential teaching and the development of a clinical research program.

Before coming to USP, Dr. Gelone was a clinical instructor at the University of Michigan College of Pharmacy, where she taught courses in principles of human disorders and pharmacotherapeutics, patient monitoring, and pharmaceutical care. She is a licensed pharmacist in the Commonwealth of Pennsylvania, having previous experience in community, clinical, and academic pharmacy practice arenas. She also has conducted clinical research at the University of Michigan Medical Center.

Dr. Gelone received a PharmD degree from Temple University School of Pharmacy. In addition, she has completed four years of postdoctoral training, including a clinical residency program at Thomas Jefferson University Hospital and a three-year clinical research fellowship specializing in solid organ transplantation/immunology pharmacotherapy at The University of Michigan.

Elisabeth A. Morlino, PhD
Visiting Assistant Professor, Department of Chemistry and Biochemistry
Misher College of Arts and Sciences

Dr. Morlino has nearly 15 years of professional experience in the chemical, biotechnology, and high-tech fields. At USP, she is teaching courses in general chemistry.

Before coming to USP, Dr. Morlino was a chemistry/physics teacher at The Woodlynde School in Wayne, Pa. She has owned a company, The Specialist Technical Consulting, for two years. She worked at the University of Pennsylvania as a National Institutes of Health postdoctoral fellow. Prior to that, she was a McMaster fellow at Bowling Green State University, where she tutored groups and individuals in chemistry, physics, and mathematics. During her career, she has received 13 distinguished awards for scientific achievement, including three fellowships, six travel awards to attend and present at international meetings, and two inter-American society awards.

Dr. Morlino received a PhD in photochemical sciences and a BS in chemistry from Bowling Green State University.

Kimberly A. Pearson, BS
Teaching and Research Associate, Pharmaceutical Sciences Department
Philadelphia College of Pharmacy



Pearson has been instructing courses at USP since 1998 as a teaching assistant, graduate student instructor, and an adjunct instructor. As a full-time faculty member, she is teaching courses in nervous system and endocrine physiology and nervous system and endocrine pharmacology.

Pearson has taught courses in general laboratory biology, gastrointestinal physiology, and renal and hematology physiology. She received the 2002–03 Abraham Glasser Fellowship for Pre-Doctoral Candidates and the 2001–02 Award for Outstanding Student Teaching from USP's physician assistant studies program.

Pearson is currently pursuing a PhD in pharmacology at USP, where she received a BS in pharmacology and toxicology.

Bruce B. Rosenthal, MBA
Assistant Professor, Department of Pharmaceutical Business
College of Graduate Studies



Rosenthal has 20 years' experience teaching high-level business courses. He has created and instructed courses for highly successful corporate executives in various countries and has taught business strategies to graduate-level students.

Rosenthal has been a fine artist for the past 10 years, creating paintings and drawings. His work has been exhibited more than a dozen times in Asia and Europe. Previously, he worked as a senior telerate representative to Japan for Dow Jones/Telerate (DJ/T), where he was directly responsible for maximizing the company's market share and revenue in Japan, which was DJ/T's second-largest market. He also has worked for Merrill Lynch on Wall Street and has run his own consulting company.

Rosenthal received an MBA in marketing and international business from Rutgers University and a BFA in illustration and advertising from Syracuse University.

Robin Silverberg Zappin, MA
Assistant Professor, Department of Physical Therapy
College of Health Sciences



Zappin has nearly 15 years of experience in the physical therapy field. At USP, she is teaching courses in examination and treatment of integumentary system.

Before coming to USP, Zappin was an assistant professor of physical therapy at Long Island University, where she instructed courses in histology, physical agents, measurement and evaluation, and rehabilitation management of burn survivors. She spent 12 years in a variety of physical therapy positions at New York Presbyterian Hospital. During that time, she also was an associate physical therapist at Sue Servetnick Physical Therapy Associates. She is licensed as a PT in the New York and Pennsylvania. She is a member of the American Physical Therapy Association and the American Burn Association.

Zappin is pursuing a PhD in applied physiology at Columbia University. She received an MA in pathokinesiology at New York University and a BA in physical therapy from Boston University.

Annual Fall Career Exposition Held



It may have been early in the academic year, but University of the Sciences in Philadelphia students had an opportunity to meet personally with health and science employers at USP's Annual Fall Career Exposition on September 25. Sponsored by the Career Services Department at USP, the career exposition welcomed more than 60 companies who were looking to recruit students from various disciplines of study.

Held in the new Athletic/Recreation Center, the Career Exposition also provided students an opportunity to practice their professional demeanor and networking skills. Full-time, part-time and summer internships were offered to students as well.

"The Career Exposition was quite successful, and the employers loved the new venue," says **Patricia Peterson**, director of career services. "Career Services wants our great USP talent to excel and think of the future, and that is one of the reasons we schedule this fair early in the academic year. We were very happy with the large turnout of students. The students and employers were already asking about the Spring Career Fair, scheduled for March 18."

Professor Receives National Pharmacy Award



The American Pharmacists Association (APhA) announced that **Daniel Hussar, PhD**, has been selected as the recipient of the Hugo H. Schaefer Award for 2004. The Hugo H. Schaefer Award is a national honor established by the American Pharmacists Association in 1964 recognizing outstanding voluntary contributions to society, to the profession of pharmacy, and to the APhA. Dr. Hussar is the Remington professor of pharmacy of the Philadelphia College of Pharmacy at University of the Sciences in Philadelphia (USP).

Dr. Hussar has teaching responsibilities in a number of courses at USP and has participated in numerous continuing education programs for practicing pharmacists and other health professionals. Over the years, he has published articles in several professional journals on new drugs that have been marketed in the United States, and he also developed a New Drug Comparison Rating System for health professionals.

Dr. Hussar is a member of a number of professional organizations, including the APhA, American Society of Health-System Pharmacists, Drug Information Association, Pennsylvania Pharmacists Association, and the Pennsylvania Society of Health-System Pharmacists. He has served as a member of the Board of Trustees of the American Pharmacists Association and is a past president of the Drug Information Association and the Pennsylvania Pharmacists Association, which named him "Pharmacist of the Year" in 2000.

Students Bridge Gaps in Community



Over the past summer, 11 USP students (pictured above) participated in the Bridging the Gaps Program, an internship for health science students to spend their summer working in community programs in underserved areas of Philadelphia. Each year, more than 200 students, representing seven health professional schools in the city, carry out projects and programs that help meet the health care needs of children, the homeless, persons with HIV/AIDS, and the elderly.

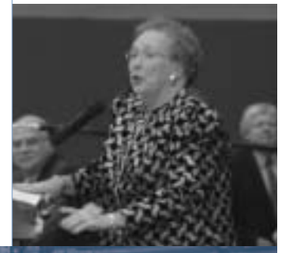
The students, along with the other participants of the program, presented their respective projects at the annual Bridging the Gaps Symposium in September. Some of the projects included educating adolescents on making healthy decisions, helping teens achieve success, and promoting health education at a local community center.

"The students did some remarkable, dedicated work," said **Peter Miller, PhD,** PT, associate professor of physical therapy, "and I hope we can increase awareness of this worthwhile program to encourage more of our students to participate."

First Annual White Coat Ceremony Held

On October 29, members of the 2007 Doctor of Pharmacy Class were inaugurated into the professional phase of the curriculum with the first annual White Coat Ceremony. During this event, students were honored for their commitment to the health profession. They received a white coat symbolizing their dedication to the profession of pharmacy and to the care of others. They took the pharmacy student's Pledge of Professionalism with their peers as their families and faculty witnessed. **Mary Lou Andersen** P'52 (pictured right), recipient of the 2003 Remington Medal, was the keynote speaker.

"I am very proud to have been asked to meet with you today," Andersen told the students in attendance. "Wear those coats proudly. Six of the seven pharmacists in my family are graduates of this institution. When we made the choices for our professional lives, we chose the very best."







Getting to the Root of a Mystery

Sherlock Holmes' reference to a mysterious poison in Sir Arthur Conan Doyle's *The Adventure of the Devil's-Foot* was a topic of discussion at University of the Sciences in Philadelphia on October 25. Members of the Mycroft League, a Philadelphia society of Sherlock Holmes, converged on campus to converse about a poison Watson, Holmes' trusty sidekick, called *radix pedis diaboli* or the Devil's Foot root. Unknown to science, the Devil's Foot root has baffled and fascinated toxicologists since *The Strand Magazine* published the short story in 1910.

Ara DerMarderosian, PhD (pictured left), professor of pharmacognosy at USP, was one of three panel members who offered an opinion about the puzzling substance Holmes and Watson experienced. After the panel discussion, Dr. DerMarderosian led the group to a tour of the Marvin Samson Center for the History of Pharmacy, where he displayed some alleged Devil's Foot root species, as well as other hallucinogenic and poisonous plants.

"The mystery involves the multiple disciplines of botany, chemistry, pharmacology, and toxicology," said Dr. DerMarderosian, "and applying these to suggested candidates for the real identification of the Devil's Foot root in the Sherlock Holmes story. Was it real or a figment of the author's imagination? Whether it is or isn't, it makes for an interesting research project, which may yield a new poison or drug yet undiscovered from nature."

PT Students Organize Health Fair

As part of the celebration of National Physical Therapy Month in October, nearly 40 fifth-year PT students participated in a health fair at The Fountains at Logan Square. The fair was organized by **Carol Maritz, MS**, assistant professor of physical therapy, as part of her geriatrics course. The goals of the fair at the continuing care retirement community in Center City were to educate the residents on the importance of being active participants in their own health while also providing the students with the opportunity to interact with healthy community-dwelling older adults.

For two hours, the PT students performed functional assessments on the residents to screen for issues related to balance, endurance, strength, mobility, sensation, gait, and risk for falls. The students developed educational materials and posters as a means of providing the residents with valuable health information. Approximately 40 residents participated.

"The students really enjoyed interacting with the residents and performing the screenings," said Maritz. "As part of the class, the students also had to reflect on their experiences in a short paper. The feedback from the attendees was overwhelmingly positive. Some residents told us they couldn't wait until we do it again next year."



(left to right) Erica Rao MPT'04 and Jennifer Smith MPT'04 provided seniors with helpful information during a health fair at a continuing care community in Philadelphia.

scholarly activity



A sampling of the scholarly activity being done by USP faculty, staff, students, and alumni.

★ = *faculty and staff*
✪ = *current student*
◆ = *alum*

Department of Academic Advising

Presentations

Suzanne Trump★, "The Process of Meaning Making: Using Faith Development to Promote Student Growth" at the National Academic Advising Association (NACADA) 2003 Pennsylvania Advisors Workshop at Temple University in Philadelphia, PA, on October 17, 2003.

Department of Academic Affairs

Professional Activity

Barbara Byrne★ was a member of the South Carolina IDeA Networks of Biomedical Research Excellence Program for Primarily Undergraduate Institutions' (SCINBRE PUI) selection panel for proposals meeting in Charlotte, NC, on September 14–15, 2003. IDeA is the Institutional Development Award program, a National Institute of Health (NIH) Program to foster health-related research and increase competitiveness of investigators of institutions in states with low success rates for grant awards from NIH. South Carolina is one such state. The program for which Dr. Byrne reviewed proposals is a competitive program to pair investigators in interdisciplinary programs at PUIs with mentors from research-intensive institutions. Dr. Byrne reviewed proposals from a number of institutions and recommended a small number for inclusion in the next step of the process.

Publications

Barbara Byrne★:

- "Talking Research Funding to Your Academic Officer" in the *Academic Leader*, The Newsletter for Academic Deans and Department Chairs, Vol 19, No. 9, September 2003. The article was an exploration of approaches for faculty to consider when seeking support for their research from their dean, provost, or other chief academic officer. It was an invited submission that grew out of some workshops and presentations that Dr. Byrne had done for faculty and several institutions.
- Dr. Byrne was a reviewer on Periodic Review Reports of two Middle States Commission on Higher Education (MSCHE) institutions. Review of the Periodic Review Reports includes an analysis of the submitted reports, consultation with the second reviewer of the same report, writing a report to MSCHE and the institution, making a confidential recommendation to MSCHE, and finally meeting with MSCHE to discuss the recommendations.

Department of Biological Sciences

Poster Presentation

Alison M. Mostrom★ and **Dana Massuto**°, "Ovenbird (*Seiurus aurocapillus*) Males Produce Individually Distinctive Songs" at the National Animal Behavior Society Meeting in Boise, ID, on July 19–24, 2003.

Department of Career Services

Exposition

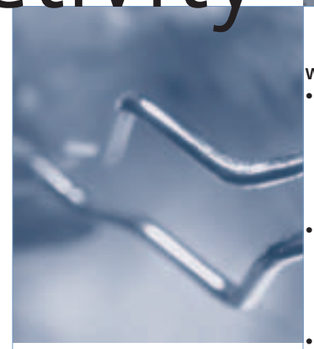
Pat Peterson★ coordinated the Annual Fall Career Exposition at the University on September 25, 2003.

Department of Chemistry and Biochemistry

Publications

Joel M. Kauffman★:

- "Radiation Hormesis: Demonstrated, Deconstructed, Denied, Dismissed and Some Implications for Public Policy," *J. Scientific Exploration*, 17(3), 389–407 (2003).
- Book review of *Permissible Dose: A History of Radiation Protection in the Twentieth Century* by J. Samuel Walker, Berkeley, CA: University of CA Press, 2000. xii, 168 pp, ISBN 0-520-22328-4, in *J. Scientific Exploration*, 17(3), 563–564 (2003).



Alfonso R. Gennaro★ is editing the next edition of the *Problem Solver and Reference Manual* published by FMC Corporation (Pharmaceutical Division) for use by the pharmaceutical industry, which is nearing completion. It discusses manufacturing procedures and problems that may arise and how to seek a solution. Included are sections on Tablet & Capsule Processing, Preformulation Problems, Coatings, Suspensions, and Emulsions. The many chapters are authored by industrial pharmacists currently working in industry and academia. **Joseph Schwartz**★ and **Roger Schnaare**★ are contributors. Dr. Gennaro is serving as editor and **Thomas Wheatley**◆, recently retired from FMC, is the technical director.

Department of Humanities

Grants

Justin Everett★, application for a grant to create a science fiction writing workshop as part of the summer program.

Media

David Traxel★ was recently filmed for a Public Broadcasting System documentary on life in the United States in the last century. He is also serving as an advisor on the documentary, which is expected to be completed in early 2005.

Publications

Justin Everett★, et al., a proposal for a textbook tentatively titled *Cultures, Rhetorics, and Arguments*.

William Reinsmith★:

- "Casting Off:" Book review of *Leaving Safe Harbors: Toward a New Progressivism in American Education and Public Life* by Dennis Carlson (2002) in The Educational Forum. Summer 2003.
- "An Uphill Fight:" Book review of *Transitions in American Education: A Social History of Teaching* by Donald and Jo Ann Parkerson (2001) in *The Educational Forum*. Fall 2003.
- "The Learning Moment" in *The Teaching Professor*. December 2003.

Studies

Justin Everett★, "The Effectiveness of Using Holistic Assessment Scales within Cooperative Learning Groups to Help Students Evaluate Their Writing."

Department of Information Science

Presentations

Jacquie Smith★ was a special guest on a panel presentation, "The Smart Classroom: Systematic Evaluation to Guide Decision Makers," at the National Association of Educational Communications and Technology (AECT) annual conference in Anaheim, CA, on October 24, 2003. She also served as moderator for the AECT Information Management Division's Round Table Series.

Publications

Gina Kaiser★, book review of *Native State: A Memoir by Tony Cohan*, which appeared in *Library Journal*, Vol. 128, No. 15, page 57 (September 15, 2003).

Department of Mathematics, Physics and Computer Science

Presentations

Barbara Bendl★ and **Amy Kimchuk**★:

- "Mathematics and Biology—Integrated Yet Separate" at the Mathfest in Boulder, CO, on July 31, 2003.
- "P5: PreCalculus Projects with Powerbars, Pounds and Pollution" at the International Conference on Collegiate Mathematics in Chicago, IL, on October 31, 2003.

Paul Halpern★, "Nordström in Ehrenfest's Garden: The Hidden Prequel to Kaluza-Klein Theory" at the History of Science Society Annual Meeting in Cambridge, MA, on November 22, 2003.

Department of Occupational Therapy

Presentations

Roger Ideishi★, et al.:

- "Facilitating Care Coordination between Medical and Early Intervention Communities" at the National Association for Home and Community Pediatrics Annual Conference.
- "A Consensus Conference for Partnership Building: Family Perspectives on Processes to Improve Care Coordination between Medical and Early Intervention Communities." City of Philadelphia, Department of Public Health, Division of Child and Family Services Community Grant.
- "The Preschool Project: Creating Outdoor Opportunities for Learning" at the Pennsylvania Campus Compact Annual Conference.

Pam Kearney★, **Roger Ideishi**★ and **Melissa Welsh**°, "Learner Centered Teaching Promotes Student Development" at the Pennsylvania Occupational Therapy Association Annual Conference on October 4, 2003.

Department of Pharmacy Practice and Pharmacy Administration

Awards

Daniel Hussar★◆ received the Hugo H. Schaefer Award from the American Pharmacists Association. The Hugo H. Schaefer Award was established by the APhA in 1964 and recognizes outstanding voluntary contributions to society as well as to the profession of pharmacy and APhA.

Presentations

Andrew Peterson★, et al., "Cost of Non-adherence to Inhaled Corticosteroids in Asthma Patients" and "Retrospective Analysis of the Impact of Medication Nonadherence on Clinical Outcomes and Costs in Patients with Osteoporosis Receiving Alendronate Using an Integrated Payor Database" at the International Society for Pharmacoeconomics and Outcomes Research in Crystal City, VA, in May 2003.



Sarah Spinler★, et al., at the American College of Clinical Pharmacy Meeting in Atlanta, GA, in November:

- "Depression Is Associated with Adverse Outcomes in Patients with Acute Decompensated Heart Failure" *Pharmacother* 2003;23:1332.
- Rate Control Versus Rhythm Control in Patients with Atrial Fibrillation: A Meta-Analysis" *Pharmacother* 2003;23:1332.

Professional Activity

Michael Cawley★◆, **Karen Tietze**★ and **Lisa Davis**★ have been appointed to serve on the Editorial Panel for the journal *Annals of Pharmacotherapy*. **Sarah Spinler** and **Rebecca Finley** continue to serve on the Editorial Panel.

Sarah Spinler★:

- Judge and chair for the American College of Clinical Pharmacy Annual Meeting Best Member Poster Competition, November 2003.
- Chair for the American College of Clinical Pharmacy Education and Training Practice Research Network.

Publications

Andrew Peterson★, **Liza Takiya**★ and **Rebecca Finley**★:

- "A Meta-Analysis of Trials of Interventions for Improving Medications Adherence" *Am J Health-Syst Pharm*. 2003; 60: 657–65.
- "A Meta-Analysis of Interventions Targeted at Improving Medication Adherence in Patients with Hyperlipidemia" *Pharmacotherapy*, 2003; 1:80–87.

Sarah Spinler★, et al.:

- For the ESSENCE and TINI 11B Investigators. "Safety and Efficacy of Unfractionated Heparin versus Enoxaparin in Obese Patients and Patients with Severe Renal Impairment: Analysis from the ESSENCE and TIMI 11B Studies" *Am Heart J* 2003.
- "Reduction in Argatroban Clearance and Lack of Removal by Hemodialysis in a Patient with Anasarca" *Ann Pharmacother* 2003; 37: 1237–40.
- "Amiodarone's Role in Simvastatin-Associated Rhabdomyolysis" *Am J Health-Syst Pharm* 2003; 60:1791.

Karen Tietze★ published the second edition of her textbook *Clinical Skills for Pharmacists. A Patient-Focused Approach*, 2nd Edition, St. Louis: Mosby. 2003.

Department of Pharmaceutical Sciences

Presentations

Adeboye Adejare★, et al., "A Design and Syntheses of Non-Peptide Rigid Sulfonamide-Secretase Inhibitors" and "Syntheses of Novel Fluorinated Phencyclidine Analogs" at the AAPS Meeting in Salt Lake City, UT, on October 27, 2003.

Anil D'mello★, et al., "Stability of Phenylalanine Ammonia Lyase During the Emulsification Step in the Manufacture of Cellulose Nitrate" and "Modification of Assay Conditions to Improve the Reproducibility, Reliability and Specificity of the Cytochrome P450 Reductase Assay in Rat Liver Microsomes" at the AAPS Meeting in Salt Lake City, UT, on October 28, 2003.

Ahmed El-Gendy★ and **Adeboye Adejare**★, "Preformulation Studies of a Novel-Secretase Inhibitor" at the AAPS Meeting in Salt Lake City, UT, on October 28, 2003.

Pardeep Gupta★, et al., "Effect of Tat-ptd and its Derivatives on Cell Monolayer Permeability" at the AAPS Meeting in Salt Lake City, UT, on October 30, 2003.

Kamal Jonnalagadda★, et al., "The Effect of Alpha-Cyclodextrin on the Encapsulation of Bovine Insuline in Ethylcellulose Microcapsules" at the AAPS Meeting in Salt Lake City, UT, on October 27, 2003.

Clyde Ofner★, et al., "The Effect of Molecular Weight and Drug Molar Ratio of Gelatin-Methotrexate Conjugates on Cytotoxicity in H160 Leukemia Cells" and "Cathepsin B Degradation and Methotrexate Release from Gelatin-Methotrexate Conjugates" at the AAPS Meeting in Salt Lake City, UT, on October 29, 2003.

Joseph Schwartz★, et al., "Rubturable Film Coatings to Enhance Hydrogel Formation in NaCMC Matrix Tablets" and "Controlled Release of Nifedipine from Eudragit RL and Ethylcellulose Microparticles" at the AAPS Meeting in Salt Lake City, UT, on October 29, 2003.

Joseph Schwartz★, **Pardeep Gupta**★, **Anil D'mello**★, et al., "Effect of Carbopol 934P on Trypsin Mediated Degradation of N-Benzoyl-L-Arginine Ethyl Ester, in Vitro" at the AAPS Meeting in Salt Lake City, UT, on October 30, 2003.

Department of Social Sciences

Awards

Joseph W. Ruane★ and **Nancy Ruane** received the National Anthony Stot Award from FCM for outstanding service for over 35 years. They were cited in an article by Regina Bannan, "Philadelphia at FCM Assembly in Rochester: Ruanes Honored" *EqualwRites*, Vol. XII, No 2.

Presentations

Joseph W. Ruane★, was invited to make a panel presentation to discuss the development of Black Student Unions on white campuses at the Pennsylvania Sociological Society Annual Meeting at California University of Pennsylvania on October 25, 2003.



Publications

Joseph W. Ruane★:

- Submitted a revised chapter "Program Evaluation" in a new edition of *Home Health Administration*, Marilyn D. Harris, Editor, for *J & B Publications*. Publication will be released in 2004.
- "The Federation of Christian Ministries: Affirming a Creative Inclusive Priesthood" published in *EqualwRites*, Catholic Feminist Newsletter for Women and Men in the Philadelphia Area, Vol. XII, No. 2.
- Book Review: *Take Back the Truth: Confronting Papal Power and the Religious Right* by Joanna Manning, Crossroad Publishing Company, NY, 2002, in *EqualwRites*, Vol. XII, No. 2.
- Submitted an invited Op Ed/ Commentary "Church Pays for its Celibacy Policy" in the *Philadelphia Inquirer*.
- Completed revision of *State Marriage Laws of the United States*. Revision of 1990 publication.

alumni news & events

"If we want our alumni to remain involved in the life of the University, we need to remain involved in, and relevant to, the lives of our alumni."

Dear Friends,

I am sure you will all agree, it's been a very busy fall.

On Thursday, October 2, the Alumni Association held its first meeting of the 2003–2004 year and then joined faculty and staff in the Athletic/Recreation Center for the Annual Preview Reception.

Alumni and friends gathered together at six professional meetings throughout the country to catch up with each other and to be updated on all the progress USP made with the expansion of the campus and the addition of new areas of study.

The Philadelphia College of Pharmacy held its first Annual PharmD White Coat Ceremony, marking the progression of the pre-professional students into the first professional year of their curriculum. **Mary Lou Andersen** P'52 was the featured speaker.

Fraternity and sorority alumni gathered with their collegiate chapters in an effort to develop a stronger "Greek" community and enhance the positive image of what Greek organizations do to enrich the USP environment. This is just the beginning of USP's Greek Leadership Program.

The 2002–2004 men's and women's basketball season kicked off in the Robert C. "Bobby" Morgan Arena on Saturday, November 22. An Open House was held, and all basketball alumni that attended were honored at halftime.

I thank all of you who have attended these events, and I appreciate your participation. As well, I thank you all for your positive feedback and helpful comments.

Hope to see you at an upcoming event; check the calendar for information.

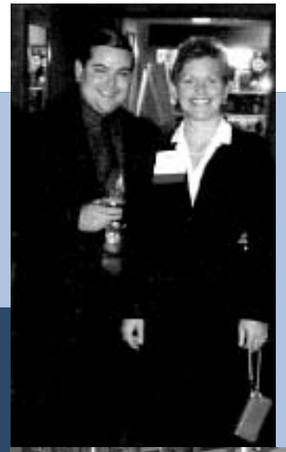
Stacy M. Rosemarin P'83
Director of Alumni Relations and Annual Fund
1.215.596.8856 (local calls)
1.888.857.6264 (toll-free)
s.rosema@usip.edu

Alumni take USP students to lunch at Pat's Steaks
Tom Stonseifer P'59 (far left) and wife Mary (far right), Richard Marshman P'56 (third from right), and Shirley Marshman P'57 (second from right).



Kappa Epsilon Members from the Class of 1983 meeting for lunch
(left to right, seated) Stacy Rosemarin P'83, Diane Grow Burman P'83, and Amelia Piermani-Stetler P'83. (left to right, standing) Karen Donohue Helms P'83 and Debbie DiPretoro McCarthy P'83.





Pennsylvania Society of Health Systems Pharmacists
Seven Springs, PA
October 16
(left to right) Shawn Boyle P'01 and Victoria Rehill Elliott P'87.



Olympic Stadium
Utah
Barbara Insley P'82, Associate Professor at University of Utah, College of Pharmacy.



New Jersey Pharmacists Association Annual Meeting in Atlantic City
(left to right) Award winners Steve Zlotnick P'77, Steve Chang P'78, David Schwed P'70, and Daniel Hussar P'62.



Members of the Class of 1984 visiting campus
(left to right) Phyllis Huberty Livengood P'84 and Steve Livengood P'84.





American Association of Pharmaceutical Scientists, Alumni and Friends Breakfast, Salt Lake City, UT, October 27

(left to right) Adeyinka Abinusawa PT'99, Dennis Zak, and Karen L'Heureux Zak P'79.

(left to right) David Lebo P'88, PT'97, Greg Stagliano P'94, PT'97, and Evonne S. Ghaly, Postdoctorate.

who's who

Alumni News and Notes

Prepared by Nichole Wilson

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

The USP Bulletin *welcomes any and all accomplishments. However, if you are engaged or awaiting the birth of a child, please hold off and let us know as soon as the wedding or birth takes place. Photos are especially welcome. If you would like them returned, include your address on the back of the photo.*

62

Daniel A. Hussar P'62, MS'64 received the Donald J. Wernik Academic Achievement Award. The award was presented at the NJPhA Alumni and Friends Breakfast on September 17, 2003. He also received the American Pharmacists Association's Hugo H. Schaefer Award. He is currently the Remington professor of pharmacy at USP and lives in Newtown Square, PA.

63

Carl R. June, Jr., P'63 and **William E. Trifillis** P'70 opened Cape Pharmacy in Lewes, DE, in July 2003. Carl has owned independent pharmacies for many years and is a candidate for the Lewes Chamber of Commerce. He and his wife Lorraine live in Felton and Lewes Beach, DE. Most recently, William was the pharmacist in charge at Happy Harry's on Savannah Road in Delaware. He and his wife Kathy live in Lewes.

70

David H. Schwed P'70 received the Elan Innovative Pharmacy Practice Award. It was presented by **Alan S. Aronovitz** P'82 at the NJPhA Alumni and Friends Breakfast on September 17, 2003.

77

Steven H. Zlotnick P'77 (PharmD '95, Rutgers University) received several awards at the NJPhA Alumni and Friends Breakfast on September 17, 2003: the Rosario J. "Russ" Mannino Award, the Jesse Gaynor Award, and the NJPhA Appreciation Award.

78

Steven Chang P'78 received the 2003 Albert E. Rosica Memorial Award from the American College of Apothecaries.

Geraldine E. Liberti P'78 was profiled in the July 11, 2003, issue of the *Philadelphia Business Journal*. She is currently the president of Astrolabe Analytica, Inc., in Philadelphia and lives in Holland, PA.

81

Mary Ann Kliethermes PharmD '81 was elected to lead the American Society of Health-System Pharmacists' Section of Home, Ambulatory and Chronic Care Practitioners. She was also recognized as "Pharmacist of the Year" by the Illinois Council of Health-System Pharmacists at their annual meeting in Oakbrook Terrace, IL. Mary Ann is a clinical assistant professor of pharmacy practice at the University of Illinois Medical Center at Chicago and is manager of the Refill 10 Ambulatory Care Clinic at the University of Illinois Medical Center at Chicago. She is also vice president of Clinical Pharmacy Systems, Inc.

Joseph P. Lech P'81 recently observed the 20th anniversary of Lech's Pharmacy, opened in April 1983. That first pharmacy in Meshoppen, PA, has grown into a business that includes four stores. Joe currently employs eight pharmacists and as many as 25 employees. The anniversary celebration included giveaway drawings on September 19, 2003, at all four stores.

89

Jennifer (Trebino) Sands P'89 held a book signing at the Toms River, NJ, library on August 25, 2003. *Tempered Faith: Rediscovering Hope in the Ashes of Loss* provides an account of how Jennifer worked through her grief after her husband Jim, an employee at Cantor Fitzgerald, was killed on September 11, 2001. Jennifer lives in Brick, NJ, and has been chief pharmacist at a local pharmacy for 14 years.



(from left to right) Brian Herr P'99, Andy Christine P'98, Adam Whitney P'98, and Joe Pagano P'98.

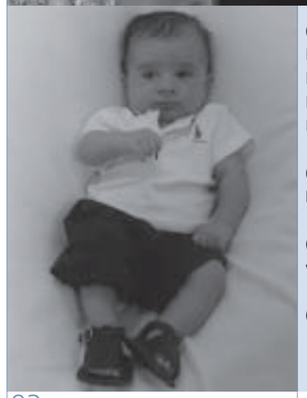
92

Todd J. Bixby and **Anh (Nguyen) Bixby**, both P'92, announced the birth of their daughter Luca Bao Nhi on May 29, 2003. Todd works for Centocor, Inc., and Anh works for Aventis Pharmaceuticals. They live in Chalfont, PA.

Mary Frances Van Buskirk MPT'92 and Eugene F. Delaune were married on April 5, 2003, at St. Mary's Catholic Church in Annapolis, MD. **Therese A. Bohusch** MPT'92 was the matron of honor. Mary Frances is coordinator of outpatient therapy at Anne Arundel County Hospital in Annapolis. Eugene is an emergency room technician at George Washington Hospital in Washington, D.C., and is on active duty with the U.S. Air Force in Baghdad. The couple resides in Alexandria, VA.







(above, left, from left to right) Liz Estrellado P'99, Carrie James MPT'99, Mike Wargo BI'98, Julie Kraiss Wargo MPT'99, and Allison Lambropoulos MPT'99.

(above, right) Adam E. Whitney P'98 and Rosemary Roos Whitney.

(left) Trent Andrew Jones, nine weeks old.

(below, right) Jacob Robert Durkin.

93

Frank J. Vernusky MPT'93 received a full fellowship from the American Academy of Orthopedic Manual Physical Therapy. He is one of only 400 therapists in the country to receive this recognition. He is a senior physical therapist at Kaiser Permanente Medical Center in San Francisco, CA.

95

Robert J. Durkin P'95 and **Karen (Dougherty) Durkin** P'97 announced the birth of their son Jacob Robert on March 6, 2003. The family lives in Gaithersburg, MD. Robert received an MS degree in cell and molecular biology from the University of Hawaii in May 2003. He is now chief of nuclear pharmacy at Walter Reed Army Medical Center in Washington, D.C.

Pargol (Mostatab) Jones P'95 and her husband Christopher proudly announced the birth of their son Trent Andrew on May 6, 2003. Pargol is a pharmacist at CVS in Conshohocken, PA. She and her family live in Philadelphia.

Stephanie A. Wasil P'95 and Brian J. Weirauch were married on June 21, 2003, at SS Cyril and Methodius Roman Catholic Church in Bethlehem, PA. She is a pharmacist at Thomas Jefferson University Hospital in Philadelphia. He is a manager for Eckerd Corporation. They live in Marlton, NJ.

96

Mark D. Zamerowski MPT'96 has joined PRO Physical Therapy. He will serve as a physical therapist at their Elkton and Rising Sun centers. He previously worked with the Philadelphia Flyers from the 2000–2001 season to the 2001–2002 season.

98

Jeffrey M. North BI'98 recently graduated from the University of Buffalo School of Medicine. He is currently doing his residency in physical medicine and rehabilitation in Philadelphia.



Henry L. Trumbo II P'98, PharmD '99 and Karen Clift were married at Eddington Presbyterian Church in Bensalem, PA, on March 30, 2003. **David A. Freeman** P'93 was the best man and **James P. Helms** P'98, PharmD'99 was a groomsman. Henry is employed by Mercy Hospital of Philadelphia as a clinical pharmacy coordinator and a speaker for Roche, Elan, Wyeth and Merck Pharmaceuticals. Karen is a clinical pharmacist with Jefferson Home Infusion.

Michael C. Wargo BI'98, STC'00 and **Julie E. Kraiss** MPT'99 were married on July 6, 2003, at the Newark United Methodist Church in Newark, DE. **Carrie L. James** MPT'99 and **Allison (Vasiliadis) Lambropoulos** MPT'99 were in the bridal party, and **Liz Estrellado** P'99 was one of the alumni in attendance. The bride is a physical therapist at St. Francis Hospital in Wilmington, DE. The groom is a nuclear biological chemical specialist for the U.S. Army. He is currently stationed overseas in support of Operation Enduring Freedom. Upon his return, the couple will live in Fort Drum, NY.

Adam E. Whitney P'98 and Rosemary Roos were married on April 20, 2002, at St. Joseph Church in Mechanicsburg, PA. **Joseph C. Pagano** P'98, **Brian M. Herr** P'99, and **Andrew F. Christine** P'98 were in the wedding party. Adam and Rosemary both live and work in Baltimore, MD. He is a pharmacy manager at CVS, and she is a business owner.

00

Brie M. Bomberger P'00, PharmD '01 and Michael G. Stoltzfus were married on June 28, 2003. The bridal party included **Jagruti S. Amin** P'00, PharmD'01 and **Sandy L. Abdelmalek** P'00,

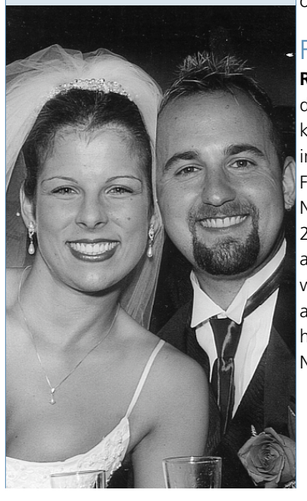
PharmD'01. Brie is a pharmacist at Ephrata Community Hospital in Ephrata, PA. Michael is employed by Jakin Builders as a carpenter. The couple resides in Lancaster, PA.

Susan M. Johnson MPT'00 and **Frank A. Pacana** PharmD'01 were married on May 25, 2003, at St. Mary's Church in Hillsborough, NJ. The wedding party included **Jeannine E. McMenamin** MOT'01; **Kevin S. McCaughin** P'00, PharmD'01; **Jennifer D. Frediani** MOT'01; and **Kathlein Kniess** P'00, PharmD'01. Susan is a physical therapist at Sundance Rehab. Frank is a pharmacist with CVS. The couple lives in Durham, NC.

01

Michelle M. Brasberger MOT'01 and James A. Matteo were married on June 14, 2003, at St. Patrick's Church in Woodbury, NJ. **Adrienne L. Hefton** MOT'01 was the maid of honor; **Amanda M. Black** MPT'01 and **Lindsay E. Peitzman** MPT'01 were bridesmaids. Michelle is an occupational therapist at St. Agn es Medical Center in Philadelphia. James is an office manager for Matteo Iron & Metal in West Deptford, NJ. The couple lives in Mickleton, NJ.

(below) Susan Johnson MPT'00 and Frank Pacana PharmD'01.



Marni T. Rosenberg MPT'01 and Jonathan Kanze were married on April 5, 2003. Marni is a physical therapist with the Medical Rehabilitation Centers of PA. Jonathan is a mortgage broker at U.S. Mortgageline. The couple live in Lafayette Hill, PA.

03

Shawn M. Minick MPT'03 and Nicole L. Young were married on May 31, 2003, at St. Peter Catholic Church in Elizabethtown, PA. He is a physical therapist with Joyner Sports Medicine. She is employed by Lancaster General Health Campus in Lancaster, PA.

Courtney B. Tourville PharmD '03 and Stephen A. Gray were married on May 9, 2003, at the Valley Green Inn in Philadelphia. She is employed by a privately owned pharmacy. He is a senior operations manager for V-SPAN Inc.

Friends of USP

Robert C. Morgan, USP athletic director and former men's basketball coach, will be inducted into the NAIA Basketball Hall of Fame at the NAIA Division I National Championship in March 2004 in Kansas City, MO. His achievements and induction were recognized in a ceremony at the opening basketball doubleheader at the new ARC on November 22, 2003.

In Memorium

Thirties

Harry J. Bomberger, Jr., P'37 passed away September 6, 2003. He was 87 years old. He is survived by his wife Anna and one godson.

Robert E. Kraus P'39 died August 20, 2003, at Artman Lutheran Home in Ambler, PA. He owned and operated Kraus Pharmacy in the Mount Airy section of Philadelphia before retiring in 1988. He was preceded in death by his wife Frances.

Wilbur F. Woelfle P'37 died August 21, 2003, at Central Montgomery Center in Hatfield, PA. He was preceded in death by his son Richard, daughter Suzannah, and first wife Theresa. He is survived by his wife Victoria, daughter Roberta, step-daughter Nancy, sister Lillian, four grandchildren, two step-grandchildren, and four great-grandchildren.

Forties

Herman D. Gordon P'49 died July 21, 2003, at age 84. He was preceded in death by his wife of 53 years, Rosalyn. His survivors include his children Rebecca, Barry, Ellen, and Steve; sisters Shirley and Gladys; grandchildren Idit, Joshua, Elana, Elianna, and Uri; and step-grandchildren Jill and Paula.

Dominic A. Yachetti P'49 (MBA '58, University of Pennsylvania) passed away on April 4, 2003. He is survived by his wife Leola.

Fifties

Howard Cravetz BAC'50, MS'51 (MD'55, Thomas Jefferson University) passed away on September 28, 2003. He is survived by his wife Fritzi, daughters Shelley and Julie, sons Larry and Jeffrey, sister Peggy, and ten grandchildren.

Norman B. Richter P'55 (DO '63, PCOM) died of heart failure on September 22, 2003. He operated a general practice in Clifton Heights, PA, and made house calls from 1964 until his retirement in 1999. He was preceded in death by his brother **Michael Richter** P'68. He is survived by his companion Theresa, brother Leonard, two nieces, and two nephews.

Louis M. Rinovato P'51 died September 13, 2003, following a brief illness. He was 88 years old. He owned and operated Rinovato's Pharmacy in Johnsonburg, PA, from 1960 to 1981. He was preceded in death by his wife Rina, sister Lena, and brother Carmen. His survivors include his son Mark, daughters Rose Marie and Charyl, and two sisters Martha and Florence.

John E. Sharwarko, Sr., P'52 passed away on September 5, 2003. His survivors include his wife, two children, and sister.

take note!

Plan for Your Retirement by Giving Back to USP

What does charitable giving have to do with retirement planning? A great deal, if you consider the benefits of a Deferred Payment Gift Annuity (DPGA) with University of the Sciences in Philadelphia.

Here's how it works. You decide how much you want to contribute. Unlike the maximum allowed with an IRA, you can place as much into your USP annuity as you choose (with a minimum of $5,000). You can either write a check or transfer securities.

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Here's another benefit: You'll receive a charitable income tax deduction for a portion of your contribution. For example, if you fund your USP annuity with $5,000, you could possibly receive more than half this amount as a charitable income tax deduction. Additionally, if you can't use the full deduction in the current tax year, the IRS allows you to carry forward the excess deduction for up to five years.

Want more good news? You can establish DPGAs with the University for others as well as yourself. You may do as many as you like. Some USP supporters who annually reach the maximum for their own pension plan contributions elect to establish a DPGA with the University as a way to supplement their retirement programs each year. Others use USP Deferred Annuities to benefit children, a spouse, or another loved one.

Another benefit: Your payments, when they begin, will be fixed and guaranteed 100 percent by USP's assets. No need to worry about fluctuating payments or a major decline in the stock market. You will be able to depend on your set payments from University of the Sciences in Philadelphia year in and year out.

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One final benefit: personal satisfaction. When you "plan for your retirement by giving back to USP" through a Deferred Payment Gift Annuity, you provide future resources to further the mission of the University. While you're enjoying your retirement, you'll have the satisfaction of knowing that USP will eventually benefit from your wise and generous planning.

Note: We always urge our friends to consult with their own qualified advisor before making a final decision to proceed with any planned gift involving the University. It's part of our commitment to maintaining the highest ethical standards for the benefit of our donors and our own institutional integrity.

To learn more about the USP Deferred Payment Gift Annuity program, please feel free to contact me directly at 215.596.8948 or k.boyden@usip.edu. You can also obtain information by using the handy form provided below.



Thank you for your support.

Kenneth J.D. Boyden, Esquire

"The direction in which education starts a man will determine his future life."
— Plato (427 BC–347 BC), The Republic

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Tell us about your new job, promotion, new professional memberships, etc. If you are engaged or awaiting the birth of a child, please let us know as soon as the wedding or birth takes place. Photos are especially welcome. Please identify the individuals in the photo so that we may ensure accuracy.

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Degree/Program Abbreviations

BAC	Bacteriology
BC	Biochemistry
BI	Biology
BInf	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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To engage the graduates of University of the Sciences in Philadelphia in promoting the goals and objectives of the Association and the Institution.

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Kenneth Bevenour P'87
Timothy Bowers MT'02
Elizabeth A. Fusco P'63
Mary Parenti P'85, PharmD'87
Heather Melchiorre Scheckner P'00
S. Roger Wetherill III P'68

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

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

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

USP UNIVERSITY OF THE SCIENCES IN PHILADELPHIA
600 South 43rd Street
Philadelphia, PA 19104-4495
Phone: 215.596.8800
Website: www.usip.edu

January

12 Boca Raton Area Dinner

13 Miami Area Dinner

14 Naples Area Dinner

15 Sarasota Area Dinner

16 Tampa Area Dinner

February

5 Alumni BOD meeting
USP Campus

TBA PT Bus Trip

March

19 Alumni and Friends
Happy Hour

21–25 Society of Toxicology Alumni
and Friends Reception
Baltimore, MD

25 NJSHP

29 APhA Alumni and Friends
Reception
Seattle, WA

31–April 3
Academy Managed Care
Pharmacy
San Francisco, CA

TBD Spring Happy Hour

TBD Baseball Classic

April

1 Alumni BOD meeting
USP Campus

3 Academy of Managed Care
Pharmacy

22 Student Appreciation Day

TBD Pharm/Tox Graduates Dinner

TBD Physician Assistants Dinner