In the Know about the ACA

Collaborative Programs Expand Interprofessional Education

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From the President

Dear alumni and friends,

What a winter it has been! We’ve had snow storms and ice storms, and in between, we have been very productive at USciences. I would like to share just a few examples:

Amidst a snowfall on January 25, 2014, USciences welcomed three great former student athletes into the USciences Athletics Hall of Fame: MIKE BROWN P’83, a three-sport athlete; AMY D’ALESSANDRO MPT’96, a two-sport athlete; and CHAUNTRELLE CLAYTON PMM’03. Athletic director PAUL KLIMITAS, ME, HonAlm’05 astounded us all with his history of their outstanding athletic play that merited their induction.

I had the opportunity to honor former president PHILIP P. GERBINO P’69, PharmD’70 at a dinner sponsored by the University City Science Center for his longstanding service on their board. Dr. Gerbino remains a strong supporter of USciences. As he has left the UCSC board, I was delighted to be elected to represent USciences in his place.

Our long, proud history of innovative spirit has continued to thrive. I was pleased when the Philadelphia Business Journal published an article about a start-up company, Enzium, that emanated from the intellectual pursuits of biological sciences chair Dr. PETER BERGET. We have more such “start-ups” in the pipeline and other opportunities to grow. Provost HEIDI ANDERSON, the deans, and faculty members are restructuring our research infrastructure to ensure greater support of such entrepreneurial spirit.

This year, the exercise science and wellness management program had an opportunity to undergo an accreditation review. I am happy to say that the dean and faculty worked diligently to demonstrate our excellence and were awarded a 10-year accreditation. Congratulations to Dean LAURIE SHERWEN, PhD, and interim Department of Kinesiology chair KARIN RICHARDS.

Through my continued visits with alumni, I have learned about the factors facing them within their worlds of work and their career needs as transitions occur in their fields. Alumni have provided great insights, and I have brought these back to the provost and deans to consider as they work on curricula. I marveled at our great reception in Hershey, Pennsylvania, and thank all who gave me such a warm welcome.

Lastly, I am pleased to report the faculty has been very busy establishing a new online program in the doctor of occupational therapy program and a certificate program in healthcare navigation. We hope that these programs will serve alumni well, especially through their accessible online format. Expect more academic offerings to come that provide exciting opportunities.

As spring is the time to plant seeds so that new crops can come forward, we are completing reviews of facilities, faculty salaries, and the needs of research and graduate programs. These studies are fundamental to fuel improvements as we move your University forward.

Sincerely,

Helen F. Giles-Gee
President
In the Know: Mayes College Students “Already Know More About the ACA Than Most Docs”
By Lauren Whetzel

Politicians are not the only individuals making waves regarding the hotly debated and contested Patient Protection and Affordable Care Act. A handful of graduate students in the Department of Health Policy and Public Health spent the fall semester learning and analyzing the healthcare law as it evolved in real time.

This was the result of a Mayes College of Healthcare Business and Policy seminar course devoted to the Affordable Care Act. The course was positioned to take full advantage of the October 1 implementation date for open enrollment in the health insurance marketplace.

“The timing of this course provided health policy and public health students a unique opportunity to observe and assess real-life policy as it unfolded,” said STEPHEN METRAUX, PhD, interim director of the health policy program and instructor of the course. “Students learned not just the policy but also the process of the law.”

The course included three major components: Students spent the first month of the course studying the basics of the law. After October 1, news accounts became a textbook, as a steady stream of headlines provided ample material for assessing both the law and the heated rhetoric around the law. Finally, a set of guest speakers provided in-depth presentations related to specific aspects of the Affordable Care Act.

Guest speakers during the fall semester included USciences faculty, as well as experts from the community, including former Philadelphia health
commissioner Dr. Walter Tsou; alumna SUSAN CUSACK PhD’12, chief operating officer of Mercy Philadelphia Hospital; and a trio of physicians from Thomas Jefferson University.

“The journey of this class has been a wild and unpredictable ride for the students because we’ve watched history unwind and witnessed the many roadblocks proponents of the law have faced,” said Dr. Metraux. “From the shutdown of the federal government to the rocky rollout of healthcare.gov, to the President’s ‘keep your plan’ promise—it all was grist for the class.”

The students enrolled in the fall course ranged from young adults in the master’s of public health program, who are fresh out of their undergraduate programs, to a retired physician with more than 30 years of experience in the healthcare field. The diversity in the classroom provided different viewpoints regarding the stages of the Affordable Care Act.

For health policy doctoral student MARGIE FORTINO PhD’14, who has more than 30 years of experience as a registered nurse, this course allowed her to interpret the healthcare system from a nonclinical perspective. For instance, because several of the students in the class were from other countries, she said they were able to share their experiences with the healthcare systems in their native lands.

“The real-life insights shared among the students in the class helped us set aside our political opinions to realize the delivery of healthcare has its problems all over the world, and the United State is no different,” said Fortino.

Dr. TOM GODFREY PhD’20, a retired emergency-room physician who is pursuing his doctorate in health policy, took the class so he would be more prepared to talk about healthcare reform when he starts a teaching position at Penn State’s College of Medicine.

“While there’s been a lot of cheerleading on both sides of this issue, this course has made me realize that many misconceptions of the healthcare law, both good and bad, still linger among the overall population,” said Dr. Godfrey.

“While there’s been a lot of cheerleading on both sides of this issue, this course has made me realize that many misconceptions of the healthcare law, both good and bad, still linger among the overall population.”

Dr. TOM GODFREY PhD’20

Both Dr. Godfrey and Fortino agree the Affordable Care Act is the biggest health policy issue they are likely to face in their lifetimes. They said learning the law as it unfolded across the country kept them more intrigued and focused in class because their schoolwork was based on current news surrounding the issue.

“The Affordable Care Act is very complex and has many bells and whistles…it’s not a push-to-start type of issue,” said Dr. Godfrey. “It’ll be interesting to continue following this issue as it evolves into its next phases.”

While the fall semester is over, student examination of the Affordable Care Act will continue because the course is being offered again this spring. A fresh crop of headlines surrounding the start of healthcare coverage under the law will inevitably keep a new set of students engaged with what Dr. Metraux calls “health policy at its most dramatic stage.”
Collaborative Programs Expand Interprofessional Education

by Carol R. Cool

“Interprofessional education has always been important for patient care, and the recent Affordable Care Act has made this type of practice even more critical.”

HEIDI ANDERSON, PhD

Interprofessional education (IPE) is the wave of the future, as the IPEX (Integrated Professional Education Complex) building rising on Woodland Avenue can attest to.

“Interprofessional education has always been important for patient care,” said HEIDI ANDERSON, PhD, provost and vice president for academic affairs, “and the recent Affordable Care Act has made this type of practice even more critical.”

Recognizing this important need, within the first 30 days of her tenure at USciences, Dr. Anderson established a new position—associate provost for interprofessional education and clinical programs. This individual is responsible for building an interprofessional infrastructure that creates a culture of collaboration among the health profession programs at the institution. Numerous recommendations suggested that only one person internal to the institution was the “best candidate” for this new position: CATHY POON, PharmD, who was appointed to this role in October.

The University has had a Geriatric Interdisciplinary Care course to train students of varied disciplines on working as part of an interdisciplinary care team for the elderly. The course, taught by LAURA A. FINN, CGP, FASCP, RPh, adjunct associate professor of pharmacy practice, continues to have full enrollment and is well received by students.

“As we’ve moved forward,” said ANDREW PETERSON, PharmD, PhD’09, John Wyeth Dean of Mayes College of Healthcare Business and Policy, “we are looking to incorporate this interdisciplinary focus into broader practice, rather than just into a single course.”

Over the past few years, the University has expanded its interprofessional education to encompass not just students here at USciences but also students and practitioners from area universities, medical schools, and medical center training programs. The Geriatric Education Center Interprofessional Team-Based Goals of Care Symposium in October is a great example of this expanded focus. Dr. Poon was the USciences lead on this initiative funded by a Geriatric Education Center grant from the U.S. Department of Health and Human Services, Health Resources and Services Administration.

The symposium involved 120 students from seven different majors: USciences students in occupational therapy, pharmacy, and physical therapy and students from the University of Pennsylvania’s physician studies, nursing, advanced practice nursing, and social work majors. Faculty from

Continued on page 6
these university programs as well as a hospital staff chaplain participated.

The two half-day programs took place at the UPenn School of Nursing, utilizing its state-of-the-art simulation labs, which allowed one interprofessional team of learners to actively participate while another team simultaneously viewed the simulation. The simulations were also taped. The Perelman School of Medicine provided “standardized patients,” trained actors who play patients or their surrogates (caregivers) using a script. Participating faculty wrote case studies that were used in the scripts and then served as facilitators before, during, and after the simulations to help students assess their own learning outcomes. USciences faculty participants in addition to Dr. Poon were VARLEISHA D. GIBBS, OTD, OTR/L, assistant professor of occupational therapy; DIANE E. HADLEY, PharmD, BCACP, assistant professor of clinical pharmacy; and LORA PACKEL, MS, PT, CCS, assistant professor of physical therapy.

Amy M. Corcoran, MD, assistant professor of clinical medicine at UPenn’s Perelman School of Medicine, was part of the core faculty and lead organizer for the program: “Activities like ours allow [our medical students] to practice in a safe learning environment how to interact with other healthcare professions. The hope is that this will lead to better clinical care as these students become part of clinical healthcare teams caring for patients.”

Goals came from the four core competencies developed by the Interprofessional Education Collaborative (IPEC), formed by six national education associations in various health professions. The competencies are:

- Values and ethics for interprofessional practice
- Roles and responsibilities for collaborative practice
- Interprofessional teamwork and team-based practice
- Interprofessional communication practices

Both students participating and observing were asked to consider how well the healthcare team listened to one another and the patient or surrogate; whether their communication, both verbal and nonverbal, was considerate; and how learning from those in other professions helped to provide higher-quality care. A 30-minute debriefing time allowed students to share their thoughts and feelings with others.

“The one main principle that I found extremely valuable was intercommunication,” said TITUS MATHEW PharmD’15. “Each member of the team had their own area of expertise, but having the ability to rely on each other and in essence building upon one another is what allowed us to reach…the most patient-oriented goal, which I believe is a common ground in every profession.”

Further events are in the planning stages and will cover various areas of interest, including transition of care from inpatient to outpatient. “This is an important experience for all students,” said DANIEL FICTHER DrOT’15, “as it provides opportunities to apply learned knowledge in a controlled environment as a stepping-stone to clinical practice. It also provides an opportunity for student interaction between educational programs and universities.”

“A building like the IPEX will provide opportunities for us to have the students learn as a future team,” said Dr. Anderson of USciences’ new building. “Using simulations, case studies, and practice-patients, students will be able to practice what they’ve learned from the didactic sessions before they complete their experiential clinical rotations.”

“We’re preparing our students for the future, not just for healthcare today,” said Dr. Poon, “so they have the skill sets to be collaborative-ready in a patient-centered care environment.”
Taking the Next Step with Achilles Tendon Ruptures

By Jen A. Miller

Rupturing an Achilles tendon happens suddenly without forewarning: step back and then move forward too quickly, and any athlete, from the weekend warrior to the well-paid pro, can tear the tendon that connects the calf to the heel.

This is where KARIN GRÄVARE SILBERNAGEL, PT, ATC, PhD, focuses her work. It’s becoming a more common traumatic injury. It has taken out major athletes like Ryan Howard of the Philadelphia Phillies and Kobe Bryant of the L.A. Lakers.

Dr. Silbernagel’s work could change how Achilles tendon ruptures are treated. Right now in the U.S., about 90 percent of patients who rupture their Achilles tendons are treated with surgery. But in a study published in the American Journal of Sports Medicine and funded by the Swedish National Center for Research in Sports, Dr. Silbernagel found that ruptured tendon surgeries don’t really have better outcomes than ruptures that are treated nonsurgically along with early-loading, which is putting weight on the leg and thus the tendon.

Dr. Silbernagel, who joined USciences two years ago, is taking the next step with that research and studying exactly when to reload the leg after an Achilles tendon rupture, and with how much weight, for optimal recovery.

“You don’t just tell someone to take a little bit of an antibiotic,” she said. “The dosage is adjusted to the person. It’s really important that we do the same with exercise.”

In another American Journal of Sports Medicine study, she reported on how minimizing tendon elongation after injury can help patients better recover to their pre-injury levels of activity.

“You don’t just tell someone to take a little bit of an antibiotic. The dosage is adjusted to the person. It’s really important that we do the same with exercise.”

KARIN GRÄVARE SILBERNAGEL, PT, ATC, PhD

She is also collaborating with CAROL MARITZ, EdD, PT, GCS, an associate professor of physical therapy and geriatric clinical specialist at USciences. Together, through a grant from the Genesis Center for Aging and Research, they’re looking at the relationship between calf muscle strength and falls. “There seems to be a strong correlation in how weak your calf muscle is and risks factors for falls,” she said, so she’s studying heel-rise ability and calf strength in seniors.

Dr. Silbernagel has also just been named an associate editor for the Journal of Orthopaedic & Sports Physical Therapy, which is one of the most important journals for physical therapists in her field.

Dr. Silbernagel has been a practicing physical therapist for over 20 years, and she came to USciences in part because the University would allow her pursue her twin passions.

“I really do want to teach and continue to conduct research,” she said, adding that the University has been very welcoming of her collaborations with researchers around the world, including those in Sweden and New Zealand.
“My research team is continuing to study [Myrothamnus flabellifolius] in greater detail, in hopes we might find the various bioactive compounds that contribute to the selective anticancer effect.”

BELA PEETHAMBARAN, PhD

Within her first year as a biology student at University of the Sciences, JASJIT DHILLON BI’15 was already suited up in a laboratory conducting hands-on cancer research under the guidance of assistant professor of biology BELA PEETHAMBARAN, PhD.

Little did Dhillon know, the plant which her research surrounded has the potential to provide valuable insight into the world of cancer research. That’s because *Myrothamnus flabellifolius*—a plant typically used in drought tolerance research—also offers healthcare advantages that have not yet been explored.

“Research bridges the gap between what I’ve learned in the classroom and what I’ll eventually be practicing in my career,” said Dhillon, who plans to become a doctor. “Although a career as a doctor is completely different than that of a researcher, I hope that some of my critical-thinking skills I have developed during my research will follow in my career path.”

The idea to use this plant for cancer research generated after Dr. Peethambaran’s collaborator from Villanova University traveled to South Africa and brought back a plant for her to use at USciences. While this plant is commonly known for its ability to fully recover after being dried for several months, in its native land it has been used as an ethnic traditional medicine to treat a variety of conditions such as asthma, colds, backaches, strokes, and kidney problems.

“Current anticancer drugs attack both cancerous and noncancerous cells, ultimately causing patients to experience severe and unwanted side effects,” said Dr. Peethambaran. “This research takes critical steps toward determining if extracts from the plant *M. flabellifolius*, can be used as a complementary medicinal to help prevent the unnecessary side effects commonly seen in current treatment regimens.”

Previous studies in leukemia, breast cancer, and lung cancer cells have shown that polyphenols from plants are toxic to cancer cells; and extracts from *M. flabellifolius* are rich in plant polyphenols that have been previously shown to have antiviral properties.

Dr. Peethambaran said that her team’s pilot studies have shown that extracts from *M. flabellifolius* can selectively constrain the growth of leukemic cancer cells with minimal effects on noncancerous cells. The research team—which also included SABRINA BRUNOZZI BI’15, ABEER BADIAB MS’15, and JACK CARTER PhD’15—established a dose and time that would cause more than 50 percent inhibition of cancer cells with the least effects on normal cells. These pilot studies were funded by the Ruth Estrin Goldberg Memorial Cancer Research Foundation last year.

According to the National Cancer Institute, more than 14,500 men and women are expected to be diagnosed with leukemia in 2013, and nearly 11,000 individuals will die from the disease.

“These alarming figures show a dire need for increased cancer treatment options, as well as alternative ways to complement existing therapies,” Dr. Peethambaran said. “As for now, my research team is continuing to study this plant in greater detail, in hopes we might find the various bioactive compounds that contribute to the selective anticancer effect.”

*Myrothamnus flabellifolius* (Photo by Nko)
My pharmacy degree from PCP&S was the scientific basis for a fascinating progression through a series of scientific endeavors leading to a successful career in environmental microbiology. After earning a degree in pharmacy in 1960, I changed fields and obtained an MS from Hahnemann Medical College and a PhD in microbiology/biochemistry from the University of Illinois, Urbana. Thereafter, I worked as an environmental microbiologist for 40 years. I would like to list a few reasons why I believe that my training as a pharmacist proved extremely valuable for my later career in environmental science.

The first 15 years of my career as an environmental scientist were spent working as a scientist for engineering companies dealing with hazardous chemicals released at places such as Love Canal in New York. My job was to evaluate the biodegradability of hundreds of hazardous chemicals at a time when data from the literature was not always available. The situation required that I make structure-comparisons between chemicals that were known to be biodegradable and those for which there was no such information. Due to my PCP&S coursework in pharmacology and pharmaceutical chemistry, I was able to perform these comparisons and arrive at an informed opinion about a chemical's biodegradability in soil and aqueous environments.

The last 25 years of my environmental career focused on the development of a proprietary system for biologically treating trichloroethylene (TCE), a hazardous chemical commonly found in groundwater and soil of industrial clients. My partner and I started a small biotechnology firm in order to develop a unique “enrichment bacterial culture” that would degrade TCE. The bacterium, subsequently named by others Dehalococcioides ethenogenes (Dhc), literally breathes TCE using anaerobic respiration to obtain energy for growth. It does this by using molecular hydrogen atoms to remove chlorine atoms from TCE, transforming the TCE to ethylene, a harmless end-product. At Bioremediation Consulting Inc., we developed a field application for providing both the bacteria and the hydrogen. We advised our engineering clients to inject sodium lactate, which was biologically converted into acetate and hydrogen, both of which were used by Dhc for growth and dechlorination. We grew the Dhc bacteria in batches of 10 to 100 liters in our laboratory for injection into client’s groundwater. (One of our successful treatment sites is located in nearby Malvern Pennsylvania). The culturing of this organism required biochemical understanding for proper selection of electron donors and acceptors. My years of biochemistry both at PCP&S and at graduate school provided a solid foundation for understanding how to grow a useful bacterium.

As a microbiologist, calculations of concentration using English, metric, and molar units were essential for conducting my research. I attribute the relentless practice at PCP&S of using simple conversion from grains and drams to grams and moles as contributing to my success in the field of microbiology and bioremediation. Finally, Dean Tice instilled in us pharmacy majors a sense of ethics, perhaps derived from his personal background but also from the ethics of pharmacy at the time. We were provided with a sense of responsibility for dispensing of drugs and a connected sense of care, carefulness, and quality control.

Such are some of the benefits that I derived my four years of pharmacy at PCP&S.
USciences Wades into the Start-Up Business World with Enzium

By Brian Kirschner

For at least the next year, Enzium, a start-up biotechnology company, will be taking residence on the third floor of University of the Sciences’ McNeil Science and Technology Center. Enzium is leasing the space for manufacturing and further development of fluorescent reagent kits for selective detection of protease enzyme activity.

USciences biology chair PETER B. BERGET, PhD, a cofounder of the company when he was at Carnegie Mellon University (CMU), was instrumental in establishing its presence at USciences. His cofounder is CEO Crystal Falco, who also worked on developing the underlying technology while at CMU. Enzium offers a handful of off-the-shelf fluorescence-based detection kits and is developing a custom reagent service based on its proprietary technology.

The establishment of a start-up company at USciences is a first for the University. In addition to adding a new dimension to the campus from a research and entrepreneurial aspect, the company will provide exposure to students interested in gaining behind-the-scenes insight into the business world.

“Students have natural curiosity and interest in entrepreneurship in biotechnology. I think Enzium’s presence provides them with access to answers to their questions,” Dr. Berget said.

Currently, Enzium is packaging protease detection kits for research and development applications in academic labs, government labs, and commercial labs. Enzium reagents are unique compared to competitors’ because they are based on an engineered protein platform and can incorporate very long protease recognition sequences. This unique platform allows Enzium to quickly build very selective reagents for difficult-to-detect proteases using the proteases’ natural substrates.

“We’re a little bit different,” said Falco. “Our biosensors are much more selective for the enzyme targets. Proteases look for what are called amino acid recognition sequences. Our competitors can build in very short amino acid sequences, but it turns out a lot of proteases like longer sequences, and that is something only we can accommodate.”

The kits retail between $650 and $750, and depending on the research application used, researchers can get anywhere from 100 to 400 samples tested with one kit.

On a parallel track, Dr. Berget’s research lab at the University is aiming to develop biosensor reagents for new proteases that can then be licensed to the company.

“Enzium hopes to have the opportunity to collaborate with academic and commercial labs, while the company looks for licensable technologies that have high commercial potential,” Falco said. “Sometimes those things [academic and commercial projects]
overlap, but oftentimes they don’t, but we can assume at some point we will have some converging interests.”

In the short amount of time that Enzium has been at USciences, Falco has already informally talked to students, answering questions on business models and start-up company strategies in general. She indicated that there might be student internship opportunities with Enzium as the business grows.

In addition to the research space provided by the University, Enzium is receiving backing from BioAdvance through its Greenhouse Fund. “Enzium is one of the first BioAdvance companies from outside of Philadelphia to be attracted to the area,” Falco said of the funding.

“I know USciences president Dr. HELEN GILES-GEE is interested in University–corporate partnerships and this might be a sign of more things to come,” Dr. Berget said. “I think it’s a win all around, and I’m glad it has started.”

When asked whether Dr. Berget’s view was correct, President Giles-Gee responded emphatically, “You bet! Past history has shown that University of the Sciences has encouraged innovators and start-up businesses. We want to capitalize on the core research strengths of the University in ways that generate benefits for faculty and students, incubating and developing businesses as well as the economic development of the region. I am very pleased with what Dr. Berget and associates are doing here.”

At left, agarose beads bind fluoromodules: Top panel shows beads in a light microscope; lower panel shows beads in a fluorescence microscope (red fluorescence). The benefits of the modular platform makes it easy to build new biosensors in interchangeable parts, like a LEGO® set.
NJ Pharmacies Prove to Be “Stronger Than the Storm”
By April Hall

After Superstorm Sandy, streets at the Jersey Shore were “post-apocalyptic,” residents say. More than a year later, the memories are as clear as the repairs that still need to be completed.

On October 28, 2012, one of the most serious storms to hit the East Coast made landfall. Though not technically considered a hurricane, winds and rain brought destruction to homes and businesses all along the Jersey Shore. Electricity was out. Some people were without water. A 6 p.m. curfew was in effect in some towns, and there were three armed checkpoints to get onto Long Beach Island and into the town of Beach Haven.

SAMANTHA KELLY P’88 has owned Kapler’s Pharmacy there for 11 years and never saw weather damage like Superstorm Sandy brought to her hometown.

Kelly and her husband stayed on the island during the storm in order to keep an eye on the pharmacy. “A lot of times they don’t let you back on the island right away,” Kelly said. “If I knew I could get back to my business, I would have left. [Staying] actually turned out to be a good thing because they didn’t let anyone back on the island for 10 days.”

In preparation for the storm, Kelly and her husband placed inventory, refrigerators, and important papers on high counters and on top of tables, at least four feet off of the floor. That would have been fine, but the water was 4.5 feet high.

While most residents were exiled after the storm, one of Kapler’s pharmacists was stuck on the mainland. She went to Kelly’s husband’s pharmacy in Forked River, N.J., about 45 minutes away from Beach Haven. Through their computer systems, the pharmacist was able to fill customer prescriptions while the island was off-limits.

For those stuck on the island and first responders, Kelly was filling prescriptions immediately after the storm. She was also providing free tetanus shots to first responders.

On the other side of the bridge, THOMAS GENCO P’78, RPh, stayed away from the brunt of the storm. Stafford Pharmacy in Manahawkin, where Genco is manager, had a few tripped alarms, but all he found when he got to the store the day after Sandy were a couple of broken windows. A trip to Lowes and the windows were boarded up. Once power was restored, the store reopened two days after the storm.
Genco said it was a fax sent from the Board of Pharmacy that made him realize the seriousness of the situation. “It said you had to make every effort possible to contact the pharmacy and prescribers, but we were able to fill refills just from the bottle,” he said. “We are very legalistic in what we do. In 30 years, I don’t believe I ever saw the Board of Pharmacy do that. We were in a disaster situation.”

Mostly, Stafford worked in tandem with Surf City Pharmacy to fill prescriptions for people unable to get to their regular pharmacy. Other people who were staying at nearby hotels also came by to get everything from maintenance medications to emergency prescriptions filled.

“I know I didn’t see the worst of it, but I felt so helpless,” Genco said. “It was the strangest feeling.”

In Beach Haven, Kelly didn’t have a chance to feel helpless. She had to start gutting the pharmacy right away to try to keep the worst of the mold away. “It was like you were literally watching the mold grow, it came on so fast,” she said.

Two doors down from Kapler’s, Kelly rents a gift shop. It has cement walls and flooring covered with vinyl tiles. They were able to bleach all that clean, replace the fixtures and bring down any surviving inventory to serve as a temporary pharmacy. Again, the Board of Pharmacy stepped in to help by making timely inspections so Kelly could open her doors by Thanksgiving, about a month after the storm.

Just before Memorial Day weekend, the original Kapler’s Pharmacy was able to reopen. She hopes she’ll recover financially from the storm, but she said the lessons she learned has helped her business and will protect her customers in future storms.

Kelly moved her compounding pharmacy to the mainland; that pharmacy will be able to fill island prescriptions.

“We learned a lot between moving a location to the mainland and learning how long it takes to recover from something like this.”

“\textit{I know I didn’t see the worst of it, but I felt so helpless. It was the strangest feeling.}”

\textbf{THOMAS GENCO P’78, RPh}

Aerial views of the damage caused by Superstorm Sandy to the New Jersey coast taken during a search and rescue mission by 1-150 Assault Helicopter Battalion: New Jersey Army National Guard:

University of the Sciences presented the first USciences Service Award to MARVIN SAMSON HonAlm’96 at a dinner on Friday, November 1, 2013. This event raised over $400,000 for student scholarships. Samson, USciences board chairman, was selected as the first recipient for his countless contributions to the University.

The USciences Service Award is intended to recognize an individual who has demonstrated outstanding service to the University, through unwavering support of the University’s core principles of teaching, research, and service.

Over the years Samson has played a vital role in USciences’ growth from a college to a thriving university. His financial gifts have led to the establishment of the Marvin Samson Center for the History of Pharmacy Museum, the Misher Visiting Professorship in the Humanities, and the McNeil Science and Technology Center. The University’s Samson College of Health Sciences bears his name.

“I am truly honored by this tribute and even more touched by the immense generosity of our donors and sponsors who have provided meaningful scholarship support for USciences students,” said Samson.

Samson joined the USciences board of trustees in 1991 and over the years has performed many board duties including his most recent role as chairman. In 2011–12, he undertook the role of interim president while the University conducted a search that ultimately led to the appointment of HELEN F. GILES-GEE, PhD, as president.

“We are proud to call Marvin Samson one of our own,” said KATHLEEN MAYES P’76, PharmD’78, board vice chair and cochair of the event along with board member DONALD J. M. PHILLIPS P’70, PharmD’73. “The University has many special alumni and friends who contribute to making University of the Sciences a leader in healthcare and science education, but it only has one Marvin Samson who has risen to the top many times over the years in terms of his dedication, commitment, and service.”

Proceeds from the USciences Service Award dinner established the Marvin Samson Endowed Scholarship. Samson Scholars, as the recipients will be known, attended the dinner. Left to right: NATHANIEL B. ARRINGTON Psy’15, ASIA DOMONIQUE PINCKNEY DPT’16, MARVIN SAMSON HonAlm’96, KATHERINE L. MCMASTER PHB’14, and CHINTAN SHAH PharmD’15.

USciences Service Award Sponsors

$100,000 PRESENTING SPONSOR: Agnes Varis Charitable Trust

$25,000 PLATINUM SPONSORS: Genentech, Teva Pharmaceuticals, Virtua

$10,000 SILVER SPONSORS: Endo Pharmaceuticals, Genesis HealthCare

$5,000 BRONZE SPONSORS: Cardinal Health, Turner Construction Company

Samson Earns CASE II Award

Marvin Samson was awarded the Robert L. Peyton Award for Voluntary Service by CASE District II (the Mid-Atlantic district of the industry association, Council for Advancement and Support of Education) for his outstanding service. The award was presented at the annual conference in Baltimore, MD, on February 10, 2014.
“We have been able to secure through the Quaker Foundation of Assistance to Worthy Refugees, the services of THEODOR PHILIP HAAS, a botanist of wide repute on the continent, and who will serve part time supervising the Kilmer Garden.”

IVOR GRIFFITH P1912

With this message, dated May 1, 1942, president IVOR GRIFFITH signaled the arrival of Dr. Haas who spent the next 18 years at PCP&S as medical plant specialist (1942–1950), plant taxonomist (1951–1960), and museum curator (1946–1960.) Formerly, Dr. Haas was the assistant curator at the Botanical Museum of Munich-Nymphenburg (1929–1937). He received his PhD from the University of Munich in 1932.

His part-time role as supervisor of the Kilmer Gardens was a far cry from the Botanical Museum of Munich-Nymphenburg where he served for eight years. Yet, this humble position at PCP&S must have seemed heaven-sent. His family had lived safely in Munich since 1759 but the Kristallnacht pogroms of November 1938 escalated his danger to new levels. He had lost his job at the Botanical Museum the year before and now faced internment in a concentration camp. Records show that Dr. Haas had been released from “a concentration camp” in 1940. Upon release, he fled Munich on July 29 and crossed Eurasia and the Pacific Ocean to reach New York. He then moved to Haverford, Pennsylvania, in October 1941, to attend a workshop for refugees seeking college appointments. As Haas explained to a friend, “The purpose of the ‘workshop’ is to learn English, to see American life in families and schools in surrounding colleges—and to come in contact with persons who can help us to bring to a solution the question of existence.”

As Dr. Haas settled into his new surroundings he felt comfortable enough to resume a yearly ritual from happier times, with the aid of a special student: ROBERT SPECK Bl’44, MS’47, DSc’51.

“We have been able to secure through the Quaker Foundation of Assistance to Worthy Refugees, the services of THEODOR PHILIP HAAS, a botanist of wide repute on the continent, and who will serve part time supervising the Kilmer Garden.”

IVOR GRIFFITH P1912

“Since I seemed to be one of Dr. Haas’ longest student friends, I was usually asked to take his picture for him on his birthday…[I remember he had] an Emerson portable radio [and] was always showing it off…[I was about to snap his picture [when] he suddenly called out ‘moment,’ an expression frequently used by the good Dr. ‘I must take my radio out of the cloth bag so it can be seen’…[I was ready again [when] a second ‘moment’ distress call was issued. Now he insisted on opening the plastic cover…so the knobs and dials would show up in the photograph…[I was again ready [when] a third ‘moment’ came forth. It appeared the good Dr. didn’t like the particular music playing on his radio, and he insisted [on] some classical music before I took his picture. [Now he] was finally satisfied that his picture would represent the true Dr. Haas on his birthday.”

The radio, however, might have had more significance to Dr. Haas than anybody thought. On September 23, 1939, three weeks after WW2 began, Nazi authorities made it illegal for Jews to own radios. Perhaps a violation of this kind (and love for classical music)
sent Dr. Haas to the concentration camp. But music wasn’t the only thing heard on the radio. On June 2, 1942, the BBC reported the estimated deaths of 700,000 Jews in Europe. Shortly afterward, Dr. Haas contacted a friend in Switzerland through the Red Cross:

“Since some months I make my living without foreign help, and I am very happy about this... But, please have you heard anything of mother? The last news came in June, dated May 15th. I am so disturbed about the fate of mother. What may have happened since May? Is she still in her home? It is so terrible, not to know of her and not to be able to help if she needs help! Mother is now more than 71 years old. I could be very happy here if I would not have these troubles about the fate of mother... Please, let me know... what you may hear of her, and... also my cousin Arnold, who was a professor for Science.”

He soon learned his mother was deported in July 1942 but nobody knew where. That was all he knew until American GIs, like Pvt. Richard Rudolf, the son of a woman who befriended Dr. Haas at International House, advanced into Germany. On Nov. 18, 1945, Pvt. Rudolf sent a letter to his family that included information for Dr. Haas:

“Before I left Munich [a friend] looked up Frau Haas’s file in the captured Munich police records. Her file was all right until about 1935 when JUDIN was stamped across the papers in big letters... But, the worst part of all were the pictures of her which made

Continued on page 18

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ROBERT SPECK BI’44, MS’47, DSc’51
up part of the record. The first was taken in 1928, a pleasant picture of a distinguished looking woman of about 60. And the last, on a Gestapo card, was of a frightened, thin old lady of 70...Towards the end of the file were a number of appeals and requests to leave the country and go to America. These and everything else in the files came to an end sometime during 1940 or 41...My friend said that she most likely was sent to Theresienstadt in Czechoslovakia ...That police file on Frau Haas was one of the worst pieces of evidence against Nazism and anti-Semitism I have ever seen. What made it all the worse was the fact that the Haas family was evidently a very fine one. Frau Haas’s father was ‘Koenigliche Bayerischer Leibarzt’ (personal physician to the King of Bavaria) and otherwise distinguished in medicine and science.”

Somewhat reassuringly, Dr. Haas learned from another serviceman she died of natural causes in the spring of 1943. So he wrote Pvt. Rudolph to call off the search. “She was only [a few] days ill. It is very hard for me, but in other wise my mother escaped any atrocity by the Nazi, and this is a consolation to me. I thank you for your kind offer to help.”

With the war at an end, Dr. Haas considered his options. He anticipated naturalization in early 1946 and thought of improving his position elsewhere. “It is nearly impossible for me...to teach. We in our age cannot get rid of the foreign accent, and this disturbs the student...I would like very much to get to tropical regions like Florida, California or especially the Hawaiian islands.”

Perhaps it’s no coincidence that PCP&S bestowed the additional title of museum curator on Dr. Haas in 1946, which he held until his retirement in 1960. Three years later he finally moved to Hawaii where he kept in touch with old friends like Dr. Speck:

“Mio carissimo amigo Roberto, I thank you for your letter, dated February 2nd [1976] which in Bavaria they called ‘Lichtmess’ because the length of the days became longer, but certainly you were—as a biologist—looking for the ground-hog...It was one of my wisest decisions to move to Waikiki...Of course, I still have the osteo-arthritis and am confined to a wheel-chair. But I am very active...I am on the mailing list of the botanical Dept. of the University of Hawaii and when they have [seminars] I come...Now, very cordial regards to all the living Specks, male and female. Your Hawaiian aborigin, T. Haas.”

Dr. Haas died a year later and was buried with his prized radio near the shore of Waikiki.
Bulletin Board

A Good Fit for Drivers

On Sunday, November 3, 2013, students and faculty from USciences, occupational therapy program put their training into practice through a Car-Fit event on campus. Car-Fit is a program developed by the AARP, AAA, and AOTA to help seniors learn about how well they fit into their cars and the various safety features of which they should be aware. USciences utilized a grant from the Lindback Foundation to run its program.

Photos: http://flic.kr/s/aHsjM8BA6g

W. W. Smith Charitable Trust Reception Recognizes Scholarship

University of the Sciences hosted a reception for the W. W. Smith Charitable Trust and the student recipients of its annual scholarship on November 7, 2013. The Smith Trust has been funding scholarships for USciences students for the past 28 years with their support totaling more than $1.7 million. Their annual grant is used to support full-time undergraduate students from the Delaware Valley who have financial need and are in good academic standing.

Student recipients had an opportunity to express their gratitude to the trust’s grant administrator, Michelle Montgomery (left). This year, there are 23 scholarship recipients.

A Campus-Wide Day of Service

For the first time, the USciences community came together to celebrate Martin Luther King, Jr., Day. With classes cancelled, more than 400 students, faculty, and staff participated on Monday, January 20, 2014, in community cleanups and service projects, workshops, and lectures. A donation drive filled nearly 60 large boxes with clothing and personal hygiene items, pet necessities, and school supplies. These donations were distributed to nearly a dozen local nonprofit organizations, including People’s Emergency Center, Dress for Success, Salvation Army, PAWS, and Feel the Warmth. Additionally, more than $120 was collected to help offset the costs of educational materials for students at KIPP West Philadelphia Preparatory Charter School.


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Books in Print: Physics Professor’s Picture Book Aims to Spark Interest in Science Among Youth

With hopes to make science education a household conversation across the nation, PAUL HALPERN, PhD, professor of physics, published his second children’s picture book, What's the Matter With Pluto?: The Story of Pluto’s Adventures with the Planet Club.

“Science is really important to children, and we need to continue developing future generations of leaders who are enthusiastic about science and technology because we have fallen behind other countries in these categories,” said Dr. Halpern.

This book discusses the solar system and pairs the narrative with nearly 40 pages of colorful and personable illustrations, drawn by nationally recognized cartoonist Vance Lehmkuhl. It allows children ages 4 to 10 to explore the story of Pluto as seen through the eyes of the planets themselves.

For more information regarding Dr. Halpern’s children’s book, or to make a purchase, visit http://bit.ly/1emnlSQ.

USciences IPEX: 24-Hour Snowstorm Time Lapse

Watch (http://youtu.be/1ScrDl0uNw) as a January snowstorm enveloped the Integrated Professional Education Complex (IPEX) construction site. The time lapse shows a 24-hour snapshot from 9 a.m. Tuesday, January 21, to 9 a.m. on Wednesday, January 22, 2014.

Learn more about the IPEX at usciences.edu/ipex.

Read All About It

USciences faculty members have been in the news of late. A sampling:

STEPHEN METRAUX, PhD, associate professor and interim program director for health policy, was quoted in the New York Times on how to help homeless families. Read it at http://nyti.ms/1gQiil.

KYW Newsradio featured KARIN RICHARDS, acting chair of the Department of Kinesiology, on a pair of stories regarding staying physically fit during the winter months (Listen: http://bit.ly/1eYzA63) and knowing when one is too sick to exercise (Listen: http://bit.ly/1ivlWM9).

As blasts of Arctic air this winter send millions of Americans into a prolonged deep freeze, experts are offering advice on dealing with dangerously frigid temperatures. Tips provided by LISA HOGlund, PhD, assistant professor of physical therapy, appeared on Philly.com (http://bit.ly/1FjFtW) as well as many other outlets.

Find more at usciencesblogs.typepad.com/in_the_news

USciences Well Represented by Philadelphia Business Journal Awards

University of the Sciences was well represented by the Philadelphia Business Journal as University president HELEN GILES-GE, PhD, was honored among some of the most influential women in Philadelphia at the publication’s 2013 Women of Distinction Awards Ceremony on Tuesday, November 19.

The University was also recognized at the publication’s 2013 Innovation Awards Ceremony on Thursday, October 24 with CHARLES N. MCEWEN, PhD, (left) Houghton Chair of the Department of Chemistry and Biochemistry, and AMY JANKE, PhD, (right) assistant professor of psychology, vying for Educator/Researcher of the Year, and the Philadelphia College of Pharmacy’s partnership with Mercy Philadelphia Hospital helping to position the hospital as a finalist for Healthcare Company of the Year.

Read more: http://bit.ly/1dSuV4q
Sports in Short

U.Sciences and Cheyney Sign Articulation Agreement

University of the Sciences and Cheyney University of Pennsylvania formalized an articulation agreement on Monday, December 2, 2013, that paves the way for qualified Cheyney undergraduates to seamlessly enter advanced degree programs at U.Sciences. This partnership offers students a broad range of educational opportunities in four U.Sciences programs.

“This is the definitive collaboration between universities that provides efficient pathways from one institution into another. It enables qualified students to secure advanced degrees in dynamic and innovative healthcare fields,” said Dr. Helen Giles-Gee, president of University of the Sciences. “The student is the ultimate benefactor.”

Read more: http://bit.ly/1clmqQT
Photos: http://flic.kr/s/aHsjNvcVkq

Three Join U.Sciences Athletics Hall of Fame

University of the Sciences welcomed its three newest inductees into the Athletics Hall of Fame on Saturday, January 25 at the Athletic/Recreation Center.

MICHAEL BROWN P’83 was a three-sport athlete at Philadelphia College of Pharmacy and Science, playing one year of basketball (1979–1890) and golf (1982–1983) and four years of baseball (1979–1982). His 45 career stolen bases are the most in program history, a record that still stands 32 years after he finished his playing days.

CHAUNTRELLE CLAYTON PMM’03 was the first player in the women’s basketball program history to reach 1,000 points and 1,000 rebounds. Clayton’s mark of 1,207 career rebounds still stands as the Devils’ all-time record. Clayton still holds every career and season rebounding record at U.Sciences and ranks in the top 10 all-time in 10 different statistical categories.

AMY DALESSANDRO MPT’96 was a four-year women’s basketball and softball player from 1991 to 1995. She finished her hoops career as the Devils’ all-time leader in both points and steals. On the diamond, Dalessandro set a school record in 1995 with 46 hits in a season.

Read more: http://bit.ly/1aapnHY
Photos: http://bit.ly/1hMyy1L

High Academic Success Continues for U.Sciences Student-Athletes

The University of the Sciences athletics program ranked sixth among all active NCAA Division II schools in the nation in the latest Division II release of the Academic Success Rate (ASR). U.Sciences’ ASR was 96 percent for the four-year cohort of 2003–2006. In the seven-year span from 2006 to 2013, the Devils have ranked no lower than seventh nationally in any given year and have had an ASR of 96 or better in each of the last five cohort years. The 96 percent ASR is, for the seventh-consecutive year, the best rate among all 14 institutions within the Central Atlantic Collegiate Conference (CACC). U.Sciences had six of its 11 athletic programs (mixed and women’s rifle are counted as one sport by the NCAA for ASR purposes) produce an ASR of 100% for the cohort years 2003–2006. The national four-year ASR average decreased one point overall to 71 percent, while the entering class of 2006 dropped three points to 69 percent from 2005.

Read more: http://bit.ly/JD8JEf
Photos: http://bit.ly/1hMyy1L
Alumni Events

Alumni Panel
Thursday, November 14, 2013, USciences Campus
The Office of Alumni Relations and the Office of Career Services cohosted a student/alumni panel for students in the College of Graduate Studies. Students were interested in hearing about the panelists’ experiences in the areas of academia and research.

The three panelists pictured (left to right) are Benjamin Weiss P’58, MS’60, PhD’63; Frederick Goldstein P’63, MS’65, PhD’68; and Lewis Killmer C’68.

New Jersey Pharmacists Association (NJPhA) Annual Meeting
Friday, October 4, 2013, Atlantic City, NJ

Left to right: Steve Chang P’78; assistant professor Henry Schwartz P’70, PharmD; assistant professor of clinical pharmacy Grace Earl P’86, PharmD’92; and University friends caught up while enjoying a breakfast buffet at the alumni reception held during the NJPhA Meeting.

American Association of Pharmaceutical Scientists (AAPS) Annual Meeting
Monday, November 11, 2013, San Antonio, TX

Alumni, faculty, and friends attending the AAPS conference in San Antonio networked while enjoying a hearty breakfast at an event cohosted by the Alumni Relations Office and the Alumni Association.

Left to right: Dennis Pabis P’91, PharmD’93; associate professor Kamal Jonnalagadda, PhD; Nikhil Loka PhD’17; Christopher Cammarata PhD’14; Joseph Cook PhSci’07; Jim Huang MS’00, PhD’06; Diane Alleva MS’80, PhD’84; Rita Otner; professor Clyde Otner, PhD; and professor Steven Neau, PhD.

Cast Your Vote:
2014 Board of Directors
The Alumni Association board of directors and nominating committee are pleased to present the 2014 board of directors ballot.

Read the bios and cast your vote at usciences.edu/alumni/bodballot. You can also call 888.857.6264 or e-mail alumnirelations@usciences.edu.

Please vote by March 28, 2014.

Alumni Association Mission:
To engage the graduates of University of the Sciences in promoting the goals and objectives of the Alumni Association and the institution.
Alumni Baseball Game
Sunday, October 13, 2013, Philadelphia

Alumni and coaches look on as students battle second-team alumni on the diamond in FDR Park.

American Society of Health-System Pharmacists (ASHP) Midyear Clinical Meeting
December 9, 2013, Orlando, FL

Alumni, faculty, students, and friends of USciences convened at the Orlando Hyatt Regency for the annual University reception held during the ASHP conference. The event, which drew over 250 guests who mingled, networked, and reminisced, was cosponsored by the Alumni Association and the Alumni Relations office. PCP dean Dr. Lisa Lawson and board of trustees chair Marvin Samson updated guests on University news.

Save the Date!
Alumni Reunion 2014
September 18–21, 2014

If your year ends in a 4 or a 9, we will be honoring your milestone in 2014. If not, come anyway and join the festivities!

Alumni Awards and Nominations

As a featured part of the Alumni Reunion weekend, we welcome your recommendations and nominations for the:

- Alumni Award
- Ivor Griffith Service Award
- Young Alumnus Award
- Honorary Alumnus Award

Nominations may be submitted by downloading a nomination form at usciences.edu/alumni/awards and faxing it to 215.895.1177 or mailing it to:

Pat McNelly
Assistant Director, Alumni Relations
University of the Sciences
600 South 43rd Street
Philadelphia, PA 19104

Please contact Pat with any questions you may have at 215.596.8856.

Nominations are due to the Alumni Relations Office no later than May 1, 2014.
Bowling Night
Thursday, November 21, 2013, Philadelphia

The University chapter of American Pharmacists Association-Academy of Student Pharmacists (APhA-ASP), in conjunction with the Alumni Association, hosted a bowling party at North Bowl. Students, alumni, and faculty teamed up for matches and, later, a buffet dinner. Proceeds will support student conference registration in the future.

President’s Whistle Stop Tour
Thursday, December 12, 2013, Hershey, PA

The beautiful Hershey Hotel was a recent stop on the President’s Whistle Stop Tour. Over 45 alumni and friends gathered at a reception to catch up with former classmates and meet Dr. Helen Giles-Gee who provided an update on University news and a look to the future. Surprise guest was athletic director Paul Klimitas who thrilled guests with a colorful history and updates from the Athletic Department.

Legacy Dessert Reception
Saturday, November 2, 2013, USciences Campus

Dozens of legacy students and their families attended a special dessert reception held during Fall Fest weekend. The families had the opportunity to be photographed together as well as meet and chat with President Helen Giles-Gee in an intimate setting.

Left to right: Ashley Krumenacker PharmD’15 and Terry Pak PharmD’15 “strike” a pose.

Alumni Volunteers: We Want You!

The success of many of our programs would not be possible without alumni involvement and support. From career panels to interacting with students at an alumni table, now is the time to get involved.

Contact the Alumni Relations Office at alumnirelations@usciences.edu or 888.857.6264 to learn more. Watch your inbox for details about volunteer opportunities or visit usciences.edu/alumni/getinvolved.
1954
DORETTA (BARKER) ERB
P'54 and her husband Robert received the 2013 Walter Spohn Award from the International Anaplastology Association on May 10, 2013. The award is given in recognition of excellence in creativity, outstanding research, and inspiration to the profession. Doretta is the president of Silicone Studio in Valley Forge, PA.

1955
MARTIN “MARTY” GOLDSTEIN
P'55 (MS’70, University of Pittsburgh) held an event called “Music & Art by Marty” at The Vintage Green in Maple Shade, NJ, on December 13, 2013. He displayed several of his paintings and performed jazz music on his saxophone.

1960
DAVID B. LUTZ
P'60 and his wife Jeanne hosted an alumni dinner at the National Community Pharmacists Association (NCPA) annual meeting in Orlando, FL, in October 2013, which was attended by alumni and friends of PCP. Dave owns Rhoads Pharmacy & Gift Shop in Hummelstown, PA.

1962
ROBERT M. VOYTOVICH
P'62, PharmD ‘70 and his wife Joanne recently celebrated their 50th wedding anniversary with a family weekend at Woodloch Pines in the Pocono Mountains and a two-week tour of Alaska. They were married August 3, 1963, in Burlington, NJ. The couple has three children and nine grandchildren. Before retiring, Robert was a part-time faculty member at University of the Sciences.

1966
ALICE E. TILL
P’66, MS’69 (PhD’79, University of California; MBA’85, Temple University) began a three-year term on the American Association of Pharmaceutical Scientists (AAPS) executive council (as president-elect, president, and immediate past president) in November 2013. She is vice president of science policy and technical affairs at Pharmaceutical Research and Manufacturers of America (PhRMA).

1968
FRANCIS A. CHRZANOWSKI
P’68, MS’72, PhD’75 is a semi-retired CMC consultant and expert witness. He lives in St. Augustine, FL. In September, he moderated the Contract Pharma symposium in New Brunswick, NJ. He also led a seminar in the graduate department of pharmaceutics at the University of Florida Gainsville entitled, “Problem Solving, by Solving Problems.” In November 2013, he was a proposal review panelist for the NIH DAIDS-NIH “Preclinical Development Services for AIDS Therapeutics.” Frank was also cited by the editor of the AAPS PharmSciTech for being one of the 12 reviewers out of 500 who completed the most manuscripts for that journal in 2013.

1972
SUSAN (SPELDOS) ESPOSITO
P’72 was appointed to serve on the Delaware Board of Pharmacy for a two-year term, ending in October 2015. She was employed at Beebe Healthcare from 2000 to 2002 and by Complete Rx at Nanticoke Memorial Hospital since 2002. She and her husband PAUL M. ESPOSITO BI’71, P’77 live in Milton, DE.

1997
CINDY (WORSLEY) HAMILTON
PharmD’77 received the 2013 Harold Swanberg Award from the American Medical Writers Association (AMWA). The award is presented in honor of distinguished contributions to medical communication and services to the medical profession. Cindy has served the AMWA in many roles, including president in 2009. She is the principal at Hamilton House in Virginia Beach, VA.

1973
GERALD E. MEYER
P’73, PharmD’74 (MBA’84, Drexel University) was elected as the American Society of Health-System Pharmacists’ new president in August 2012. He is director of experiential education at the Jefferson School of Pharmacy at Thomas Jefferson University Hospital.

1975
DINESH C. PATEL
MS’75 (PhD’78, University of Michigan) has joined the board of directors for Utah-based Tute Genomics. He recently received the 2013 Willem J. Kolff Lifetime Achievement Award from BioUtah. Dinesh is cofounder of Signal Peak Ventures (formerly vSpring Capital).

1977
ROBERT V. STANEK
P’77 (MBA’83, St. Joseph’s University) was appointed to Accretive Health’s board of directors as an independent director, effective November 11, 2013. He is the former president and CEO of Catholic Health East.

1982
CAROL L. ST. GEORGE
BI’74 (DO’79, PCOM) was recently appointed to Accretive Health’s board of directors as an independent director, effective November 11, 2013. He is the former president and CEO of Catholic Health East.

1997
STEVEN H. ZLOTNICK
P’77 (PharmD’95, Rutgers University) received the New Jersey Pharmacists Association (NJPhA) 2013 Lifetime Service Award at the association’s convention in October 2013. Steven is an adjunct clinical professor at USciences.
1981
ROBIN S. KEYACK P’81 is assistant vice president of surgical services and clinical informatics at Shore Medical Center in Somers Point, NJ. Previously, she was director of pharmacy at Shore Medical Center.

JOSEPH P. LECH P’81 recently announced the expansion of Lech’s Pharmacy, with stores in Tunkhannock and Nicholson, PA, to Lake Winola. The new store opened July 8, 2013.

1982
ROSE MARY (BATTISTA) HOY P’82 has stepped into the newly created role of national pharmacy sales director at Merck Vaccines, with responsibility for sales of adult vaccines in the pharmacy segment. Rose Mary’s prior experience leading the pharmacy & distribution team at Merck, along with her pharmacy degree and certification in vaccination delivery, creates a strong foundation for her new leadership responsibilities in the pharmacy space.

1983
STEVEN L. BURMAN P’83 was honored by Drexel Neumann Academy at their annual celebration dinner in October 2013 for his exceptional service to the Chester, PA, school. Steven sits on DNA’s board of directors and is the owner of Burman’s Medical Supplies.

1986
GRACE L. EARL P’86, PharmD ’92, assistant professor in the Department of Pharmacy Practice and Pharmacy Administration, received the Donald J. Wernik Academic Achievement Award from the New Jersey Pharmacists Association (NJPhA). The award is presented to a pharmacist in higher academia who has performed outstanding service for the profession at large.

ANTHONY V. MINNITI P’93 and ROSE TRUNZ0 Bi’93 were married September 28, 2013, in Stone Harbor, NJ. Anthony, owner of Bell Pharmacy, is also in his 11th year as a township committeeeman in Cinnaminson, NJ. A former two-term mayor, he currently serves as deputy mayor and director of economic development. Rose is currently employed by the Abington Heights School District in Clarks Summit, PA, where she serves as curriculum coordinator of the math and science department. Rose is currently in her fourth year of a five-year doctoral program. Attending the wedding was Anthony’s grandfather BERNARDO S. DOGANIERO P’39 and sister MARIAN MINNITI MORTON P’99. Marian is a partner with Anthony in Wyatt’s Torch, Inc., which owns Bell Pharmacy and specializes in the delivery of quality healthcare services in the Camden, NJ, area.

1988
RICHARD P. BECKER, JR., P’88 (MBA’90, Drexel University) has been appointed CEO of Voltarra Pharmaceuticals, Inc., bringing 20 years of pharmaceutical leadership experience to the newly formed company. He was previously a global brand leader at Alcon Laboratories.

1989
Husband and wife JOHN R. BRITTIN and TERESA (CELONA) BRITTIN, both P’89, and their business were recently profiled in The Press of Atlantic City. They purchased Village Pharmacy in Marmora, NJ, in 1999. The pharmacy offers a variety of organic and natural products.

1990
ARNOLD R. GAMMAITONI P’90, PharmD’92 was named vice president of medical and scientific affairs at Zogenix, Inc. Prior to joining Zogenix, Arnold served as president of the pain group at Nuvo Research.

1993
DANIEL B. HELLER P’93 was elected to the Lower Moreland Board of Commissioners in November 2013. He won against incumbent Jill Blumhardt. Daniel is a pharmacist at Medical Tower Pharmacy in Philadelphia and has lived in the township for 14 years.

1994
MICHAEL P. GARVEY Bi’94 (MS, George Washington University; PhD, George Mason University) gave a free public lecture, “Forensic Science in Major Cities: An Evolutionary (or Is It a Revolutionary?) Approach” on the Penn State University Park campus in October 2013. Michael is the director of the office of forensic science at the Philadelphia Police Department.

1995
SUSAN L. MCCLAIN MPT’95 and her fiancé Mike Bradley have opened CrossFit Elation in Downingtown, PA. They offer individualized coaching and the opportunity to customize every workout for optimal training. Susan holds certifications in CrossFit level-1 instruction and Olympic lifting, as well as mechanical diagnosis and therapy.

1997
KIMBERLY A. GILBERT MPT’97 (DPT’04, Temple University) has been named facility director of Phoenix Rehabilitation and Health Services’ new physical therapy outpatient center in Fleetwood, PA.

1999
CARRIE E. CORBOY PharmD’99 is the current president of the New Jersey Pharmacists Association (NJPhA). She is director of training and compliance at Johnson & Johnson.

2001
JACK E. BROWN P’00, PharmD’01 (MS, Dartmouth Medical College) coauthored “A Review of Tuberculosis: Focus on Bedaquiline,” which appeared in the November 15 issue of the American Journal of Health-System Pharmacy (AJHP). Jack is associate professor and chair of the department of pharmacy practice & administration at St. John Fisher College.

1990
JIM D. BRITTIN P’89, and his wife, TINA (CARNEY) BRITTIN P’93 (MBA’97, Drexel University) have been named Bell Pharmacy’s owners. The newly formed company. He was previously a global brand leader at Alcon Laboratories.

1997
KIMBERLY A. GILBERT MPT’97 (DPT’04, Temple University) has been named facility director of Phoenix Rehabilitation and Health Services’ new physical therapy outpatient center in Fleetwood, PA.
BRYAN N. RODNER, MPT’01; THOMAS J. BOHANON, JR., MPT’01 (DPT’08, Virginia Commonwealth University); and WILLIAM L. LOIS, MPT’01 (DPT’06, Temple University) have created PTWEBUCATION, a convenient, user-friendly, and affordable single-source solution to state requirements for CEU credits. For more information, go to ptwebucation.com.

2002
FRANCO VERDE, BC’02 (MD’06, SUNY) is an assistant professor of radiology at Johns Hopkins Hospital.

2003
ANGELA M. FORLENZA, MPT’03 (DPT’06, Temple University) and Michael Lavelle were married on November 23, 2013. Angela is a physical therapist at Wilkes-Barre General Hospital, and Michael is the owner of Lavelle Real Estate.

DEMETRA S. TSAPEPAS, BI’03, PharmD’06 coauthored “Risk of Post-Transplant Lymphoproliferative Disorder Associated with Use of Belatacept,” which appeared in the November 15 issue of the American Journal of Health-System Pharmacy (AJHP). She is a renal transplant clinical specialist at New York Presbyterian Hospital.

2009
MORIAH J. WEISSMAN, PharmD’09 is the current vice president of the New Jersey Pharmacists Association (NJPha). She is a medical information manager at Novartis.

2010
ADAM C. MCFARLAND, DPT’10 and Brandi Gilmore were married on July 5, 2013, in Perkasie, PA. Adam is a physical therapist, and Brandi is a school counselor. They live in Breinigsville, PA.

2011
SARAH E. BRONACK, PharmD’11 and RICHARD J. CIPALETTI, DPT’09 were married on September 1, 2013, in Scranton, PA. They live in Dallas, PA.

DAVID M. KITTLE, DPT’11 proposed to girlfriend ANNETTE “ANNE” ABBATE, DPT’11 on the USciences softball field on November 9, 2013. The couple met as freshmen in 2005. Director of athletic communication BOB HELLER and athletic director PAUL “COACH K” KLIMITAS helped Dave pull off the surprise. Dave and Annie plan to wed in September 2014.

BRANDON R. SHANK, PharmD’11 is a clinical pharmacy specialist in lymphoma and multiple myeloma at University of Texas MD Anderson Cancer Center.

2013
JESSICA L. KAMINSKI, PharmD’13 is employed by the U.S. Army as a pharmacist OIC at the Grafenwoehr Health Clinic in Germany.

LYDIA B. WATKIN, PharmD’14 received a National Community Pharmacists Association (NCPA) Foundation scholarship, awarded at the NCPA’s annual meeting in Orlando, FL. Her father is THOMAS WATKIN, P’74, owner of Mifflintown Pharmacy in Mifflintown, PA.

1932
ROCCHINA “CHINE” (DE ROCCHINA) LEONCAVALLO, PharmD, P’32 died on October 23, 2013, at the age of 102. Her family owned and operated the Latin-American Pharmacy in Wilmington, DE. Along with her brother Italo and her wife Lea, Rocchina founded Bartley Drugs, the first 24-hour pharmacy in Wilmington. Rocchina was the first woman president of the Delaware Board of Pharmacy. She is predeceased by her husband Sid and survived by her son Alfred, three nieces, and five nephews.

1960
WILLIAM KUPCHA, P’60 passed away on November 11, 2013. He is survived by his wife of 49 years, Anna; daughters Debra and Michelle; and five grandchildren.

FRIENDS OF USCIENCES
NEIDA V. SCHMID, former secretary for USciences (then Philadelphia College of Pharmacy and Science), passed away on November 7, 2013. She is survived by cousins Nancy and Paul Leiser and Andrea and Butch Rambo.
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DEGREE/PROGRAM ABBREVIATIONS

BAC  Bacteriology                        MT  Medical Technology
BC   Biochemistry                         OrgC Organic Chemistry
BlInf  Bioinformatics                  PA  Physician Assistant
BW   Biomedical Writing                 PaD  Pharmacy Administration
C    Chemistry                           PharmD Doctor of Pharmacy
CB   Cell Biology                        PhB  Pharmaceutical and Healthcare Business
CS   Computer Science                   PhC  Pharmaceutical Chemistry
DPT  Doctor of Physical Therapy         PhD  Doctor of Philosophy
DrOT Doctor of Occupational Therapy     PhG  Graduate in Pharmacy (equivalent to P that is used today)
ES   Environmental Science             PhSci  Pharmaceutical Sciences
HonAlm Honorary Alumnus/a              PhTech Pharmaceutical Technology
HonDSc Honorary Degree (Science)         Ph/ TX  Pharmacology and Toxicology
HPay Health Psychology                  PHYS  Physics
HS   Health Science                      PMM  Pharmaceutical Marketing and Management
HumSci Humanities and Science           PrePro Pre-Professional
IndP Industrial Pharmacy                Psy  Psychology
MB   Microbiology                        STC  Certificate in Science Teaching
MBA  Master of Business Administration  TX  Toxicology
MOT  Master of Occupational Therapy
MedC  Medicinal Chemistry
MPT  Master of Physical Therapy
MS   Master of Science
MSPAS Master of Science in Physician Assistant Studies

The Bulletin welcomes feedback from its readers on articles, the events that take place at on campus, or even about the University itself. Send them via fax, e-mail, or mail to:

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Thank You!

Without the passion, pride, and care our alumni have for their institution, it would not continue to thrive for future generations of students.

Our students are eager to have the chance to interact and learn from your experiences and expertise. Our faculty and staff could not do their jobs as efficiently or effectively without your unwavering support.

Whether you assisted at an event or attended a meeting, we are enormously grateful for each and every time you gave us your time or your expertise.

For this, we say thank you!

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