Creating and Inspiring New Ideas in Practice and Science
Academic year 2014-2015 was a year of growth and discovery.

Our research and scholarly pursuits brought us considerable success and our faculty, staff, students and alumni were recognized in many diverse professional and academic arenas.

The accomplishments of our faculty were truly outstanding. Gene Morse was recognized as a SUNY Distinguished Professor, the highest academic rank in the State University of New York system. William Prescott received the University at Buffalo Teaching Innovation Award, Dhaval Shah received the American Association of Pharmaceutical Scientists Outstanding Young Investigator Award, Ying Xu received the American Association of Colleges of Pharmacy New Investigator Award, Marilyn Morris received the American Association of Pharmaceutical Scientists Innovation in Biotechnology Award and Kathleen Tornatore was appointed a Fellow of the American Society of Transplantation.

Also noteworthy was the scholarly and research productivity of our faculty. The school’s collaboration on UB’s first NIH Clinical and Translational Science Award positions the school and the university to continue strong leadership in this critical area of research. Gene Morse had an exceptional year— he received a $12M NIH grant for a quality assurance program in clinical pharmacology for HIV/AIDS and related infectious diseases and a $3.85M NIH grant to support his Translational Pharmacology Research Core and the HIV Clinical Pharmacology Research Program. Javier Blanco received a $1.2M renewal of his NIH R01 grant “Contribution of CBRs and AKRs to the Pharmacodynamics of Anthracycline Drugs.” Dhaval Shah received his first NIH R01 with an award of $1.4M to study “Translational Systems Pharmacokinetic Models of Novel Anticancer Biologics.”

Student recognition was similarly impressive. Elizabeth Lakota, ’15, received the SUNY Chancellors Award for Student Excellence, and Maya Holsen, ’17, earned a national appointment to the American Society of Health-System Pharmacists (ASHP) Pharmacy Student Forum Student Society Development Advisory Group. Olivia Dioguardi, ’18, Stacy Fredrick, ’18, and Adam Heiermann, ’16, represented the school at the American Pharmacists’ Association Academy of Student Pharmacists (APhA-ASP) Summer Leadership Institute in Washington, DC.

Our students and faculty continuously support our mission via service learning and global health outreach. In 2014-2015, they conducted medical mission trips to the Dominican Republic and Honduras, and organized rotations in Zimbabwe, Taiwan and India. Outreach occurred regionally in Chicago and locally throughout the City of Buffalo at various medical clinics and community centers. Our student-driven organization, Student Pharmacists for Global Outreach, has been instrumental in making these endeavors possible.

I am incredibly proud of the establishment of University Pharmacy Residency Services Corporation (UPRS) that is fully operational after years of planning. UPRS offers our pharmacy post-graduate training office the flexibility and autonomy to offer a consistent benefit structure and support services to the various resident opportunities we and our regional partners maintain, allowing the school to strategically grow its post-graduate programs and train pharmacy leaders.

2014-15 helped set a clear pathway for future success, further enhancing our mission of educating the next generation of leaders in pharmacy and pharmaceutical sciences. I look forward to building upon this impressive foundation as we continue to pursue our strategic initiatives.

Sincerely,

James M. O’Donnell, PhD
Professor and Dean
OUR MISSION
To improve health through innovation and leadership in pharmacy education, clinical practice and research.

OUR VISION
- To maintain our ranking as one of the top 20 Schools of Pharmacy and Pharmaceutical Sciences in the United States
- To provide quality education to pharmacy practice and pharmaceutical sciences students at all academic levels, using best-practices and evidence-based educational approaches, enabling our graduates to advance their professions
- To be a leader in education, research, practice and service
- To be a respected institution that advances basic, clinical and translational research
- To meet and improve society’s health, wellness, and health care
- To advance pharmacy practice, including interprofessional team-based models
- To provide an academic environment that promotes effective mentoring, professional growth and development and life-long learning

OUR VALUES
- Excellence and integrity in teaching, research, practice and service
- Embodiment of the highest ethical standards in our education, research, practice and service activities with the expectation our graduates will do the same as the next generation of leaders in their professions
- Establishment of a learning environment that embraces diversity, inclusiveness, equity and respect for all persons
- Organizational values that promote and reward critical thinking and continuous quality improvement
At the bench, Dr. Nguyen is creating a novel intercellular ‘zip coding’ approach for cancer and heart disease treatment.

WITh JUST THREE yEARs EACH AT UB, Juliane Nguyen, PharmD, PhD and Christopher Daly, PharmD, MBA, are leading novel research and practice innovation that is redefining the interdisciplinary scope of their individual areas of focus, as well as the collective disciplines of the entire pharmacy field.

SPPS junior faculty members with planetary vision are piloting pharmaceutical science and clinical pharmacy toward healthcare horizons to come.

In pharmacy practice, clinical assistant professor Daly is leading partnerships in pre-study, study and post-study clinical pharmacy research that will help patients better manage chronic and acute medical conditions; assistant professor Nguyen is at the bench in pharmaceutical sciences, providing hope and new insight into treatments for cancer and heart disease.

In the therapeutic biomaterials laboratory, Nguyen is investigating bio-inspired drug delivery methodologies to improve therapeutic efficacy.

“There are really good drugs out there. But there are diseases that can still not be treated. They are incurable. We are focusing on designing better biomaterials that are drug delivery carriers to address these shortcomings,” she says.

As a high school student in her national Germany, Nguyen gravitated to the natural sciences and was fascinated by chemistry.

“At that time my understanding of chemistry was limited to small molecules. I didn’t know it could be used to engineer or synthesize biomaterials,” she recalls.

Her parents’ dream for her was of a career in retail pharmacy: She earned her PharmD and then a PhD in pharmaceutical sciences – with a focus on the design of biodegradable polymers for nucleic acid delivery – from Philipps University in Marburg.

Discovering a passion for research, Nguyen applied and was accepted as a post-doctoral fellow at the University of California at San Francisco with Francis Szoka, PhD.

“He is one of the pioneers in liposomal drug delivery and one of the first to bring a lipid formulated drug onto the market. He was also a founder of Sequus Pharmaceuticals that developed the Doxil anticancer formulation that is now sold by Johnson & Johnson,” Nguyen says of her mentor.

“This post-doc position was invaluable in that it shaped the way I now think as a scientist.” As a scientist, Nguyen’s investigative vision is clear and profoundly galvanized by...
At the bedside, Dr. Daly leads an innovative research pharmacy focusing on unique, outpatient, investigational drug studies.

her love and understanding of natural science – its sophisticated mechanisms orchestrate a myriad of complex tasks, and inspire hybrid paths for creating better synthetic or bio-inspired, drug delivery systems.

“We can learn from viruses, cells and bacteria. Synthetic polymers and lipid nanoparticles are good, but often not as efficient as the natural systems. Because the natural systems have evolved over millions and millions of years they are really good at what they do. So we can learn from them,” she says.

Nguyen’s research work is focused on the design of smaller biological carriers that are recognized by the biological system.

“We are particularly interested in molecular zip codes,” she explains, using a post office metaphor to explain her novel investigation into intercellular communication. “A city has a lot of buildings. Each has a name, an address and a zip code so the mailman knows exactly where to bring the mail. If the information is missing they don’t know where to deliver the mail.

“That’s the same way biomaterials or drug carriers work in cells. If you put something into a cell and the cell recognizes it as foreign, the cell either doesn’t know what to do with it or uses a mechanism to eliminate the foreign subject.”

Her “zip codes” are defined by experimental methodology – intensive library screening to identify sequences that act as zip codes. Using Polymerase Chain Reaction – a powerful scientific method performed with a small piece of equipment used in molecular biology to render precise biomaterials – Nguyen genetically reprograms cells to perform specific tasks.

“We treat cells with zip code-like materials and the cells know exactly how to process that nucleic acid or any other therapeutic drugs delivered by those materials. We’re really interested in having these nucleic acids sorted to exosomes.”

Exosomes play a critical role in cellular communication, and contain genetic information that allows them to manipulate or modulate their environment. They can contribute to the progression of neurodegenerative disease, autoimmunity and cancer; once secreted by a parent cell, exosomes are captured by neighboring cells or released into systemic circulation for uptake by distant tissues and organs.

“We try to understand the natural systems better so that we can manipulate them to exert a specific function that will stop disease progression,” Nguyen says.

In cancer, the lipid, protein and nucleic acid content of exosomes are known to promote metastasis. So Nguyen is reprogramming cells with zip code-like materials that tell exosomes to target a specific site and perform very specific functions.

“By introducing the zip codes into the cells and attaching a therapeutic drug to them, the drug gets loaded into the exosomes because it knows not to go to the nucleus or other parts of the cell: This therapeutic cargo takes charge...” she explains.
“We have lipid nanoparticles and we have these sequences that we encapsulate in them. We place them into the cells and the zip codes tell them where to go.”

Nguyen has theorized that this novel zip coding platform for sorting therapeutic cargo to exosomes will increase the efficacy of drug delivery and ultimately improve therapies for – or potentially cure – a range of difficult to treat disease states, including heart disease.

“We haven’t done this in vivo yet. We are planning to go in that direction, but just the discovery of these zip codes is potentially huge. We are in the process of filing a provisional patent,” she says.

In addition to targeting cancer, she is investigating the use of macrophages as biological drug carriers to treat myocardial infarction.

After a heart attack the cardiomyocytes in the area that is blocked from blood flow and oxygen die and are replaced with cells that don’t have the ability to contract. Nguyen wants her zip coding, exosome sorting technology to make cardiomyocytes self-renew and multiply.

“Our goal is to use inflammatory cells as drug carriers. After a heart attack the inflammatory cells go to the site of the infarction. We want to use them to secrete a protein that makes the cardiac cells divide or self-renew. In this case, the delivery vehicle is the cell that migrates there and the protein is the drug.”

Nguyen’s work with myocardial infarction is carried out in collaboration with SUNY Distinguished Professor John M. Canty Jr., MD. In Kapoor Hall, she directs an interdisciplinary team of two pharmaceutical sciences students, a chemistry post-doctoral fellow, two biomedical engineering students and several undergraduate students. Her research is funded by the National Institutes of Health, the National Heart, Lung and Blood Institute and the National Institute of Biomedical Imaging and Bioengineering.

“I have very hard-working students in the lab,” she smiles. “What I learned during my post-doc was to think outside of the box. That’s what I try to teach them too, because that’s one of the best ways to discover better drug delivery vehicles, to advance the field.”

At the lectern, assistant professor Nguyen teaches a class on drug development and a section of a drug delivery class focused on nucleic acids and bio-inspired materials. She also teaches disperse systems and drug formulation in Physical Pharmacy.

Like Daly, she too envisions that the impact of her bench work using biology techniques to reprogram exosomes will extend far into the future.

“We envision that our zip code-like biomaterials could be used for the treatment of cancer metastasis. Being able to interrupt pathological cellular communication is a big step,” Nguyen says.

“In the case of myocardial infarction, there is currently, besides heart transplantation, no treatment that completely regenerates the heart. There is no treatment that fully cures the disease. So this is what we are aiming to do.”

Christopher Daly, through the UB SPPS Research Pharmacy, is working to advance the pharmacy practice field with a model to centralize delivery of the pharmacy support needed to carry out clinical studies that are increasingly interdisciplinary.

“An investigator comes to us when they want to do a clinical study, consisting of medication-related human subjects research, and have a specialized need for dispensing or other pharmaceutical need,” he says of the Kapoor Hall Research Pharmacy where he is the principal investigator.

“They need help getting product to the patient in a way that is going to improve adherence, maximize safety and augment the outcomes of what they investigating.”

Daly earned a dual PharmD - MBA degree from SPPS in 2012, and went on to a Post-Graduate Year 1 Community Pharmacy residency at the University of North Carolina Eshelman School of Pharmacy and Moose Pharmacies, near Charlotte.

“It was a very progressive and innovative environment, very different from New York. There were aspects of community pharmacy but we also performed clinical functions for a centralized Medicaid managed care organization, Community Care of North Carolina.”
We would work on patient cases that needed a pharmacist to look at the medication lists coming out of the hospital, and determine if there were drug therapy problems consisting of high risk medications, non-compliance or duplication of medications," he says.

“There were a lot of parameters that would involve our expertise. Pharmacy practice is moving forward at this present time. It is becoming more clinical… more population focused in addition to bottom line, volume driven services. The future will look to assimilate these sometimes competing key drivers.”

When Daly returned to UB to join the faculty, he was tasked with the innovation of practice opportunities for advanced clinical pharmacy research and now leads the strategic, service-driven development of UB SPPS Research Pharmacy.

What is now the SPPS Research Pharmacy evolved from an entity that was defined in 1995 as a result of investigator-related compliance issues. On the South Campus, it provided support for studies that included nationwide clinical trials for medications used to treat ADHD.

“It started as an invention to fill a need for more pharmacy support in clinical research. Investigators needed pharmacy involvement from a regulatory point of view. Now the vision here at UB is to centralize research in one area at the Clinical Research Translational Center. When we centralize there we can grow exponentially with them,” Daly explains.

Located in the Buffalo Medical Corridor near downtown, the CTRC serves as an integrated academic home for outstanding clinical and translational science, providing innovative research tools, support, training, resources and coordination. The CTRC is the hub of the Buffalo Translational Consortium (BTC) formed in 2009, which includes the leading academic, healthcare and research institutions in the Buffalo region, along with key community partners. Each BTC institution is represented in the governance of the CTRC.

With dual training in business administration and pharmacy practice, Daly is responsible for coordinating the day-to-day activity and strengthening the internal processes of the SPPS Research Pharmacy. He also serves as its liaison to the University at Buffalo Research Foundation, which has oversight on how its funds are collected and distributed.

“We are a closed door New York State outpatient licensed pharmacy. You can’t bring a prescription to us and have it filled. That’s the simplest definition of what we are,” he explains.

“We only dispense according to Institutional Review Board protocols and New York State Board of Pharmacy regulations. So we operate on a scientific and proprietary plan with a principal investigator, with principal investigators from all over the BTC. When you look at the caliber of who we provide service to, you understand why UB is recognized as the research leader that it is here.”

The SPPS Research Pharmacy self defines as a “unique, outpatient, investigational drug pharmacy” with a population limited to patients who are enrolled in clinical trials. It provides clinical trial support for UB-affiliated investigators from all of the UB Health Sciences schools, as well as to PhD and masters degree candidates from various departments who are working on research projects. Evolving outreach includes all the clinical institutions and community partners that comprise the Buffalo Translational Consortium as well as interested campus partners at the University at Buffalo.

To define the scope of pharmacy support for a clinical study, Daly designed a comprehensive Research Medication Services Request Form that itemizes the broad range of services which include, among others: special packaging and patient instructions for complex dosing regimens, randomizing and blinding, placebo preparation, adverse reaction monitoring, maintaining patient logs and dispensing records, patient counseling on medication-related issues, and organizing and analyzing study data.

“We partner differently for every study, depending on the investigator’s focus. Some studies are investigator initiated and some are initiated by a pharmaceutical company,” he says, adding that the Research Pharmacy also provides post-market analysis.

“We also work with clinicians who are trying to maximize the use of existing drugs. These drugs may be already FDA-approved for one treatment, but need a New Investigative Drug application to be used for another treatment.”

Like Nguyen’s hybrid bench work with bio-inspired drug delivery, Daly ultimately is developing a hybrid business-practice model to lead the future of research pharmacy. Currently, the SPPS Research Pharmacy manages approximately 25 studies – and he is focused on increasing that number. Funded primarily by the contracted services it provides, Daly also is focused on building support for clinical pharmacy research directly into an investigatory grant.

Other advancement objectives include expanding pharmacokinetic, pharmacodynamic and pharmacogenetic capabilities; establishing Kapoor Hall as a clinical site and collaboration with the Research Institute of Addictions.

“We’re at a really good point where we’re maximizing our operations and abilities here, and beginning to strategically add new evolutions to our model to get to the next step, whether that’s new equipment, such as a tablet press machine, or to become USP 797 compliant, with the ability to make sterile preparations to dispense to human subjects,” he says.

In keeping with the SPPS mandate of academic excellence, both Daly and Nguyen also are preparing the next generation of pharmacy practitioners and pharmaceutical scientists to advance the novel work they have begun.

“We teach all the time,” says Daly, whose teaching passion lies in the social and behavioral sciences aspects of pharmacy practice management, entrepreneurship and innovation.

“We have students with us, on rotations. We teach them good clinical practice through research pharmacy and really impart to those who are interested in a research focus what it is that a research pharmacist does, and how they are able to align with studies and be a part of a research cycle.”

The continued evolution of the SPPS Research Pharmacy, he says, potentially will improve the future of patient care by expanding the scope of support available to clinical investigators.

“I believe it’s going to give investigators a bigger toolkit that allows them to imagine and design more complex and effective studies. UB is expanding out to be a state-of-the-art research facility and the SPPS Research Pharmacy I would like to believe is a very exciting part of that.”

J. Thorpe, Outside the Box Communications
Education

The UB School of Pharmacy and Pharmaceutical Sciences provides students with critical thinking skills that allow them to achieve the desired outcomes of drug-related therapy and disease management through research and clinical intervention.

Office of Admissions and Advisement

In 2014-15, the Office of Admissions and Advisement moved forward with new initiatives to further streamline the admissions processes, resulting in improved interactions with prospective students which allowed enrollment of the most competitive applicants for our programs.

Our goals for admissions are to (1) be competitive, yet accessible and flexible, (2) be desirable for talented prospective students, and (3) successfully weather potential future enrollment challenges.

The most critical shift in managing enrollment was altering our prestigious Early Assurance Program back to a 2-year option only from what had become either a 2- or 3-year option.

Efforts to continue to attract and retain the highest caliber and most diverse applicants include:

- increasingly efficient application processing
- earlier interview sessions
- personalized recruitment using Dean’s Student and Alumni Ambassadors
- online chats and virtual fairs
- targeted social media outreach
- PCAT name buying, and
- traditional relationship building among key colleges and pre-health advisors.

To augment outreach to our undergraduate pre-pharmacy pipeline we grew our 3+4 Educational Affiliation Agreements with partnering institutions. These agreements allow students to fulfill the requirements for the Bachelor’s of Science and Doctor of Pharmacy (PharmD) degrees in a shorter amount of time.

To enrich our successful Dean’s Ambassador Program comprised of Alumni and Student Ambassadors (DSA), we added peer mentors. Peer mentors speak with current and prospective students about research, getting involved, special programs, course selection, and other advice and tips.

Finally, our undergraduate open houses have been enhanced by specialized experiential visits. An unsupervised PharmD student panel was a welcome addition to our fall and spring events, offering visitors an unfiltered view of the lifeblood of our school. DSA tour guides escorted visitors to the Model Pharmacy and the Behling Simulation Center. Hands-on demonstrations took place within our Pharmaceutical Genetics and Compounding Laboratories. Interactive presentations showcased career opportunities, active learning strategies, and blood pressure collection.

Of the 138 students who attended, approximately 71% applied and, of these, 69% enrolled (another nearly 20% were high school juniors at the time of visit).

Meet the PharmD Class of 2018

Interviewed 308
Accepted 132
Middle 50th Percentile Science & Math GPA (Biology, Chemistry, Physics, Math) 3.0 – 3.6*
Middle 50th Percentile of Sum PCAT Percentile Score (excluding composite) 324 – 408*
In-State 82%
Out-of-State 12%
Foreign Citizen 6%
Females 56%
Males 44%
2 years or less of college 19%
Bachelor’s degree or higher 63%
Average Age 22
Number of States/Provinces Represented: 16

*The middle 50th percentile reflects those between the 25th and 75th percentiles.

Degrees Granted (2014-15)

PharmD 133
BS, BS/MS, MS and PhD 25
in Pharmaceutical Sciences:

Total 158

Degree Program Enrollment (2014-15)

PharmD: 498
BS, BS/MS, MS and PhD 107
in Pharmaceutical Sciences:

Total 605
Steering Committee identifies “Transition of Care” as interprofessional CE need

This inter-professional continuing educational program identified communication gaps within transition of care, outlined obstacles, discussed best practices, and outlined strategies to assist in communicating across the healthcare spectrum. Presenters included pharmacists and physician and nursing professionals, representing emergency room, in-patient, discharge, long-term care, primary care and community practice sites.

The Continuing Pharmacy Education (CPE) office has become the ACPE pharmacy CE provider for the HIV/AIDS Education and Training Institute, St. Luke’s-Roosevelt Hospital Center, which provides HIV education for the NYS DOH AIDS Institute. The CPE office has expanded its role providing accreditation to the NYS DOH Medicaid Prescriber Education program and various other state programs.

The school is a certified trainer of the APhA Pharmacy-based Immunization Delivery certificate program and the APhA Delivering Medication Therapy Management certificate program, and over 100 pharmacists were trained again this past year.

As the school adopted a new webinar broadcast platform, the number of webinar offerings continues to expand to meet the needs of our alumni and local and out of region preceptors. Enhancements to the CE registration system have offered participants the opportunity to select their method of attendance and receive the direct webinar links within their program confirmations. Educational offerings have been captured and offer a library of enduring material.

The Office of Continuing Education has increased cosponsorship, providing organizations with accreditation for their educational programming.

Fiscal Year 2014-2015

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Continuing Education Programs and Symposia

Programs and Symposia

8/19/2014 APhA’s Delivering Medication Therapy Management Services Program
9/12/2014 Angiogenesis as a Target for Recovery after Stroke
9/13/2014 The Role of the Pharmacist in Self-Care
12/4/2014 The Rise of Vaccine-Preventable Disease in the U.S.
12/17/2014 Diabetes Management: Putting the Guidelines into Practice
1/11/2015 Diabetes Management: Putting the Guidelines into Practice
1/14/2015 Back to the Basics: An Introduction to Designing HIV Drugs Regimens
1/25/2015 Fraud, Waste and Abuse in Pharmacy 2015
1/28/2015 Metastatic Melanoma: A Paradigm for Novel Treatment Strategies
2/11/2015 The Diabetes Alphabet Soup—a Review of SGLT2 Inhibitors and GLP-1 Agonists
2/25/2015 Naloxone: An Opportunity to Prevent Opioid Overdose in your Patients
3/4/2015 Experiential Education: Enhancing Your Teaching and Learning Environment
3/8/2015 Pharmacy Law Update 2015: “Everything you wanted to know about e-prescribing in NYS but was afraid to ask”/Buffalo
3/11/2015 Navigating Natural Products for Weight Loss: an Evidence-Based Approach
3/15/2015 Pharmacy Law Update 2015: “Everything you wanted to know about e-prescribing in NYS but was afraid to ask”/Rochester
3/25/2015 The Good, the Bad, and the Made-for-TV: A Safety Review on the Most Commonly Used Dietary Supplements
5/14/2015 Pain Management in Geriatric Inpatients in a Long Term Care Facility
6/17/2015 APhA’s Delivering Medication Therapy Management Services
6/17/2015 Medication Management and Fall Prevention in Older Adults
6/24/2015 APhA’s Pharmacy-Based Immunization Delivery

Co-sponsored Programs

7/27/2014 Improving use of Antibiotics in the Community Setting
9/21/2014 Safety and Therapeutics Challenges with Pediatric Drug Therapy
10/4/2014 Fraud, Waste and Abuse in Pharmacy Practice
10/25/2014 RSS: Use of Oral Targeted Therapies in Renal Cell Cancer: Clinical Pearls for Management and Monitoring
10/25/2014 The Treatment of Depression in Cancer Patients: Treatment Pearls and Perils
10/25/2014 Breaching the Barrier: Oral Antineoplastic-Induced Cutaneous Toxicities
10/25/2014 Current Landscape of Oral Chemotherapy Agents and the Potential for Medication Errors
1/22/2015 Menopausal HRT and Non-Hormonal Therapies
2/26/2015 Overview of Medications that Lead to QTc Prolongation: Causes and Concerns for Patient Care
3/4/2015 Chemotherapy Induced Peripheral Neuropathy
3/26/2015 An Update on Antibacterial Therapy and Antibacterial Resistance: There is no ESKAPE!
4/18/2015 Polypharmacy in the Elderly
4/23/2015 Bacillus Calmette-Guerin (BCG) Vaccine and Non-Muscle Invasive Bladder Cancer
5/3/2015 An Update on the Treatment of Hypertension and Dyslipidemia
5/14/2015 Drug Treatment for Head and Neck Cancers
5/19/2015 Breaking it Down: Bone Health
6/1/2015 T-Cells, Targets and Toxicities: Navigating the Dynamic Frontier of Immunotherapy
6/9/2015 Pharmacotherapy of Multiple Myeloma

Ongoing Online Programs

7/7/2014 HIV Pharmacotherapy Community Pharmacy CE
7/1/2014 HIV Pharmacotherapy Case Study Workshop
7/1/2014 HIV Pharmacotherapy Practiced-Based Program
7/1/2014 HIV Annual Update
3/3/2015 Prostate: CanceRxCE
3–6/2015 CanceRxCE: 28 programs presented

Pharmacy Practice Residents/Fellows

Residents
Michelle Amsler, PharmD
PGY1-Pharmacy/ECMC
Jessica Beyer, PharmD
PGY1-Pharmacy/Lifetime Health
Lisa Garza, PharmD
PGY1-Community Pharmacy/Middleport
Family Health
Kimberly Mulcahy, PharmD
PGY1-Community Pharmacy/Middleport
Pharmacy Solutions
TinaPignato, PharmD
PGY1-Pharmacy/ Buffalo Medical Group
Alexandra Pullano, PharmD
PGY1-Community Pharmacy/Mobile
Pharmacy Solutions

Fellows:
Rajindar Bhardwaj, PharmD
Roche
Justin Lenhard, PharmD
Infectious Diseases
Rajnikant Sharma, PharmD
Infectious Diseases
Michael Trang, PharmD
ICPD Pharmacometrics
Residency Training Program Summary 2014-15

Our mission is to educate pharmacy residents in pharmacy practice, clinical precepting, didactic teaching, clinical research and manuscript writing; to provide patient care; and to provide services to the community at large based upon this knowledge. Upon completion of the program, residents are able to practice autonomously in a variety of settings.

During the 2014-15 academic year, the residency program consisted of seven PGY-1 residents and one PGY-2 resident training at the following practice sites:

- Buffalo Medical Group (PGY-1 Pharmacy)
- Erie County Medical Center (PGY-1 Pharmacy)
- Erie County Medical Center HIV/AIDS Immunodeficiency Center (PGY-2)
- Lifetime Health Medical Group (PGY-1 Pharmacy)
- Mobile Pharmacy Solutions (PGY-1 Community Pharmacy)
- Middleport Family Health (PGY-1 Community Pharmacy)

Our residents participated in teaching, research and community service. UB SPPS sponsors an annual Residency Teaching Certificate program, attended this year by 23 residents from across western and central New York. The program consists of a two-day seminar on topics relevant to both didactic and clinical/experiential teaching and learning. This marked the first year that residents had the option of attaining one of two teaching certificates: a Basics of Teaching certificate or an Advanced Academic Teaching certificate. Residents complete the required Advanced Academic Teaching Certificate by facilitating a small group learning experience, teaching a large group lecture, completing a six-week precepting experience at their practice site, and designing and delivering an ACPE-accredited continuing education program at the school.

SPPS residents are required to complete at least one residency project and present the results of the research conducted over the course of their residency. This year, our residents presented at a variety of forums, including the ASHP Midyear Clinical Meeting (Anaheim, CA), the APhA Annual Meeting (San Diego, CA), UB SPPS Residency Project Presentation Day (Buffalo, NY), and the Eastern States Residency Conference (Hershey, PA).

Community service plays a significant role at SPPS. Residents served the community by volunteering their pharmacy services at the Good Neighbors Clinic. While at the clinic, which offers primary care for uninsured and underinsured adults in Buffalo, residents assisted providers with patient care and provided medication counseling to patients, including help with obtaining affordable prescription medications.

2014-2015 also marked the first year for University Pharmacy Resident Services, Inc. (UPRS). This corporation, a separate entity from the school and university, was created to serve as the employer of record for pharmacy practice residents. Though the residency training sites continue to provide the funding for resident positions, the corporation allows unification of our residencies under one entity. UPRS allows for streamlined pay, benefits and administration of the programs in an effort to better meet accreditation standards set forth by the American Society of Health Systems Pharmacy (ASHP). Two of our PGY-1 residencies (Buffalo Medical Group and Lifetime Residency Training Program Summary 2014-2015 Health Medical Group) were administered via UPRS during this residency year.

Pharmaceutical Sciences Postdoctoral Fellows/Associates

Jun Li  
Proteomic investigation of drug therapy responsive proteins and their post-translational modifications (PTMs)

Adolfo Quiñones-Lombaña  
Pharmacogenetic determinants in cardio-oncology

Tista Roy Chaudhuri  
Tumor priming strategies in conjunction with drug delivery approaches to improve therapy of pancreatic cancer

Sharad Sharma  
Development of novel antibody-drug conjugates and understanding the determinants for PK/PD of these molecules
Commencement Awards

**Lilly Achievement Award**
Madeline Waldron

**Michael E. Crawford Award**
Madeline Waldron

**Eino Nelson Award**
Ryan Dillon

**Renee A. Dederich Award**
Jaclyn Kotula

**Francis P. Taylor Award**
Jennifer Murray

**UB School of Pharmacy and Pharmaceutical Sciences Professionalism Award**
Megan Gee

**National Community Pharmacists Association Outstanding Student Member Award**
Charles Hinton

**Lori Esch Memorial Award**
Kristin Hart

**Merk Award**
1st Elizabeth Lakota, 2nd Jennifer Murray, 3rd Wesley Kufel

**Mylan Pharmaceutical Excellence in Pharmacy Award**
Elizabeth Lakota

**David E. Guttman Award**
Zi Yang He

**Facts and Comparisons Award of Excellence in Clinical Communication**
Zackery Bulman

**Samuel J. Bauda Award**
Ryan O’Laughlin

**Pharmacists’ Society of the State of New York Recognition Award**
Wesley Kufel

**Natural Medicines Comprehensive Database**
Nisa Zhao

**Mckesson Leadership Award**
Kristina Chmiel

**TEVA Pharmaceuticals USA Outstanding Student Award**
Cristina Kowalczyk

**A.B. Lemon Memorial Award**
Iffat Shafiq

**The Inpatient Advanced Pharmacy Practice Experience Award**
Jennifer Murray

**Robert M. Cooper Memorial Award**
Andrew Wroblewski

**Pharmacists’ Association of Western New York Student Leadership Award**
Rebecca Campbell

**Excellence in Pharmacogenomics Award**
Samsad Pavel

**Margaret C. Swisher Memorial Award**
Susan Chen

**Western New York Society of Health-system Pharmacists Award**
Brittany Slocum

**Kelli Jordan Memorial Award**
Elizabeth Lakota

**Robert H. Ritz Award**
Ryan Dillon

**Roy M. Barr Award**
1st Justin Bigg, 2nd Ryan Dillon

**Outstanding Graduating Senior Award in Pharmaceutical Sciences**
Negin Salehi

**Robert H. Gumtow Undergraduate Research Award in Pharmaceutical Sciences**
Samuel Kim

**Excellence in Teaching Award**
Ashley Woodruff, PharmD

**Clinical Assistant Professor**
Student Supporters

The following supporters have provided generous funding for the educational training of pharmacy postgraduate residents and fellows, as well as trainees in all levels for pharmaceutical sciences programming.

Pharmaceutical Sciences

PHD STUDENTS
John and Editha Kapoor Fund
Veena Thomas

Center for Protein Therapeutics
Gurkishan Chadha
Patrick Glassman
Tommy Li
Shunxin Lin
Charvi Nanavati
Ly Minh Nguyen
Sheryl Trueman

Pharmacy Practice

POST GRADUATE RESIDENTS
AND FELLOWS
Lifetime Health Medical Group
Jessica Beyer
Buffalo Medical Group
Alyssa Pignato
Roche Pharmaceuticals
Rajinder Bhardwaj

Who’s Who Among Students in American Universities and Colleges

Ian Bader
Justin Bader
Zackery Bulman
Rebecca Campbell
Valerie Cooper
Megan Gee
Kristin Hart
Charles Hinton
Caitlin Hoar
Jaclyn Kotula
Cristina Kowalczyk
Wesley Kufel
Nicholas Ladziak
Elizabeth Lakota
Sarah Lynch
Jacqueline Meaney
Jennifer Murray
Jinhee Park
Quynh-Anh Pham
Kelly Ross
Brittany Slocum
Betty Vu
Madeline Waldron
Philip Yeung

Class of 2015 Farewell Reception
Student Achievements

UB wins local student pharmacist compounding competition
Brenda Basile, ’16, Patrick Rose, ’16, Craig Sauers, ’16, and Nahid Zaman, ’16, were winners of the local 2015 Student Pharmacist Compounding Competition. The team represented UB in the 2015 MEDISCA Student Pharmacist Compounding Competition in Gainesville, FL.

SPPS students shine at UB’s Celebration of Academic Excellence
Sheryl Trueman-Fathallah, PHC PhD program: Sigma Xi Graduate Research Competition: Optimization of pancreatic tumor priming by dovitinib to enhance gemcitabine uptake and efficacy
Kemji Eke, ’16, and Sara DiTursi, ’16, PharmD program: Collegiate Sciences and Technology Entry Program (CSTEP) poster presentations
Negin Salehi, ’15: UB’s Undergraduate Award for Excellence in Research: Paclitaxel in HER2-positive breast cancer

UB’s AMCP chapter recognized for shadowing program
The UB student chapter of the Academy of Managed Care Pharmacy (AMCP) was nationally recognized for developing a successful new pharmacy and therapeutics shadowing program for members. The UB chapter was one of eight schools asked to present its project during the AMCP Annual Meeting in April 2015.

Individual Achievements

Elizabeth Lakota, ’15, receives the SUNY Chancellor’s Award for Student Excellence
The State University of New York awarded Elizabeth Lakota, PharmD/MS ’15, the 2015 SUNY Chancellor’s Award for Student Excellence. The award honors SUNY students who have best demonstrated and been recognized for their integration of academic excellence with other aspects of their lives, including leadership, athletics, career achievement, community service or creative and performing arts.

Tyler Mullen, ’16, presents at SUNY Global Health Institute Meeting
Tyler Mullen, ’16, presented at the inaugural meeting of the SUNY Global Health Institute at the SUNY Global Center in New York City. He presented on student opportunities within the SUNY Global Health Institute.

Iffat Shaﬁq, ’15, and John Diep, ’15, top ﬁve poster finalists at ACCP Annual Meeting
Iffat Shaﬁq, ’15, and John Diep, ’15, were in the top ﬁve student poster finalists at the American College of Clinical Pharmacy annual meeting for their poster titled Cef t aroline and daptomycin combinations demonstrates synergistic and bactericidal activity against methicillin-resistant Staphylococcus aureus (MRSA) from a patient who failed daptomycin.

PharmD candidate “Leading by Example”
Madeleine Waldron, ’15, was featured in the April issue of Pharmacy Times. The proﬁle focused on her natural aptitude toward leadership through her role as president of the School of Pharmacy and Pharmaceutical Sciences Student Association and numerous volunteer and leadership efforts.

Kerry Archer, ’16, and Ryan St. James, ’16, accepted into VALOR Program
Kerry Archer, ’16, and Ryan St. James, ’16, were accepted into the summer 2015 VALOR Program at the White River Junction VA Medical Center in Vermont. The program gives outstanding students the opportunity to develop competencies in clinical pharmacy while at an approved VA health care facility.

Ciera Patzke, ’15, selected as AACP Walmart Scholar Program Recipient
Ciera Patzke, ’15, has been selected as a 2015 American Association of Colleges of Pharmacy (AACP) Walmart Scholar Program Recipient. The program provides $1,000 travel scholarships to 85 student/faculty pairs from AACP member institutions to attend the AACP Annual Meeting and the AACP Teachers Seminar.

Maya Holsen, ’17, appointed to national post in ASHP
Maya Holsen, ’17, was appointed to the American Society of Health-System Pharmacists (ASHP) Pharmacy Student Forum Student Society Development Advisory Group (SSDAG). This advisory group, established by the ASHP Pharmacy Student Forum Executive Committee, is responsible for providing feedback and suggestions to the Executive Committee regarding beneﬁts and services for ASHP student members. Maya is the ﬁrst SPPS student that has been appointed to a national post within ASHP.

Sharif Soleman, ’17, chosen for internship at Roche Pharmaceuticals
Sharif Soleman, ’17, was chosen for an internship at Roche Pharmaceuticals Translational and Clinical Research Center in New York City. He is involved in pharmacokinetic and pharmacodynamics mathematical modeling and clinical trial design. Sharif is working on a joint PharmD/MS in PHC degree.

Graduate students Gurkishan Chadha and Radha Ramakrishnan present at AAPS National Biotechnology Conference
Graduate students Gurkishan Chadha and Radha Ramakrishnan gave presentations at the American Association of Pharmaceutical Scientists National Biotechnology Conference in June 2015.
## 2014-2015 Degree Recipients

### Bachelor of Science in Pharmaceutical Sciences

**February 2015**
- Genevieve Stever

**June 2015**
- Lingling Chen
- Ting Ting Chen
- Piotr Gawel
- Zi Yang He
- Samuel Kim
- Michael Payne
- Negin Salehi
- Ann Chi Sam

### Bachelor of Science/Master of Science in Pharmaceutical Sciences

**June 2015**
- Nathan Williams

### Master of Science in Pharmaceutical Sciences

**September 2014**
- Bo An

**February 2015**
- Jigar Patel
- Gauri Rao

**June 2015**
- Elizabeth Lakota
- Yujie Yang

### Doctor of Pharmacy

**February 2015**
- Leah Andress
- Nazli Soltani

**June 2015**
- Kwadwo Baah
- Ian Bader
- Justin Bader
- Ryan Bailey
- Matthew Belair
- Hannah Bibens
- Justin Bigg
- Zackery Bulman
- Heeyoung Byun
- Rebecca Campbell
- Mariely Castaneda
- Man Ting Chan
- Stephanie Chan
- Janet Chen
- Susan Chen
- Kristina Chmiel
- Valerie Cooper
- Vincent Dellavalle
- John Diep
- Heather Dillenbeck
- Ryan Dillon
- Lauren Dingman
- Alyssa Droopad
- Caitlin Frohnapple
- Patrick Galdun
- Colleen Gardon
- Megan Gee
- Brittnay Giuga
- Heather Grove
- Lin Feng Guan
- Matthew Haintz
- Yuliya Halko
- Kristin Hart
- Kushol Hasnat
- Caitlyn Herr
- Charles Hinton
- Erica Ho
- Caitlin Hoar
- Randall Horlacher
- Niveta Jeyakumar
- Jing Jin
- Yeonwoo Jung
- Suo Karas
- Benjamin Kematick
- Hye Ji Kim
- Sonya Kim
- Suk Young Kim
- Jocelyn Kotula
- Cristina Kowalczczyk
- Gabriela Krawiec
- Wesley Kufel
- Shahjabin Kureshi
- Nicholas Ladziak
- Elizabeth Lakota
- Judy Lam
- Kevin Langdon
- Charles Lavallee
- Byung Hee Lee
- Kevin Lee
- Mi Ryung Lee
- Young Ji Lee
- Eric Lenhard
- Meghan Lim
- Hengxin Lin
- Enen Liufu
- Paul Lupano
- Sarah Lynch
- Jacqueline Meaney
- Charlene Meyer
- Jessica Meyers
- Sophia Min
- Alyssa Moore
- Allen Mosher
- Jennifer Murray
- Esra Mustafa
- Andrew Newberg
- Kelley Nghiem
- Alain Nguyen
- Hanh Nguyen
- Minh Nguyen Dang
- Thanh Nguyen
- Melinda Novak
- Gianna Ognibene
- Ryan O’Laughlin
- Erica Orlovski
- Anait Pahlevanyan
- Jinhee Park
- Samsad Pavel
- Quynh-Anh Pham
- Jamie Raffaniello
- Jacob Reaser
- Kelly Ross
- Michael Rudzinski
- Brian Russell
- Sarith Saju
- Sarah Schuessler
- Iffat Shafiq
- Parth Shah
- Brittany Slocum
- Charles Smith
- Courtney Smith
- David Smith

### Doctor of Philosophy in Pharmaceutical Sciences

**June 2015**
- Gurkishan Chadha
- Frank Engler
- Carrie Hoefler
- Kirthika Shetty
- Li Zhang

<table>
<thead>
<tr>
<th>Bachelor of Science in Pharmaceutical Sciences</th>
<th>Bachelor of Science/Master of Science in Pharmaceutical Sciences</th>
<th>Master of Science in Pharmaceutical Sciences</th>
<th>Doctor of Pharmacy</th>
<th>Doctor of Philosophy in Pharmaceutical Sciences</th>
</tr>
</thead>
</table>
Research and Training

Our school creates cutting-edge research that enhances the body of knowledge needed for professional education, healthcare delivery, and advancement of sciences that will improve the health and wellness of the global community.

Department of Pharmaceutical Sciences

Our strengths lie in biological applications of pharmaceutical sciences for traditional small molecules, as well as biotechnology products such as monoclonal antibodies. Research focus includes systems pharmacology (pharmacokinetics, pharmacodynamics, pharmacometrics, pharmacogenomics) and drug delivery.

The development of new therapeutic approaches, utilizing mechanistic studies employing the tools of genomics, proteomics, computation, and bioinformatics, is also an important focus.

The department consists of a distinguished group of 13 tenure-track, two part-time, and four research faculty members with highly productive, largely NIH-funded research programs and corporate support, totaling about $5.1 million in external funding for 50 specific projects.

The BS undergraduate program, directed by Kathleen Boje, associate dean for academic affairs, included 37 students. The graduate program, headed by Murali Ramanathan, consists of 25 BS/MS, MS, and PharmD/MS students and 45 PhD and PharmD/PhD students. We also hosted nine postdoctoral fellows and visiting scientists. We conducted a successful search for a new faculty member in the area of pharmacometrics and obtained a commitment from Dr. Robert Bies from the University of Indiana School of Medicine.

The Center for Protein Therapeutics (CPT), directed by Joseph Balthasar, professor and associate dean for research, was established in 2008 to advance the development of next-generation protein drugs via protein engineering and bioanalysis/protomics, as well as PK/PD.

2014-15 CPT sponsors included Abbvie, Amgen, Eli Lilly, Genentech/Roche, Janssen, Merck, Sanofi-Aventis, and UCB. To date, the center has provided financial support (~$100,000 per project) for 84 research projects, with 11 projects funded. The Sixth Annual CPT Symposium, held in July 2014, gathered industry sponsors with faculty and trainees to review project results and select new projects. In many cases, study results (e.g., mathematical models, new methodologies) have been quickly implemented by the industry sponsors.

Forty-six presentations by local and visiting scientists comprised the 2014-15 Lecture and Seminar Program. Dr. Julie Johnson, Distinguished Professor and Dean of the School of Pharmacy at the University of Florida, provided the 2014 Gerhard Levy Distinguished Lectureship in Pharmaceutical Sciences presentation, "Hypertension Pharmacogenomics: Using 'Omics Approaches to Define Variable Drug Responses." Hank F. Kung, Professor at the University of Pennsylvania, gave the David C. Chu Lecture in Drug Development. Ah-Ng (Tony) Kong from Rutgers University provided the Pharmacometrics GSA Alumni Lecture. Other notable visiting speakers included Robert Kerbel, University of Toronto; Adam Gaweida, University of Louisville; Greg Thurber, University of Michigan; Tarek Leil, Bristol Myers Squibb; and Gaurav Sahay, Oregon State University.

The Thirteenth Buffalo Pharmaceutics Symposium was held in July 2014. Chaired by Donald E. Mager and supported by 13 pharmaceutical companies, the program was "Pharmaceutical Sciences: A Model of Translational Therapeutics." This outstanding scientific program featured alumni speakers Ryan Hansen from Eli Lilly, Mohammad Tabrizi from Merck, Amit Garg from Genentech, Andrew Chow from Amgen, Holly Kimko from Johnson & Johnson, Sukyung Woo from the University of Oklahoma, Jean-Michel Schermann from the University of Paris, Brian Booth from the Food and Drug Administration, David E. Smith from the University of Michigan, Tristan Maurer from Pfizer, Saeho Chong from Takeda, Dan Salazar from Otsuka, Iqbal Ramzan from the University of Sydney, and Tony Kong from Rutgers University. Additional speakers were Victor Wroblewski from Eli Lilly and Saroja Ramanjan from Genentech, as well as UB faculty members Donald Mager, William Jusk, Dhaval Shah, Juliane Nguyen, and Jun Qu. Many students presented posters as well. Session III was titled, "Ho-Leung Fung: Tradition of Excellence," with several of Fung’s former students and postdocs paying special tribute on the occasion of his retirement.


Our faculty members were highly prolific in their scientific accomplishments, with 85 research articles and book chapters, and one book published. Seventy-two seminars and lectures were given along with 88 research posters at various scientific meetings, universities and industrial venues. Many faculty and students attend and make presentations at the American Association of Pharmaceutical Scientists (AAPS) and American Conference on Pharmacometrics (AcPo) meetings—alumni receptions are held in conjunction with these events.

- Javier Blanco organized a post-graduate course in Clinical Pharmacogenetics at the University of Cordoba, and gave several lectures at Barcelo University in Argentina.
- Wojciech Krzyzanowski coordinated eight 2-3-day workshops for hands-on use of pharmacometric software, supported with donations from companies such as Certera and Simcyp.
- Dr. Marilyn Morris served as past president of the American Association of Pharmaceutical Scientists and received the AAPS Innovation in Biotechnology Award, June 2015.
- Donald E. Mager completed service as president of the International Society for Pharmacometrics and spent three weeks in January as a Visiting Professor at the University of Paris Descartes teaching PK/PD.
- Jun Qu received an American Heart Association Development Award and the Thermo Fisher Scientific Research Award for Tandem MS.
Department of Pharmacy Practice

Academic year 2014-2015 in the Department of Pharmacy Practice was marked by the maturation and development of existing programs, leading to an exciting year in fulfilling our mission to serve the global community through leadership in research, clinical care, and teaching of the practice of pharmacy.

Leadership in research
The department faculty authored 47 papers in peer-reviewed publications, maintaining a rate of publication that far exceeds the national average for pharmacy practice faculty. The Research Pharmacy, particularly the Buffalo Clinical and Translational Research Center (CTRC), continued to grow and has promoted its benefits for various investigators. Dr. Gene Morse received a seven-year, $12 million NIH contract to direct a Clinical Pharmacology Quality Assurance initiative focused on HIV/AIDS and related therapies.

The Outpatient Research Pharmacy center has evolved to support growth in research endeavors. It has established and expanded the principal investigator (supervisor role) within the Research Pharmacy and created a student IPPE-3 rotation. A new project pharmacist was hired and a co-investigator role was developed to enhance strategic relationships with the CTRC and the UB Institutional Review Board for expansion of services, suppliers, and equipment.

A rebranding effort included a new website and increased operational efficiency via a new study intake processes.

Leadership in clinical care
The Department of Pharmacy Practice has had a sustained presence and interest in international health care. Gene Morse, SUNY Distinguished Professor, is internationally recognized for his work in HIV/AIDS. Over the past several years, he has collaborated with the University of Zimbabwe, training pharmacists as part of their effort to combat this disease. Under the leadership of Gina Prescott, clinical assistant professor, we saw a record number of our faculty and students engage in medical mission trips, visiting the Dominican Republic and Honduras.

Nationally, our students collaborated with other healthcare professions, caring for underserved populations in Chicago and rural Tennessee. Locally, our faculty and students served in free clinics within the Western New York area. These opportunities not only bring a measure of inter-professional healthcare to some of the poorest communities, they serve as a cross-cultural window to broaden the scope of our students’ training.

The department is proud of its continued collaboration with the New York State Department of Health (DOH), where faculty continue to provide support for medication therapy management oversight and outreach for the Prescriber Education Program.

Leadership in teaching
Postgraduate education saw the University Pharmacy Residency Services Corporation (UPRS) complete its first year of operation. It is expected to support the growth of pharmacy residency training in the Western New York area.

The Office of Continuing Pharmacy Education (CPE) noted increased participation in webinars, assisting in meeting the continuing professional development needs of faculty, preceptors, and non-accredited organizations. The CPE office is now the pharmacy accrediting entity for a number of practice-based certificate programs, including the NYS DOH-supported Oncology Translational Research Laboratory CancerRx program and the Allegheny County Pharmaceutical Society’s Medication Therapy Management program. The office continues to provide pharmacy ACPE credit to numerous inter-professional organizations.

William Prescott, clinical assistant professor, received the University at Buffalo Teaching Innovation Award, and Ashley Woodruff, clinical assistant professor, recipient of the UB SPPS Teacher of the Year. Gene Morse was named a SUNY Distinguished Professor, the highest academic rank within the SUNY system.

The Office of Experiential Education has continued to expand global opportunities for our students, with affiliated sites in India, Brazil, Taiwan and Canada. Recognized at the 7th Annual Preceptor Awards Program were:

- IPPE Outstanding Contribution Award
  Craig Brozek (DeGraff Memorial Hospital)

- Professional Practice Elective Preceptor of the Year
  Elizabeth Thomas (Walgreens Pharmacy)

- J. Fred Bennet Outpatient Care Preceptor of the Year Award
  Klara Manning (Lifetime Health Medical Group – Amherst)

- Inpatient Care Preceptor of the Year
  James Bartlett (Catholic Health System – Kenmore Mercy Hospital)

- Pharmacy Practice Faculty Preceptor of the Year
  Robert Wahler (SUNY Buffalo / Niagara Hospice)

Faculty Changes
The Department of Pharmacy Practice welcomed David Jacobs, PharmD, as a Clinical Assistant Professor with a focus on pharmacoepidemiology. Terry E. Dunn, PharmD, as Clinical Assistant Professor with a focus on pharmacoinformatics; and Denise Swiatek, PharmD, with a focus in research pharmacy projects.
FACULTY

PHARMACEUTICAL SCIENCES

July 1, 2014 – June 30, 2015

Pharmaceutical Sciences

Joseph Balthasar
Center for Protein Therapeutics
Physiologically-Based Pharmacokinetic (PBPK) Modeling of mAbs

Joseph Balthasar
Center for Protein Therapeutics
Determinants of mAb Brain Distribution in Mouse Models of Alzheimer’s Disease: Investigation of FcRn Binding and Charge

Joseph Balthasar
Center for Protein Therapeutics
Investigation of the Effects of Co-Administered Drugs on mAb Pharmacokinetics

Javier Blanco
Mae Stone Goode Foundation
Pinpointing Molecular Determinants for the Cardiotoxicity Associated with the Use of Trastuzumab for Breast Cancer Chemotherapy

Yanguang Cao
Food and Drug Administration
Physiologically Based Pharmacokinetic Model for Drugs Encapsulated into Liposomes

Alan Forrest
Hoffmann LaRoche Incorporated
Pharmacy Roche Fellowship

Alan Forrest
Monash University
New Tricks for ‘Old’ Drugs: PK/PD of Polyoxyn Nonantibiotic Combinations

William Jusko
Center for Protein Therapeutics
Inclusion of “Tissue Target Dynamics” in Minimal PBPK Models for mAb PK/PD Assessment

William Jusko
National Institute of General Medical Sciences
Corticosteroid Pharmacokinetics and Pharmacodynamics

William Jusko
National Institute of General Medical Sciences
Mathematical Models in Pharmacodynamics

William Jusko
SUNY Downstate
Molecular and Clinical Pharmacology of Retinopathy or Prematurity

Qing Ma
National Institute of Mental Health
Antiretroviral Pharmacogenomics, Pharmacokinetics and Toxicity in neuroAIDS

Donald Mager
University of Iowa
NEP12075: Mechanism of Action in the CNS

Donald Mager
Utah State University
Rapid, Selective, Sensitive and Extensive Characterization and Quantification of Antibody-Drug Conjugate to Support PK Studies

Jun Qu
Merrimack Pharmaceuticals
Incorporated
Comprehensive Quantitative Analysis of Liposome-bound Plasma Proteins

Murali Ramanathan
Lineagen Incorporated
UB CAT: Whole Genome Sequencing of DNA from Multiple Sclerosis Patient Cohort

Murali Ramanathan
National Multiple Sclerosis Society
Lipoprotein and Lipid Metabolism in Multiple Sclerosis Disease Progression

Dhavalkumar Shah
NYS Department of Economic Development
Center for Advanced Technology in Biomedical and Bioengineering

Dhavalkumar Shah
National Institute of General Medical Sciences
Translational Systems Pharmacokinetic Models of Novel Anticancer Biologics

Dhavalkumar Shah
Center for Protein Therapeutics
Elimination Mechanism for Antibody-Drug Conjugates (ADCs) with Higher DAR

Dhavalkumar Shah
Center for Protein Therapeutics
Understanding and Characterizing the Bystander Effect for Antibody-Drug Conjugates

Robert Bies
Trustees of Indiana University
The Efficacy and Safety of a Selective Estrogen Receptor Beta Agonist

Silem Bihorel
PhRMA Foundation
Systems Pharmacological Approach to Support Novel Drug Sequencing to Overcome Laptatinib Resistance in HER2 Positive Breast Cancer

Javier Blanco
Eunice Kennedy Shriver National Institute of Child Health and Human Development
Characterization of Cardiac Mitochondrial DNA in Donors with Down Syndrome

Javier Blanco
National Institute of General Medical Sciences
Contribution of CBRs and AKRs to the Pharmacodynamics of Anthracycline Drugs

Donald Mager
Institut de Recherches Servier
Translational PKPD of Biologics

Donald Mager
F. Hoffman-LaRoche
Mechanistic Modeling in Hematology to Systematically Explore Factors Contributing to Differences in anti-CD20 Therapy Outcomes and to Inform Optimal anti-CD20 Combination Strategies

Donald Mager
EMD Serono Research and Development
Institute Incorporated PBPK Model Development for Antibodies and Nanobodies Displaying pH-Dependent Target Binding

Donald Mager
Center for Protein Therapeutics
Quantitative Structure-Absorption Relationships (QSAR) of mAbs

Marilyn Morris
Center for Protein Therapeutics
Evaluation of mAb Brain Disposition in Alzheimer’s Disease

Marilyn Morris
National Institute on Drug Abuse
Inclusion of ‘Tissue Target Dynamics’ in Minimal PBPK Models for mAb PK/PD Assessment

Marilyn Morris
National Institute on Drug Abuse
Diversity Supplementation: Gamma-Hydroxybutyrate: Toxicokinetics, Toxicodynamics and Treatment Strategies

Marilyn Morris
National Institute on Drug Abuse
Evaluation of the Role of Renal Clearance and Metabolism in the Altered Pharmacokinetics of IgG in Diabetes Mellitus

Marilyn Morris
National Institute on Drug Abuse
Sustained PK/PD Biomarker Release after Reversible Combination Strategies

Marilyn Morris
National Institute on Drug Abuse
Rapid, Selective, Sensitive and Extensive Characterization and Quantification of Antibody-Drug Conjugate to Support PK Studies

Julie Qu
Merrimack Pharmaceuticals
Incorporated
Comprehensive Quantitative Analysis of Liposome-bound Plasma Proteins

Murali Ramanathan
National Multiple Sclerosis Society
Lipoprotein and Lipid Metabolism in Multiple Sclerosis Disease Progression

Dhavalkumar Shah
NYS Department of Economic Development
Center for Advanced Technology in Biomedical and Bioengineering

Dhavalkumar Shah
National Institute of General Medical Sciences
Translational Systems Pharmacokinetic Models of Novel Anticancer Biologics

Dhavalkumar Shah
Center for Protein Therapeutics
Elimination Mechanism for Antibody-Drug Conjugates (ADCs) with Higher DAR

Dhavalkumar Shah
Center for Protein Therapeutics
Understanding and Characterizing the Bystander Effect for Antibody-Drug Conjugates

UB School of Pharmacy and Pharmaceutical Sciences Annual Report ▲ 2014 – 2015
Pharmaceutical Sciences (Continued)

Dhavalkumar Shah
Center for Protein Therapeutics Development of Translational Physiologically-Based Pharmacokinetic (PBPK) Model for Antibody-Drug Conjugates (ADCs)

Robert Straubinger
Trustees of Columbia University Optical Imaging of Chemotherapy for Brain Tumors

Robert Straubinger
Merck Pharmaceuticals Incorporated MM2015: Pancreatic Cancer Therapy with Novel Nanoparticle Agents Testing

Therapy with Novel Nanoparticle Agents Testing

Gene Morse
Brigham and Women's Hospital ACTG Pharmacology Specialty Laboratory

Gene Morse
Brigham and Women's Hospital AIDS Clinical Trials Group: Precautionary and Prohibited Medications Database

Gene Morse
Fogarty International Center Antiretroviral Pharmacology Training in Resource Poor Countries

Gene Morse
Fogarty International Center Antiretroviral Pharmacology Training in Resource Poor Countries - Administrative Supplement

Gene Morse
University of Rochester Center for Human Experimental Therapeutics

Gene Morse
University of Rochester University of Rochester HIV/AIDS Clinical Trials Unit

Gene Morse
Erie County Medical Center New York State Adherence Program

Robert Straubinger
UB CTRC, Translational Pilot Studies Fund Biomarkers for Detection of Treatment Response and Disease Recurrence in Pancreatic Cancer

Robert Straubinger (Co-I)
National Institute of Biomedical Imaging and Bioengineering Light-Triggered Drug Release in Primed Pancreatic Tumors

Ying Xu
Tetra Discovery Partners SBIR: PDE4B Inhibitors for Treating Major Depression

Ying Xu
American Association of Colleges of Pharmacy Targeting PDE2 to Treat Memory Loss Associated with Alzheimer’s Disease

Ying Xu
UB Vice President for Research and Economic Development IMPACT: Identification of PDE4A as a Target for Treating Memory Impairment

Pharmacy Practice

Edward Bednarczyk
New York State Department of Health SUNY/NYSDoH Pharmacy Collaborative Medicaid Initiative

Alice Ceacareanu
NY State Department of Health Community Pharmacists Trained in Pharmaceutical Care for Cancer Survivors

Alice Ceacareanu
Health Research Incorporated Epidemiology of Breast Cancer Subtypes in African American Women: A Consortium-Project 4

David Jacobs
Astellas Pharma Global Development Incorporated A Multicenter Characterization of the Treatment of Candiduria

Scott Monte
Health Foundation for Western and Central New York Improving Safe Medication Use in Elders Living in Rural Settings

Gene Morse
National Institute of Allergy and Infectious Disease Clinical Pharmacology Quality Assurance and Quality Control

Gene Morse
University of Rochester Units for HIV/AIDS Clinical Trials Networks

Gene Morse
Erie County Medical Center Ryan White IIIb Program - Treatment Adherence Grant

Gene Morse
University of Rochester University of Rochester Clinical and Translational Science Institute

Gene Morse
Erie County Medical Center Women, Infants, Children and Youth Healthcare

Gene Morse (Mentor)
University of Rochester University of Rochester for AIDS Research-Pharmacokinetics and Immunodynamics of Multi-Model Nanoparticles for TB

Gene Morse (Co-I)
National Institute of Allergy and Infectious Disease Pharmacokinetics and Immunodynamics of Multimodal Nanoparticles for HIV and TB

Gene Morse (Co-I)
Abbvie Intrahepatic ABT450 Concentration in Preclinical Models

Gauri Rao
Wayne State University Optimizing Clinical Use of Polymyxin B: Teaching an Old Drug to Treat Superbugs

Kathleen Tornatore
Astellas Scientific and Med Affairs Incorporated Influence of Race, Sex, and ABCB1 Haplotypes on Tacrolimus (Prograf) Pharmacokinetics and Adverse Effects in Stable Renal Transplant Recipients

Brian Tsuji
National Institute of Allergy and Infectious Disease Novel PK/PD Strategies for Polymyxin Combinations against Gram-negative Superbugs

Brian Tsuji (Co-I)
National Institute of Allergy and Infectious Disease Persistent H. influenzae in COPD - Virulence, Vaccines and Antibiotic Resistance

New Technology

<table>
<thead>
<tr>
<th>Invention Disclosure</th>
<th>Faculty Member</th>
</tr>
</thead>
<tbody>
<tr>
<td>HyperHis Platform for Enhancing FcRn Binding Kinetics</td>
<td>Balthasar, Joseph</td>
</tr>
<tr>
<td>Novel Software-Implementable Method for Modeling Patient Adherence Patterns in Drug Dosing</td>
<td>Ramanathan, Murali</td>
</tr>
<tr>
<td>Methods for Indentifying an Increased Risk of Anthracycline-Related Cardiotoxicity (City of Hope)</td>
<td>Blanco, Javier</td>
</tr>
<tr>
<td>Description of Novel Method for Encapsulating Cells and Fixing Them Into an Array</td>
<td>Nguyen, Juliane</td>
</tr>
</tbody>
</table>
**Scholarship**

Pursuing innovation, identifying solutions and presenting results to enhance the local, national and international leadership of SUNY, UB and the SPPS.

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**Intellectual Contributions**  
**July 1, 2014 - June 30, 2015**

**Pharmaceutical Sciences**

**BALTHASAR, JOSEPH P.**


**BALU-IYER, SATY V.**


**BIES, ROBERT R.**


**BLANCO, JAVIER G.**


JUSKO, WILLIAM J.


KRZYZANSKI, WOJCIECH


MAGER, DONALD E.


MORRIS, MARYLINV.


O'DONNELL, JAMES M.


QU, JUN


RAMANATHAN, MURALI


Pharmacy Practice

ALBANESE, NICOLE P.

CEACAREANU, ALICE C.


FUSCO, NICHOLAS M.


JACOBS, DAVID M.


MA, QING


MEANEY, CALVIN J.


MORSE, GENE D.


PALADINO, JOSEPH A.


PRESCOTT, GINA M.


PRESCOTT JR., WILLIAM A.


RAO, GAURI G.


TORNATORE, KATHLEEN M.


TSUJI, BRIAN T.


WOODRUFF, ASHLEY E.

Special Honors for Faculty and Staff

Morse Named SUNY Distinguished Professor

Gene Morse was named a 2014-15 SUNY Distinguished Professor, the highest faculty rank in the SUNY system. This distinction was given in recognition of his international leadership in the field of HIV pharmacology research, establishment of the National HIV TDM Registry for protease inhibitors, and development of a pharmacology laboratory for the National Institutes of Health-funded AIDS Clinical Trials Group. He is a founding leader of the SUNY Global Health Institute, global leader in assessing the pharmacokinetics of new infectious disease medications and has established a highly successful antiretroviral pharmacology training program at the University of Zimbabwe.

Rebecca Brierley, assistant dean, office of external affairs, appointed Secretary of the American Association of Colleges of Pharmacy Administrative Section.

Alice Ceacareanu, assistant professor, pharmacy practice, received the United University Professions (UUP) Professional Development Award from the University at Buffalo UUP Health Sciences Chapter.

Karl Fiebelkorn, senior associate dean, clinical associate professor, pharmacy practice, was elected as the Director of Public Policy, Board of Directors, of the Western Chapter New York State Council of Health-system Pharmacists (WNYSHP).

Carolyn Hempel and Scott Monte, clinical assistant professors, pharmacy practice, recipients of the 2015 School of Pharmacy and Pharmaceutical Sciences Teachers of the Year award.

Marilyn Morris, UB Distinguished Professor and vice chair, pharmaceutical sciences, recipient, 2015 American Association of Pharmaceutical Scientists Innovation in Biotechnology Award. The award was based on strength and impact of abstract submission that can be adapted by the biotechnology field in a significant manner.

Gene Morse, SUNY Distinguished Professor, leading the University at Buffalo team, received acceptance as Center of Excellence in Antiviral Clinical Pharmacology by the Global Virus Network (GVN) Scientific Review Board. The GVN is a coalition of the world’s leading medical virologists, where global scientific teams focus on key problems leading to the formation of Centers of Excellence. This effort demonstrates the strength of the UB HIV and HCV Clinical Pharmacology Laboratory as an internationally recognized leader in antiviral pharmacology and therapeutics.

Kathleen Tornatore-Morse, professor, pharmacy practice, was designated a Fellow of the American Society of Transplantation (FAST). The FAST designation recognizes AST members who have demonstrated both an exceptional commitment to the field of transplantation and outstanding service to the AST.

William Prescott, clinical associate professor, pharmacy practice, recipient, 2015 UB Teaching Innovation Award. Established to honor exceptional educational pedagogy, recognizes faculty who have contributed significantly to engaging students with new methods and approaches to teaching while also enhancing student learning-outcomes.

Sara Robinson, academic advisor and assistant director Office of Admissions and Advisement, recipient of 2015 Outstanding Academic Advising Award from the UB
Undergraduate Advisement Council. Awardees embody the mission and spirit of academic advising at UB.

**Dhavalkumar Shah**, assistant professor, pharmaceutical sciences, recipient of the 2014 Outstanding Manuscript Award in Modeling and Simulation by the American Association of Pharmaceutical Scientists. Dhaval co-authored the manuscript: *Bench to Bedside Translation of Antibody Drug Conjugates Using a Multiscale Mechanistic PK/PD Model: A Case Study with Brentuximab-Vedotin.*

**Robert Wahler**, clinical assistant professor, pharmacy practice, recognized as a Certified Pain Educator (CPE) by the American Society of Pain Educators and is the only certified educator in Western New York. Dr. Wahler also received the 2015 School of Pharmacy and Pharmaceutical Sciences Pharmacy Practice Faculty Preceptor of the Year award.

**Ashley Woodruff**, clinical assistant professor, pharmacy practice, recipient of the 2015 American Association of Colleges of Pharmacy, Teacher of the Year award.

**Ying Xu**, research assistant professor, pharmaceutical sciences, recipient of the 2015 American Association of Colleges of Pharmacy New Investigator Award. This award provides $10,000 in support of Dr. Xu’s research proposal *Targeting PDE2 to Treat Memory Loss Associated with Alzheimer’s Disease.*
An annual report is intended to detail and sum up what has happened in the past year. On the following pages, we focus on key strides and successes in securing philanthropic support for our school.

At the same time, this report also provides an opportunity to reflect on the larger purpose of what we’re summing up – in this case, why the generosity of our alumni and friends is so vital, and what it does for our faculty and students.

The School of Pharmacy and Pharmaceutical Sciences, and especially our students, would not be what we are today – as demonstrated by what you see on every page of this annual report – without philanthropic support.

During the last fiscal year, endowed scholarships and fellowships generated $355,189 for our students. Without the gifts over the years that created these funds, we would simply not be able to offer this type of assistance.

More broadly, the school would not be as strong as it is today without the tremendous investment of our donors. Without scholarship support, fewer UB Pharmacy students would thrive academically, and fewer top graduate prospects would choose to attend our school.

That is just one example – although a very important one – of why private support is so important. I can say without exaggeration that we depend on private philanthropy to ensure continued excellence in our core missions of teaching, research, and outreach. With that said, I am happy to report that 2014-15 was a good year for private support. Highlights include a 31% increase in the size of alumni gifts to the school – from $484 to $635; a 10% increase in the number of $1,000+ gifts – from 94 to 105; and a 4% increase in total philanthropic commitments to the school – from $1,996,934 to $2,068,257.

We take pride in acknowledging all of our supporters in the Donor Honor Roll beginning on page 28 of this report. On the following pages, we would like you to meet two of them – Allen Barnett (right) and Heather Ackley ‘62, (page 34) – and the students that their gifts will support.

I want to thank every person who made a gift in the past year. You keep the UB Pharmacy reputation strong and allow us to continue to serve as a leading pharmacy school for the next generation.

James M. O’Donnell, PhD
Professor and Dean
**ONE OF ALLEN BARNETT’S MANY CONTRIBUTIONS** to UB is the fellowship he established in the School of Pharmacy and Pharmaceutical Sciences and in the medical school, where he earned a PhD in pharmacology in 1965.

Barnett Fellowships are awarded to outstanding graduate students pursuing PhDs in areas related to drug discovery and development in either school.

Since retiring from the pharmaceutical industry, Barnett has been an adjunct faculty member in pharmacology and toxicology in UB’s medical school, a member of the Deans Advisory Council in the SPPS and an advisor to UB’s Office of Science, Technology Transfer and Economic Outreach, which helps researchers turn discoveries and inventions into products and services.

He has additional connections to Buffalo and UB as president emeritus of Athenex, an international drug development company that grew out of the UB-based startup Kinex Pharmaceuticals, which he headed for several years.

As a senior executive in drug discovery for Schering-Plough, Barnett managed programs for the allergy drug Claritin, which became the fifth-leading drug in the world, based on sales; Zetia, a novel cholesterol-lowering agent introduced in 2002; Doral, a sedative-hypnotic drug; and Clarinex, the successor to Claritin.

Shunxi Lin conducts research focused on developing monoclonal antibodies (mAbs) for the treatment of certain bacterial infections. The emergence of antibiotic resistant bacteria, the paucity of new antibiotics, and the detrimental effects of broad-spectrum antibiotics on a healthy microbiome give urgency to the search for pathogen-specific antibacterials. Lin is working on developing mAbs against antibiotic-resistant Acinetobacter baumannii and the oral pathogen Treponema denticola. He hypothesizes that antibacterial mAbs his lab is developing will render these superbugs less pathogenic and enhance clearance of the bacteria by host immune systems. He is testing the efficacy of several mAb candidates against clinical isolates both in vitro and in animal models. He expects to complete his research and his degree by the end of 2017.

Lin, who comes from Fujian, China, and has many relatives living in New York City, has been a student at the School of Pharmacy and Pharmaceutical Sciences for eight years. He transferred to Buffalo after a year of undergraduate study at City College of New York on the advice of a professor who told him that if he wanted to work in drug development – at the time Lin was interested in cancer drugs – he should be at UB. He calls the school “fantastic,” and says that Drs. Fung and Balthasar have been wonderful mentors.

Lin’s long-range ambition is to have his own lab so that he can follow his own ideas, probably in an academic setting or a small pharmaceutical company. But first he’ll be looking for a position in an industry lab – somewhere like Genentech or MedImmune – working on antibody therapies.

He will use the Barnett Fellowship funds to buy more reagents for his research and for travel to the 2016 American Association of Pharmaceutical Sciences meetings.

Robert Jones came to the school from San Diego after earning a BS in chemistry and biological sciences at the University of California, Irvine and then, on the suggestion of an undergraduate advisor, working for two years as an analytical chemist for a pharmaceutical company. Both his parents were pharmaceutical scientists with Merck, so that world was familiar.

When it was time to choose a graduate school, Buffalo’s strength in computational sciences was attractive. Now in the third year of his doctoral studies working on drug transporters in Marilyn Morris’s laboratory, Jones is preparing to defend his recently submitted research proposal. Then he’ll spend two to three years conducting the research.

Jones’s investigation concerns Monocarboxylate Transporter 6 (MCT6), which has recently been recognized for its role as an absorptive drug transporter. Primarily expressed in the human kidney and intestine, its localization resides at major sites of drug absorption and clearance. However, the significance of MCT6 interactions, its substrate specificity, and functional characterization remain largely unknown, classifying MCT6 as an “orphan” transporter. His study seeks to determine MCT6 substrate specificity and functionality through in silico, in vitro, and in vivo approaches.

Last year, in addition to the Barnett Fellowship, Jones received a PhRMA Foundation Predoctoral Fellowship. He is excited that he can use the funding to support his research with top-of-the-line equipment – he has the Barnett funds earmarked for a particular software package. Jones was also named Outstanding Teaching Assistant of the year.

Jones would spend 24 hours a day on his research if he could – “because it’s exciting.”
This report includes donors who made gifts and planned gift commitments between July 1, 2014, and June 30, 2015. Every effort has been made to ensure the accuracy of the information. In the event of an error or omission, please contact the development office at 716-645-3432 so that we may update our records.

KEY

- Willis G. Gregory Society: $1,000 & above
- 1886 Club: $500 – $999
- Mortar and Pestle Club: $250 – $499
- Century Club: $100 – $249

This report includes donors who made gifts and planned gift commitments between July 1, 2014, and June 30, 2015. Every effort has been made to ensure the accuracy of the information. In the event of an error or omission, please contact the development office at 716-645-3432 so that we may update our records.
THE HAYES SOCIETY
THE HAYES SOCIETY HONORS INDIVIDUALS WHO HAVE MADE LEGACY GIFTS TO THE SCHOOL OF PHARMACY AND PHARMACEUTICAL SCIENCES THROUGH A BEQUEST OR OTHER METHOD OF DEFERRED GIVING.

THE CLASS OF 1976
Willis G. Gregory Society
Michael Jay
Hank Kung
Ed McNiff
Mario Rocci Jr.
Mortar and Pestle Club
David Pysz
Century Club
Kathleen Cubera
Karen Vitacolonna Falk
Allen Rosman
Daniel Winters
Loyalty Club
Beth Resman-Targoff

CLASS OF 1977
Willis G. Gregory Society
Susan Jay
Richard Morrison
1886 Club
Sum-Yee Woo
Century Club
Vincent Andolina
Wing Lun
Susan Rozek

Loyalty Club
Judith Augst
Kenneth Tat-Chiu Cheng
Paul Corey
Felicia Czekaj
Mary Ann Hallenbeck
Maria Kelly
Jill Smith-Luer
Jacob John Utzig
CLASS OF 1978
Willis G. Gregory Society
Karl Fiebelkorn
Arvela Heider
George Lasezkay
Mortar and Pestle Club
Suzanne Castine
Century Club
Susan Rozek
Bruce Sakowitz
Loyalty Club
Rosemarie Burgholzer
June Johnson
Kenneth Nantka
Mary Nufryk
CLASS OF 1979
Willis G. Gregory Society
Cindy Bennes
Don Daly
Lynn Daly
Karl Donn
Tina Fiebelkorn
Kathryn Lyons
1886 Club
Christopher Oravetz
Mortar and Pestle Club
John Pieper
Century Club
Susan Bancroft
Margaret Johnson
CLASS OF 1980
Willis G. Gregory Society
Kenneth Dow
Gene Morse
Mortar and Pestle Club
Kathleen Mrozinski
Thomas Streeter
Century Club
Thomas Engle
Peter Illig
Sandra Schifano
Loyalty Club
Judith Augst
Peter Chakos
Diana Clarke
James Fitzgerald
Geoffrey Hill
Sheyril Liedtke
Patricia Palumbo
Margaret Szalkowski
Thomas Szalkowski
Patricia Ziegler
Sandra Zukoski
CLASS OF 1981
Willis G. Gregory Society
Mary Anne Dannenhoffer
Joseph Dunn
Stephen Giroux
Elizabeth Ludwig
Walter Ludvig
Mario Rocci Jr.
Mark Stramaglia
Kathleen Tomatore
Century Club
Steven Chao
Eugene Hughto
Thomas Lovecchio
Ronald Schifano
Loyalty Club
Donna Carr
Mark Costanza
Gregory Kriel
Barry Martin
William McSkimming
Mary Priscilla Sedgwick
CLASS OF 1982
Willis G. Gregory Society
Mark Celeste
Paul Ferris
Thomas Madejski
Margaret McGlynn
Century Club
Karen Brim
Marcia Helen Goldstein
Michael Perlman
CLASS OF 1983
Willis G. Gregory Society
Joseph Balwierzczak
Diane Bassanello
Henry Coleman
James Ermer
Ed McNiff
Richard Morrison
Gene Morse
Alfonse Muto
John Rodgers
1886 Club
Mark Sinnett
Mortar and Pestle Club
N. Chris Nwankwo
Century Club
Harvey Lisch
Loyalty Club
Barbara Fingar
Donald Fleming
Renee Fleming
CLASS OF 1984
Willis G. Gregory Society
James Baxter
James Daly, Jr.
Arvela Heider
Elisabeth Ludwig
Marilyn Morris
Rachel Smith
Thomas Smith
Mortar and Pestle Club
Edward Bednarczyk
Theresa Bianco
Century Club
Matthew Buehler
Susan Fagan
William Malenga
Loyalty Club
Gregory Chase
Thomas Piscitelli
CLASS OF 1985
Willis G. Gregory Society
Mary Anne Dannenhoffer
1886 Club
Mark Sinnett
Mortar and Pestle Club
Jeanette Altavela
Loyalty Club
George Allen
Najib Babul
Christopher Jadoch

To learn more or to notify the school of a legacy gift that you have planned, please call the Office of Philanthropy and Alumni Engagement at 716-645-3432 or visit our web site at pharmacy.buffalo.edu.
CLASS OF 1987 cont.
Loyalty Club (continued)
Pamela Jadoc
Christy Jordan
Timothy Urschel

CLASS OF 1988
Willis G. Gregory Society
James Ermer
Salvi Parpia
James Tisdale
Century Club
Andrea Hess
Providence Morris
Stephen Clement Piscitelli
Elaine Soldi
Craig Straley
David Tober
Suzanne Tober
Loyalty Club
Michelle Callahan
Lisa Cragle
Leroy Hanchett
Victor Lucci

Century Club
Catherine Reinard
Joseph Saseen
Loyalty Club
Paul Badore
Ingrid Johnson-Knight
Connie Langley
Khanh Nguyen
Terri Ann Pierino

CLASS OF 1993
Mortar and Pestle Club
Jeanette Altavela
Century Club
Deborah Bueling
Ronald Sykowski
Loyalty Club
Steven Abel
Aaron Burstein
Susan Hoynowski
Theresa Nguyen
Paula Weibel

CLASS OF 1994
1886 Club
Varun Garg
Century Club
Joseph Saseen
Loyalty Club
Moijeh Mozayani

CLASS OF 1995
Century Club
Jamie Belcastro
Linda Elbers
Jon MacFadden
Loyalty Club
Suzanne Julian Bischoff
Steven Conrad
Courtney Guollo
Shrikumar Nair
Alicia Thompson

CLASS OF 1996
Century Club
Mohammad Tabrizi
Doanh Tran
Kristin White
Loyalty Club
Julie Joyce
Jeanine Thompson

CLASS OF 1997
Mortar and Pestle Club
Sheila Beurket
Century Club
Jack Lai
Pauline Lai
Haijing Mei
Loyalty Club
Mindu Magee
Renee Sabin-Haggerty

CLASS OF 1998
Century Club
Sandeep Dutta
Erica Givens
Patricia Heary
Loyalty Club
Boakhoi Bui
Lucy Grad
Michael Koncilja
Julie Taylor
Joy Wagner

CLASS OF 1999
Mortar and Pestle Club
Althia Hamilton
Lonny Winter
Century Club
Stanley Au
Carrie Kennett
Haijing Mei
Chumhung Wong
Loyalty Club
Maria Dybala
Mindy Magee
Pui Shan Tai
Keith Wagner

CLASS OF 2000
Century Club
Stanley Au
Carrie Kennett
Loyalty Club
Maria Dybala
Maria Nespeca
Christie Pokryczynski
Keith Wagner

CLASS OF 2001
Willis G. Gregory Society
Jean Jacob
Century Club
Kenneth Sansone
Loyalty Club
Anne Huselstein

CLASS OF 2002
Willis G. Gregory Society
Peter Brody Jr.
Claudette Oyeiku
Mortar and Pestle Club
Jeffrey Scott
Century Club
Nadine Odiit
Tyrone Smith-Strutz
Loyalty Club
Amit Garg
Cheryl Haag
Jonathan Lamping
Nathanali Turk

CLASS OF 2003
Century Club
Cindy Cheng
Johnny Hung
Loyalty Club
Joy Wagner

CLASS OF 2004
Mortar and Pestle Club
Heather Marie Bissell
Loyalty Club
John Chang
Kimberly Henry

CLASS OF 2005
Century Club
Lynn Carlson
SoSum Chack
Katherine Juba
S. Michael Milazzo
Doanh Tran
Loyalty Club
Karen Wailand Conrad
Christie Fries
Roseane Santos
Melinda Williams

CLASS OF 2006
Loyalty Club
Cindy Bednasz

CLASS OF 2007
Willis G. Gregory Society
Matthew Kosloski
Richard Lin
Century Club
Navind Odiit
Tyler Smith-Strutz
Loyalty Club
Amit Garg
Cheryl Haag
Jonathan Lamping
Nathanali Turk

CLASS OF 2008
Willis G. Gregory Society
Pui Yi Tam
Mortar and Pestle Club
Rachel Peer
Thomas Walsh
Century Club
Raymond Chan
Loyalty Club
Kaela Keluskar
Tomasz Oszczypala

CLASS OF 2009
Willis G. Gregory Society
Alyssa Murphy
Mortar and Pestle Club
Lisa Smith

Century Club
Shannon Rotolo
Shweta Urva
Loyalty Club
Amy Hall

CLASS OF 2010
Willis G. Gregory Society
Peggy Lee
Dong Liu
Century Club
Nicholas Falco
Loyalty Club
Victoria Adams
Sarah Krypel

CLASS OF 2011
Loyalty Club
Kate Knox
Sarah LaFalce

CLASS OF 2012
Willis G. Gregory Society
Christopher Daly
Xiling Jiang
Century Club
Jeffrey Balsam
Cecilia Chan
Maria Landicho
Loyalty Club
Christina Behney
Andrew Shick
Amy Wojciechowski
Xiaoyu Yan

CLASS OF 2013
Century Club
Matthew Kosloski
Jason Lee
Loyalty Club
Scott Coon
Emily Krecko
Stephen Wolff

CLASS OF 2015
Loyalty Club
Zackery Bulman
Caitlin Hoar
Samuel Kim
Wesley Kufel
Nicholas Luzziak
Paul Lupano
Jinhee Park
Kelly Ross
Madeline Waldron
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Air Products Foundation
Brigita Alks
American Association of Colleges of Pharmacy
American Diabetes Association
American Foundation for Pharmaceutical Education
American Heart Association
Wayne and Lorraine Anderson
Allen and Mary Lou Barnett
Marlene Bickel
Dan Brazeau
Eri Brody
CCS Oncology
CPL Associates, L.L.C.
CVS Caremark Charitable Trust, Inc.
Cognigen Corporation
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D3 Medicine
Daiichi Sankyo Pharma Development, Inc.
Daiichi Sankyo Pharama Development, Inc.
Heidi Daly
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Robin DiFrancesco
JoAnn Donn
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Exelixis Inc.
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HONORARY AND MEMORIAL GIFTS
In Memory of X. Dave ’49 and Lois D’Ambrosio
Cindy Bedanz ’06
Tad D’Ambrosio
Robin DiFrancesco
William ’65, ’70 and Margaret Jusko
Gene Morse ’80, ’83 and Kathleen Tornatore ’81
Michael and Colleen Robinson
In Memory of Alexander Aversano ’63
Anthony and Camille Passarella
In Memory of Thomas J. Bardos
Vitaus ’61, ’64, ’74 and Brigita Alks
Wayne and Lorraine Anderson
Bruce ’82 and Judith Auungst ’77, ’80
Maria Bardos

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Akron Pharmacy
CMG Pharmaceuticals, Inc.
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The Ellicottville Pharmacy
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Michael Cubera
The Horizon Foundation for New Jersey Matching Gifts Program
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Jason Thompson

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Walgreens
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Wenzhou People’s Hospital
Woodmark Pharmacy
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1886 CLUB
Untae and Priscilla Kim
Cindy Konovitz
Colleen Marotta
Mobile Pharmacy Solutions
Pharmacists’ Association of Western New York
Pharmacy Society of Rochester
Woodmark Pharmacy of New York

In Memory of Samuel Bursuck ’34
Bonnie Tangalos
In Memory of Lori Esch ’97
Bernhard ’61 and Coraline Esch
In Memory of Roger Mantzavinos
Helen White
In Honor of Professor Alfred Reiman ’98
Paul Lupano ’15
In Memory of Brian Weibel ’97
Paula Weibel ’93

In Memory of Alexander Aversano ’63
Anthony and Camille Passarella
In Memory of X. Dave ’49 and Lois D’Ambrosio
Cindy Bedanz ’06
Tad D’Ambrosio
Robin DiFrancesco
William ’65, ’70 and Margaret Jusko
Gene Morse ’80, ’83 and Kathleen Tornatore ’81
Michael and Colleen Robinson
In Memory of Alexander Aversano ’63
Anthony and Camille Passarella
In Memory of Thomas J. Bardos
Vitaus ’61, ’64, ’74 and Brigita Alks
Wayne and Lorraine Anderson
Bruce ’82 and Judith Auungst ’77, ’80
Maria Bardos

Dennis Bogyo ’75 and Luana Goodwin ’71
Deborah Campbell ’74
David ’75 and Jane Chu ’75
The Chu Family Foundation
Henry Coleman ’83
Michael Darby ’80
Joseph Dunn ’81
Peter Forgach
William Glave ’70
Stephan and Arvela Heider ’78, ’84
Robert Hughes, Jr.
Arun and Jean Jain
Thomas Kalman ’68
Untae and Priscilla Kim
Hank Kung ’76

Gerhard and Rosalyn Levy
Suresh Marathe ’68
Smita Nayak ’60
James and Kimberly O’Donnell
James Panek ’79
Michael Perlman ’82
Elaine Ramesh ’84
Alan ’78 and Diane Schroeder
A. Jere and Elma Solo
Agnes Szekeres
Takeda Millennium Pharmaceuticals, Inc.
David and Ann Triggie ’68
Tarik Veysoylu ’75
Lorna Wong ’75
F. Christopher Zusi ’79

In Memory of Samuel Bursuck ’34
Bonnie Tangalos
In Memory of Lori Esch ’97
Bernhard ’61 and Coraline Esch
In Memory of Roger Mantzavinos
Helen White
In Honor of Professor Alfred Reiman ’98
Paul Lupano ’15
In Memory of Brian Weibel ’97
Paula Weibel ’93
ENDOWED STUDENT SCHOLARSHIP AND FELLOWSHIP SUPPORT

**AVERSANO-STROZZI SCHOLARSHIP FUND**  
Sara DelVecchio  
Madeline Waldron

“"I look forward to the day when I am in a position to help students in need, just as the Aversano family has done for me.”"  

**ROBERT M. COOPER SCHOLARSHIP FUND**  
Brittany Boland  
Adam Heiermann

“"As a pharmacist, I hope to make a difference in people’s lives just as the Crimaldi-Madejski scholarship has done for me.”"  

**CRIMALDI-MADEJSKI SCHOLARSHIP FUND**  
Nicolette DiBuduo  
DeAnna Nigro  
Angeline Walker

“"I am thankful for the Pamela M. Emerson Scholarship. Her generosity has helped make my educational goals a reality.”"  

**CVS SCHOLARSHIP FUND**  
Zackery Bulman  
Heather Grove  
Amanda Mogul  
Rebecca Nazaro  
Joseph Sperber

“"Thank you, RDC, for investing in my education. It will be instrumental in helping me become established as a pharmacist and independent owner.”"  

**PAMELA EMERSON SCHOLARSHIP FUND**  
Somang Chang  
Gao Chong  
Nicolette DiBuduo  
Shelby Janutol  
Erica Jeter  
Jing Jin  
Suo Karas  
Jacqueline Meaney  
Alyssa Moore  
Jennifer Murray  
Victoria Nachar  
Erica Orlowski  
Jinhee Park  
Saloni Patel  
Brittany Slocum

“"The Independent Health Scholarship has allowed me to commit more time to studying and to maintain my leadership roles in professional student organizations.”"  

**LYLE A. GRAVES SCHOLARSHIP FUND**  
Jessica Choi  
Keith Dolcy  
Adam Heiermann  
Maria Janda  
Alexander Keller  
Benjamin Kematick  
Sara Kim  
Nico Kostrzebski  
Wesley Kufel  
Eric Lenhard  
Karen Louie  
Bryan Mogle  
Andrew Newberg  
Tiffany Pan  
David Smith  
Thomas Steele  
Timothy Zablocki  
Alexander Zach  
Senbin Zhang

**HOCK-ACKLEY SCHOLARSHIP FUND**  
Laura Bielecki

**GERALD & KATHLEEN HOOLEY SCHOLARSHIP FUND**  
Brandon Wolski

**INDEPENDENT HEALTH SCHOLARSHIP FUND**  
Ahmed Abd-elrahman  
Caitlin Hoar  
Cristina Kowalczyk  
Samsad Pavel  
Nahid Zaman

**ROB B. COOPER SCHOLARSHIP FUND**  
Brittany Boland  
Adam Heiermann

**CRIMALDI-MADEJSKI SCHOLARSHIP FUND**  
Nicolette DiBuduo  
DeAnna Nigro  
Angeline Walker

**CVS SCHOLARSHIP FUND**  
Zackery Bulman  
Heather Grove  
Amanda Mogul  
Rebecca Nazaro  
Joseph Sperber

**PAMELA EMERSON SCHOLARSHIP FUND**  
Somang Chang  
Gao Chong  
Nicolette DiBuduo  
Shelby Janutol  
Erica Jeter  
Jing Jin  
Suo Karas  
Jacqueline Meaney  
Alyssa Moore  
Jennifer Murray  
Victoria Nachar  
Erica Orlowski  
Jinhee Park  
Saloni Patel  
Brittany Slocum

“"Thank you, RDC, for investing in my education. It will be instrumental in helping me become established as a pharmacist and independent owner.”"  

**PAUL JONES SCHOLARSHIP FUND**  
Lin Feng Guan  
Erica Ho  
Niveta Jeyakumar  
Brandon Wolski

**LYLE A. GRAVES SCHOLARSHIP FUND**  
Jessica Choi  
Keith Dolcy  
Adam Heiermann  
Maria Janda  
Alexander Keller  
Benjamin Kematick  
Sara Kim  
Nico Kostrzebski  
Wesley Kufel  
Eric Lenhard  
Karen Louie  
Bryan Mogle  
Andrew Newberg  
Tiffany Pan  
David Smith  
Thomas Steele  
Timothy Zablocki  
Alexander Zach  
Senbin Zhang

**HOCK-ACKLEY SCHOLARSHIP FUND**  
Laura Bielecki

**GERALD & KATHLEEN HOOLEY SCHOLARSHIP FUND**  
Brandon Wolski

**INDEPENDENT HEALTH SCHOLARSHIP FUND**  
Ahmed Abd-elrahman  
Caitlin Hoar  
Cristina Kowalczyk  
Samsad Pavel  
Nahid Zaman
I am sincerely grateful for the fellowship from the Kapoor Foundation. The support made it possible for me to pursue my PhD and to work in the field of antibody PKPD modeling and drug development.

Veena Thomas

For years I have been looking forward to practicing pharmacy and impacting the lives of many people. I am very grateful to the Panasci family for assisting me in achieving this goal.

Peter Fendt

Thanks to the Newton Scholarship, I can now work less during the school year and focus completely on my studies.

Corey Wells

For years I have been looking forward to practicing pharmacy and impacting the lives of many people. I am very grateful to the Panasci family for assisting me in achieving this goal.

Peter Fendt
Heather Ackley – Supporting the Future of Pharmacy

By the time Heather Ackley, BS ‘62, retired from the Women and Children’s Hospital of Buffalo outpatient pharmacy in mid-2015, there wasn’t much she hadn’t seen in her career – including, recently, young pharmacists with very high student debt.

That was a motivation in her decision this past year to endow a scholarship in the PharmD program, along with the appreciation of how well her family had fared through the decades as pharmacists with UB degrees.

The first Hock-Ackley Scholarship, named for her father and her late husband William Ackley, ‘62, was awarded this year to Laura Bielecki (see below).

Heather Ackley was practically a pharmacist by birth. Her father Albert Hock, BS ’30, owned Leroy Pharmacy on the corner of Leroy and Fillmore in Buffalo, so she’d grown up in the business before she enrolled in UB’s School of Pharmacy. An uncle and an aunt were pharmacists, as was a cousin. She married a pharmacist.

She and her husband, Bill, who she says always loved the retail business – loved being behind the counter – took over her father’s pharmacy in the city and operated it until 1995 when they sold to Rite Aid, long after the other merchants on what had been a thriving commercial intersection had followed their customers to the suburbs.

But the Ackleys had not been standing still. In the meantime, they’d been building a business providing prescription services for nursing home residents, starting with Lutheran homes on Buffalo’s East Side and eventually handling 2,000 beds in Erie and Niagara Counties. They sold that business to Omnicare in 1998, staying on for three years and then consulting in the field.

She says pharmacy has been a good profession for her because it was reliably steady – even during the Great Depression her father made a good income in the business – and because she’s been able to work in a variety of settings well into her 70s.

Both her father and her aunt and uncle were generous supporters of their school so Heather Ackley is following a family tradition with the gift that endows the scholarship in her family names.

Laura Bielecki – Getting Ready to be the Future of Pharmacy

From where high school student Laura Bielecki stood at her register in a checkout line in a Wegmans supermarket in Amherst, NY, she could watch what was happening in the store’s pharmacy.

It looked interesting so she applied for a job there. And it was interesting, so she applied to the School of Pharmacy and Pharmaceutical Sciences PharmD early assurance program for high school students.

After three years of undergraduate preparation at UB and a good performance on the PCAT, she was admitted to the PharmD program, and after completing a year of her pharmacy studies she was admitted to the joint PharmD-MBA program.

Today, Laura is a P2 (second-year PharmD student) with one year of pharmacy and one year of business school behind her. She is taking the health care concentration in her MBA program in order to prepare for a career in which managed care will be a key factor.

She’s already putting what she’s learned in business school to work as a teaching assistant for Professor Karl Fiebelkorn’s pharmacy courses.

Through the years of her progress toward the day in 2018 when she will finally step into the world with her PharmD in one hand and her MBA in the other, Bielecki has continued to work in Wegmans pharmacies.

It is her current ambition to stay with the company in a managerial position. But she knows that’s not a sure thing, even with her connections, in a job market that has become intensely competitive in just the five years since she started at UB.

Bielecki, who also received a Women’s Club of Columbia Pharmacy Sciences Fund scholarship this year, will use her Hock-Ackley scholarship to help pay her tuition.

As the inaugural holder of that scholarship, Laura Bielecki, on the basis of her performance to date, does look like a sure bet to make all her supporters proud.
Our alumni help to continue our proud tradition of advancing pharmacy education, advocacy, practice and research. Their dedication is vital to our mission.

The 2015 Annual Awards Ceremony gave distinction to alumni who contributed significantly to the field of pharmacy. 

**Joseph Sterman, ’52,** was the recipient of the Willis G. Gregory Memorial Award, named for our school’s fourth dean. It is the Alumni Association’s most prestigious award, given annually to an outstanding alumni pharmacist who personifies the ideals of service, integrity, and who, in the eyes of his or her associates, personifies the profession of pharmacy.

**Michael Ghobrial, ’09,** received the Orville C. Baxter Memorial Professional Practice Award, named in honor of a long-standing faculty member who was extraordinarily dedicated to the professional practice of pharmacy. This annual award is given to recognize an outstanding practicing alumni pharmacist who demonstrates high ideals of professionalism and whose practice demonstrates genuine concern for patients.

The Rochester Chapter of the UB Alumni Association recognized **Christopher D. Diehl, ’12,** as their inaugural Young Alumni Award recipient during the UBAA Rochester Chapter Annual Awards Ceremony. This award recognizes young alumni who have a successful career path and ambitious personality, and who demonstrate leadership in the workplace.

The 2015 Student Scholarship Golf Tournament was attended by more than 100 golfers and raised over $21,000 for scholarships, which are awarded to students with academic merit. Throughout the 2014-2015 academic year, alumni enriched our students’ education with their wisdom through panel discussions, precepting and guest lecturing.

Our 2014 Reunion welcomed many alumni back to campus. The activities kicked off with a key note presentation entitled Angiogenesis as a Target for Recovery After Stroke by Susan Fagan, ’84, assistant dean, Georgia Regents University and a continuing education program on Self Care by Erin Slazak, ’04, clinical assistant professor, pharmacy practice. These were followed by an energetic tailgate party and UB Bulls football game. The weekend wrapped up on Buffalo’s waterfront at our All-Alumni Reception at Templeton Landing.

Over 150 alumni, friends, faculty and students attended the 2014 American Society of Health Systems Pharmacists Mid-Year Alumni and Friends Reception in Orlando, FL. This annual event offers colleagues a dynamic way to reconnect.

The alumni association plays an important role in supporting our students and keeping our alumni informed and connected to each other and the school.

The 2016 reception will be held in Las Vegas—we hope to see you there!

The Alumni Association hosted the 2015 graduating PharmD class as they celebrated their graduation at the Hotel Lafayette in downtown Buffalo. Dean James O’Donnell and Senior Associate Dean Karl Fiebelkorn recognized students for their academic achievements and philanthropic contributions to the school. Class officers offered comments to their classmates and honored Joshua Sawyer, clinical assistant professor, pharmacy practice, with the Class of 2015 Faculty Recognition Award.
The support to achieve our goals, the security to reach for the future, and the impetus for creativity are allowed through our well-positioned financial portfolio.
Our school-wide committees give governance and oversight to our school. The structure, composition, and charges of the school's standing committees are prescribed in the bylaws of the School of Pharmacy and Pharmaceutical Sciences.

### School-Wide Committees

#### Admissions Committee
- Jennifer Hess (Chair), Javier Blanco, Holly Coe, Karl Fiebelkorn, Irene Hong
- Support: Sara Robinson, Mark Sauberan, Christine Stumm

#### Assessment Committee
- Fred Doloresco (Chair), Nicole Albanese, Kathleen Boje, Pete Brody, Karl Fiebelkorn, Jennifer Hess, Wojciech Krzyzanski, Marsha Nelson, William Prescott, Murali Ramanathan, Mark Wrobel, Mary Wurm-Schaar
- Rebecca Martin (P2), Brenda Basile (P3), Nicholas Ladziak (P4)

#### Curriculum Committee
- Nicole Albanese (Chair), Kathleen Boje (non-voting), Pete Brody, Deborah Chiarella (non-voting), Fred Doloresco, Karl Fiebelkorn, Donald Mager, William Prescott (non-voting), Murali Ramanathan, Erin Slazak, Christine Stumm (non-voting), Robert Wahler, Ashley Woodruff, Mark Wrobel
- Rebecca Martin (P2), Brenda Basile (P3), Nicholas Ladziak (P4)

#### Executive Committee
- James O'Donnell (Chair), Joseph Balthasar, Edward Bednarczyk, Kathleen Boje, Rebecca Brierley, Karl Fiebelkorn, Jennifer Hess, William Jusko, Cindy Konovitz, Candise Morris, Marilyn Morris, William Prescott, Leigh Yates
- Karen Dallas (recording secretary)

#### Research Committee
- Joe Balthasar (Chair), Alan Forrest, Marilyn Morris, Gene Morse, Dhaval Shah, Robert Straubinger, Brian Tsuji

#### Safety Committee
- Cindy Konovitz (Chair), Robert Chau, Vicki Rink, Lee Zak

#### Student Academic Affairs Committee
- Karl Fiebelkorn (Chair), Nicole Albanese, Joseph Balthasar, Kathleen Boje, William Prescott

#### Scholars Committee
- Nicolas Norgard (Chair), Ed Bednarczyk (Co-Chair), Joseph Balthasar, Jennifer Berryman, Peter Brody, Fred Doloresco, Gina Prescott, William Prescott, Christine Stumm

#### Tenure and Promotion
- James O'Donnell (ex-officio), William Jusko (Co-Chair), Gene Morse (Co-Chair), Marilyn Morris, Robert Straubinger, Kathleen Tornatore-Morse

### Dean's Advisory Council

- **Mario Rocci, Jr., ’76, ’81**
  - DAC Chair
  - President, IDS Division
  - ICON Development Solutions, LLC
- **Allen Barnett, ’65**
  - President Emeritus
  - Kinex Pharmaceuticals, LLC
- **James Baxter, ’84, ’90**
  - Senior Vice President, Development
  - Boehringer Ingelheim Pharmaceuticals, Inc.
- **Lisa Benincosa, ’93**
  - Vice President and Global Head, Drug Metabolism and Pharmacokinetics
  - Hoffman-LaRoche, Inc.
- **James Daly, ’84, ’85**
  - Senior Vice President, Development
  - Boehringer Ingelheim Pharmaceuticals, Inc.
- **Lisa Benincosa, ’93**
  - Vice President and Global Head, Drug Metabolism and Pharmacokinetics
  - Hoffman-LaRoche, Inc.
- **Edward McNiff, ’75, ’76, ’83**
  - President
  - EFM Consulting, LLC
- **Richard Morrison, ’77, ’83**
  - Principal
  - Morrison Pharmaceutical Consulting, LLC
- **David Panasci**
  - President
  - DHP Consulting LLC
- **John Rodgers, ’83**
  - Executive Vice President and COO
  - Independent Health Association, Inc.
- **Daniel Salazar, ’89**
  - Chief Scientific Officer
  - EMS Pharma
- **Michael Taylor, ’81**
  - President and CEO
  - Deciphera Pharmaceuticals
- **Avi Yacobi, ’75**
  - President
  - DOLE Pharma, LLC

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**University at Buffalo** The State University of New York
Celebrating the classes of

Alumni Reunion Weekend
September 23-24, 2016

Friday, September 23
- Alumni Panel Discussion
- Tours of Kapoor Hall
- All-Alumni Reunion Class Cocktail Party
- Private Class Dinners

Saturday, September 24
- UB Bulls Football Tailgate Party
- UB Bulls v. Army

More information at pharmacy.buffalo.edu/reunion2016