2013-2014, The Year of Accomplishments

Our school continued forward with strong partnerships with research colleagues as well as solidified our partnerships with our local and regional health care associates.

Our faculty were recognized for their scholarly work through advancements in rank: Marilyn Morris was named a University at Buffalo Distinguished Professor. Karl Fiebelkorn was recognized nationally by his receipt of the American Pharmacist Association Foundation, Bowl of Hygeia Award, one of the most prestigious awards in the profession, recognizing outstanding leadership and service. The SPPS garnered national attention again, via the outstanding research work of Brian Tsuji and his receipt of a $4.4M National Institute of Health grant to study Novel PK/PD Strategies for Polymyxin Combinations against Gram-negative Superbugs. This grant will allow the school to develop one of the strongest clinical and translational antibacterial PK/PD groups in the United States.

SPPS students were equally as active. Kayla Maxwell, PharmD ’14 and now a PhD student in our pharmaceutical sciences department was recognized by the State University of New York with the 2014 SUNY Chancellor’s Award for Student Excellence, which recognizes leadership and career achievement. Tara Castleman ’14 was elected Chair of the American Pharmacists Association Academy of Student Pharmacists New Business Review Committee. Jennifer Murray ’15 attended the 15th Annual Cardinal Health Student Leadership Conference where top pharmacy students in the country prepare for future leadership roles in health-systems pharmacy. On the scholarly side, Erik Hefti, PharmD ’14 and also now a student in our pharmaceutical sciences department, published in the Journal, Mitochondrial DNA, Analysis of mtDNA, miR-155 and BACH1 expression in hearts from donors with- and without- Down syndrome.

This past academic year created many opportunities for the school which we are eager to build upon in the coming year. The creation of new partnerships and the strengthening of existing ones will help us to continue our mission ‘To improve health through innovation and leadership in pharmacy education, clinical practice and research.’ I remain focused and enthusiastic about our dynamic future and look forward to working with all members of the school on the opportunities ahead.

Warm regards,

James M. O’Donnell, PhD
Professor and Dean
Table of Contents

Bench To Bedside, Bedside To Bench ...... 2
Education ............................................. 6
Research And Training ...................... 14
Scholarship .......................................... 18
Thanks To You ....................................... 26
Alumni Relations ................................. 35
Financial Reports ................................. 36

University at Buffalo
School of Pharmacy and
Pharmaceutical Sciences

Mission Statement:

To improve health through innovation and leadership in pharmacy education, clinical practice, and research.
At bedside, Alice Ceacareanu’s research has been groundbreaking, leading to the use of novel insulin pathways for the treatment of cancer and diabetes.

Translating Molecules and Algorithms to Optimal Patient Care

Alice Ceacareanu, PharmD., PhD, and Wojciech Krzyzanski, PhD, have each charted a professional course from home in Eastern Europe to bench and beside excellence with calculated precision.

As Dean of the School of Pharmacy and Pharmaceutical Sciences, James O’Donnell, PhD, recognizes the advances in translational knowledge both faculty members have made within their specialty areas.

“Dr. Krzyzanski has made notable contributions to the field of pharmacometrics, which models the manner in which patient characteristics influence the response to medications,” he says.

Dean O’Donnell also sees the powerful potential of their bench and bedside research for improving health outcomes:

“As a clinician-scientist, Dr. Ceacareanu has carried out novel research on the link between glucose and cholesterol management in patients with type 2 diabetes and cancer risk.”

Passionate about empowering people, Ceacareanu looked through her first microscope as a child in Romania – at the Central Institute for Chemistry where her mother was employed as an accountant; She was five.

“When the researchers there realized how curious I really was, they would bring me into the lab and let me see more,” she recalls. “I was a very curious child. I think it was exciting for them to see my eyes sparkling.”

After earning undergraduate degrees in pharmacy and biochemistry and a doctoral degree in molecular genetics in Bucharest, Ceacareanu was recruited for a fellowship at the University of Tennessee. While talking with her pharmacology students at the College of Medicine there, she realized the U.S. offered a more diverse medical and pharmacy training than the higher education system in Europe.

“I was a pharmacist already. I had a biochemistry degree. But as a research fellow in Tennessee I learned how the
At the bench, Wojciech Krzyzanski uses mathematical modeling to create PK/PD profiles of anti-cancer agents and other drugs affecting the circulatory system.

If you look at how serious this problem is, you really need to do something right away.
“Our risk for cancer right now is one in two. If you look at the U.S., two thirds of the population is obese, which means that half of that number has diabetes, and the other half may be on its way,” she explains.

“The other population has already had cancer and luckily survived. Their need for care is different than for other patients. You need to be very careful about what type of treatment you give them so they stay as stable as possible.”

Using the Roswell patient database, Ceacareanu led teams of SPPS PharmD students in a clinical research study of about 500 individuals with diabetes and different forms of cancer to define alternatives to insulin therapy: They found efficacy in the established, inexpensive drug metformin.

“It’s a category of drug that works not by stimulating cell production, but by stimulating the body’s ability to produce insulin. We realized that those who were treated with insulin got more metastasis, and those treated with metformin did much better,” Ceacareanu says.

“In fact, they did better than patients that had cancer but no diabetes at all. At that point we realized, that, ‘wait a minute, pharmacists can make a world of difference in this population.’”

Like Ceacareanu, Krzyzanski is also focused on the translation of scientific knowledge to optimal bedside practice. His pharmacometrics bench work uses mathematical modeling to create pharmacokinetic/pharmacodynamic (PK/PD) profiles of anti-cancer agents and other drugs that affect the blood system.

“From a mathematical point of view, if you have a model that describes the behavior of a drug, you can actually predict what will happen if you change dosing regimens, if you switch from an adult to an elderly patient, or if you have healthy volunteers versus a patient with a co-occurring disease,” he explains.

“It only makes sense if what you do eventually ends up at the bedside for the patient, but it’s kind of a long pathway from a molecule to the clinician to the patient. I am somewhat halfway in between.”

Krzyzanski came to the University at Buffalo from Poland in 1994 to pursue a PhD in applied mathematics. While working on his dissertation, his wife was hired as a technician by William Jusko, PhD, chair of the SPPS pharmaceutical sciences department and internationally recognized as a pioneer of the PK/PD field.

“Jusko learned I was a mathematics student who was good with equations and invited me for an interview and offered me some projects. I was working with him from one project to another when he suggested that I combine my PhD in applied math with a doctorate degree in pharmacokinetics,” he recalls.

Krzyzanski opted to continue on his original career path to becoming an applied mathematician, completed his PhD and went home to Poland to fulfill previously made teaching commitments. He returned to SPPS the following year to work with Jusko as a post-doc fellow, which led to a faculty position as a research assistant.

“My skill set was very useful in pharmacodynamics because it’s a field that describes the drug effects. Mathematical modeling is essential for it, and I was good at it. Jusko saw this immediately. I was happy he wanted me to work with him as a research assistant, and decided to continue with my career in the area of pharmacometrics, not exactly as a pharmaceutical scientist, but as a modeler.”

At the time, pharmacometrics was a nascent discipline.

“It’s a combination of pharmacokinetics, pharmacodynamics, statistics, mathematics, and computer sciences,” Krzyzanski explains, adding that pharmacometrics is still a relatively new field. “It is about quantifying things in a statistically rigorous manner for use in clinical studies and drug development.”

Krzyzanski worked as Jusko’s research assistant for eight years, publishing prolifically, jointly and independently, on the application of mathematical modeling as a tool for exploring complex biological systems that can be controlled pharmacologically. He is now considered a forerunner of pharmacometrics, whose intellectual contributions have helped to set scientific and scholarly cornerstones for the new field.

When he decided to pursue his own research path, Krzyzanski returned to school and earned a master’s degree in pharmacology to complement his comprehensive mathematical skills and knowledge.

As he was completing his graduate work, SPPS received a generous $5M grant from Pfizer, which specified support for the advancement of pharmacometrics: Krzyzanski was able to open his own lab and continue research on the red blood stimulating agent erythropoietin, and other drug modeling he began while working with Jusko.

Ceacareanu and Krzyzanski are both also isolating methodologies to optimize therapeutic cancer management.

“Many anti-cancer agents are very toxic. They don’t just kill the cancer cell they also kill blood cells. That’s what I am interested in; hematopoietic growth factors affecting drug efficacy and blood toxicity. That is the core of my research,” he says.

At Kapoor Hall, Krzyzanski uses various dosing in rat models to mathematically map PK/PD responses to a drug. His lab contains basic hematology equipment, and is staffed by a research fellow, a doctoral student, a graduate student and a lab technician.

“There are many ways of suggesting better treatments, better selection of the drugs for anti-cancer therapies,” Krzyzanski says, explaining that pharmacometrics significantly reduces the high expense of clinical trials that take a drug from bench to bedside.

“If you have some approved regimens for the drugs or you have technical data to support optimization based on simulation, there’s still work to be done in communicating those results to the clinicians. Practically, patients do not yet really benefit from the full extent of what this discipline offers.”

In the classroom, Krzyzanski prepares his students to meet the growing demand for pharmacometricians, a direct translation of demand from the pharmaceutical industry for greater assistance with novel drug development.
Pharmacometrics is a relatively new field. It's about quantifying things in a statistically rigorous manner for use in clinical studies and drug development.

“Pharmacometrics actually starts the moment a drug candidate is discovered, with a molecule, and ends up way past clinical trials because once the drug is on the market, it's still being evaluated.”

Ceacareanu and her Oncology Translational Research Group are teaching community pharmacists to closely evaluate the drugs prescribed to their patients who have diabetes and have survived cancers.

“With the launch of her Online Certificate Program for Community Pharmacists, she is directly influencing patient care by enabling pharmacists in the community to better serve patients who have undergone cancer treatment,” says Dean O’Donnell.

In September 2014, in collaboration with the American Cancer Society Buffalo Hope Lodge, Ceacareanu and her colleagues brought together SPPS and Roswell faculty members, research and clinical professionals, pharmacy students, cancer patients, caregivers and volunteers to discuss specialized pharmacy care needs.

“It’s not the oncology pharmacist that dispenses insulin and metformin, it’s the community pharmacist that will help manage therapeutic care. If a cancer patient leaves the hospital and goes into the community and is prescribed insulin, the oncologist is not going to know but the pharmacist is going to know right away,” she says. “We wanted to hear what the patient needs, what their challenges were with their pharmacists.”

The outcomes of the conversation helped to fine-tune the curriculum for CanceRxCE online certificate training program, a massive Healthcare Workforce Retraining Initiative funded by the New York State Department of Health.

Launched in late February, it is being offered free to licensed community pharmacists in the New York City area, which has the highest population density for both cancer survivors and community pharmacists. CanceRxCE is intended to improve their ability to accommodate the shift of cancer care from the hospitals to the community – and to meet health care demands of the future.

“Knowing that we don’t have enough cancer-trained pharmacists, we asked the Department of Health to let us teach them cancer knowledge. Let us teach them what the population needs,” says Ceacareanu, a recipient of the Faculty Teaching Award in 2010 and CSTEP Recognition for Research and Scholarship Award in 2011, among numerous others.

“If that pharmacist is trained to recognize a red flag and pick up the phone and call the oncologist at that moment, it's going to save the life of that patient. Six months of wait may just be too late.”

CanceRxCE will run 12 times in five-week modules through June of 2016. The curriculum uses innovative online learning tools to cultivate problem-solving and clinical decision-making skills, and cancer-related awareness.

Interactive “Let’s Talk” components allow participants to discuss mock case examples: “Let’s Learn” videos filmed by Ceacareanu and her students are teaching trainees – a total of 3000 anticipated in the next 18 months – to analytically respond to changing requirements in cancer care, make use of relevant research findings, and apply pharmacotherapy concepts to optimize the health and quality of life of people at high risk for cancer.

“If you look at how serious this problem is, you really need to do something right away,” says Ceacareanu.

At beside and bench, Ceacareanu and Krzyzanski are translating scientific research and clinical practice to the summum bonum of pharmaceutical sciences, pharmacy practice and patient outcomes. And while their pursuit of excellence in the field is multi-focal, the core of their work is advancing knowledge as it relates to the therapeutic treatment and optimal management of cancer.

J. Thorpe
Education

The SPPS educates students in pharmacy and the pharmaceutical sciences, providing the critical thinking skills to allow them to achieve the desired outcomes of drug-related therapy and disease management through research and clinical intervention.

Admissions and Advisement

The Office of Admissions and Advisement streamlined many activities and processes resulting in improved and enhanced interactions with prospective students.

A major new recruitment activity was the creation of new student outreach videos with the theme of ‘Why Choose Us.’ Funded by UB’s Graduate Enrollment Management Services office, student leaders in our pharmaceutical sciences department as well as in the PharmD program were profiled and discussed why UB SPPS was the best decision they made for education and career paths. Their exciting opportunities in research, clinical outreach and service to the underserved provided further strength and focus to outreach materials.

To increase and enhance outreach to our undergraduate and pre-pharmacy pipeline, the office implemented a resource section on the SPPS website for pre-health undergraduate advisors at colleges and universities. This information helps advisors counsel prospective students on SPPS academic programs and learn more about pharmacy and pharmaceutical sciences. We also have increased the number of 3+4 Educational Affiliation Agreements we have with a number of colleges and universities. 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.

Our Orientation in Pharmacy course (PHM 201) has been significantly enhanced via the leadership of Sara Robinson, SPPS undergraduate advisor for pre-pharmacy and pre-pharmaceutical sciences. Students now receive strong preparation for their PharmD application including personal statement development and interview practice. Select presentations are facilitated by SPPS faculty, alumni, and Dean’s Student Ambassadors and meetings with student peer mentors serve to round out the learning experience.

The recent upgrade of the school’s website: pharmacy.buffalo.edu gave our office many opportunities to reistrate and enhance messaging to all prospective student groups. We look forward to further capitalizing on our web-based outreach to ensure the best and most competitive students for our programs.

Meet the Class of 2017

| Interviewed | 266 |
| Accepted    | 130 |
| Middle 50th Percentile Science & Math GPA (Biology, Chemistry, Physics, Math) | 3.1 – 3.5* |
| Middle 50th Percentile of Sum PCAT Percentile Score (excluding composite) | 355 – 410* |
| In-State     | 88% |
| Out-of-State | 12% |
| Foreign Citizen | 2% |
| Females     | 55% |
| Males       | 45% |
| 2 years or less of college  | 49% |
| Bachelor’s degree or higher | 33% |
| Average Age | 22 |
| Number of States/Provinces Represented | 8 |

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

Degrees Granted (2013–14)

<table>
<thead>
<tr>
<th>Program</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>PharmD</td>
<td>111</td>
</tr>
<tr>
<td>BS in Pharmaceutical Sciences</td>
<td>11</td>
</tr>
<tr>
<td>BS/MS in Pharmaceutical Sciences</td>
<td>9</td>
</tr>
<tr>
<td>PhD in Pharmaceutical Sciences</td>
<td>1</td>
</tr>
<tr>
<td>Total</td>
<td>132</td>
</tr>
</tbody>
</table>

Degree Program Enrollment (2013–14)

<table>
<thead>
<tr>
<th>Program</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>P1 Year</td>
<td>133</td>
</tr>
<tr>
<td>P2 Year</td>
<td>115</td>
</tr>
<tr>
<td>P3 Year</td>
<td>117</td>
</tr>
<tr>
<td>P4 Year</td>
<td>134</td>
</tr>
<tr>
<td>PharmD Subtotal</td>
<td>499</td>
</tr>
<tr>
<td>BS in Pharmaceutical Sciences</td>
<td>35</td>
</tr>
<tr>
<td>BS/MS and MS in Pharmaceutical Sciences</td>
<td>27</td>
</tr>
<tr>
<td>PhD in Pharmaceutical Sciences</td>
<td>45</td>
</tr>
<tr>
<td>Pharmaceutical Sciences Subtotal</td>
<td>107</td>
</tr>
<tr>
<td>Total Enrollment</td>
<td>606</td>
</tr>
</tbody>
</table>
Office of Continuing Pharmacy Education

Our Goal

- Develop educational activities incorporating active learning methods assisting in the continuing professional development of pharmacists
- Provide educational activities to address health issues and changing scope of practice in NY State
- Partner to provide inter-professional health care team programming opportunities

Our Steering Committee

- The role of this committee is to identify educational needs in such areas as changes in therapy and guidelines, treatment plans, and new legislation. The committee will assist in the design of educational activities to bridge the gaps in knowledge or skills.

Our Mission

The Office of Continuing Pharmacy Education provides continuing pharmacy education activities to pharmacists in all practice settings designed to maintain competence and strive to bridge identified gaps in knowledge and skills.

During this academic year the Office of Continuing Pharmacy Education has awarded ACPE Pharmacy credit to over 2,000 pharmacists participating in programs offered as live seminars, distance delivered webinars, multiday symposia and cosponsored designed educational offerings with pharmacists across all settings. Accreditation was provided for the cosponsored programming of our alumni, affiliated institutions, pharmaceutical societies and the New York State Department of Health, just to name a few.

Wegmans Food Markets and the Office of Continuing Pharmacy Education teamed-up to provide Wegmans Pharmacists with an evidence-based educational vascular prevention training program in an effort to fight cardiovascular disease.

Expansion of the Office of Continuing Pharmacy Education webpage includes a survey tool to collect requests by pharmacists for future educational topics. The webpage also now offers pharmacists updated ACPE information regarding items such as credit deadlines for the CPE Monitor. This continuing pharmacy education tracking system was developed by ACPE and the National Association of Boards of Pharmacy (NABP) and will authenticate and store data for completed CPE units received by pharmacists and pharmacy technicians from ACPE-accredited providers.

Future educational activities in development include a “Transition of Care” inter-professional offering, as well as accreditation of an online practice-based certificate program “CanceRxCE: Oncology Certificate program,” for Community Pharmacists in partnership with UB’s Oncology Translational Research Laboratory.

Fiscal Year 2013–2014

<table>
<thead>
<tr>
<th></th>
<th>56</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cosponsored</td>
<td>27</td>
</tr>
<tr>
<td>Home Study Programs</td>
<td>5</td>
</tr>
<tr>
<td>UB Programs</td>
<td>24</td>
</tr>
<tr>
<td>Total</td>
<td></td>
</tr>
</tbody>
</table>
### Continuing Education Programs and Symposia

<table>
<thead>
<tr>
<th>Date</th>
<th>Name</th>
<th>Program_Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>7/26/13</td>
<td>HIV Pharmacotherapy Update Symposium 2013</td>
<td>UB Programs</td>
</tr>
<tr>
<td>9/26/13</td>
<td>Medical Marijuana: An Evidenced-based Review</td>
<td>UB Programs</td>
</tr>
<tr>
<td>10/19/13</td>
<td>Treating Cancer Pain: Opioids, Adjuvants, and Beyond</td>
<td>UB Programs</td>
</tr>
<tr>
<td>10/19/13</td>
<td>Update in Controlled Substance Regulations in NYS</td>
<td>Cosponsored</td>
</tr>
<tr>
<td>10/19/13</td>
<td>Tricks of the Trade: Optimizing Side Effects and Effective Use of Mold - Active Antifungal Agents</td>
<td>Cosponsored</td>
</tr>
<tr>
<td>10/19/13</td>
<td>Is it Worth a Shot? Vaccinations in Cancer Patients</td>
<td>Cosponsored</td>
</tr>
<tr>
<td>10/19/13</td>
<td>New Developments in Immunomodulatory and Targeted Therapies for Metastatic Melanoma</td>
<td>Cosponsored</td>
</tr>
<tr>
<td>10/23/13</td>
<td>When Nerves Hurt: Common Neuropathies and their Treatment</td>
<td>UB Programs</td>
</tr>
<tr>
<td>11/5/13</td>
<td>Core Skills for Effective Precepting from a Systems Perspective</td>
<td>UB Programs</td>
</tr>
<tr>
<td>12/7/13</td>
<td>Pain Medicine for Non-Pain Specialists: Risk Management in the 21st Century: Focus on Appropriate Opioid Uses for Chronic, Non-Cancer Pain</td>
<td>Cosponsored</td>
</tr>
<tr>
<td>1/8/14</td>
<td>HIV/HCV Co-infection: C the Difference</td>
<td>UB Programs</td>
</tr>
<tr>
<td>1/22/14</td>
<td>Adherence: Simple Strategies for Sticking to it</td>
<td>UB Programs</td>
</tr>
<tr>
<td>1/29/14</td>
<td>Pharmacy Law Update 2014</td>
<td>UB Programs</td>
</tr>
<tr>
<td>1/30/14</td>
<td>Pharmacy Law Update 2014</td>
<td>UB Programs</td>
</tr>
<tr>
<td>2/9/14</td>
<td>Update on Medication Errors &amp; Patient Safety 2014</td>
<td>UB Programs</td>
</tr>
<tr>
<td>2/12/14</td>
<td>Self-Monitoring Blood Glucose: A Practical Guide for Pharmacists</td>
<td>UB Programs</td>
</tr>
<tr>
<td>2/23/14</td>
<td>Update on Medication Errors &amp; Patient Safety 2014</td>
<td>UB Programs</td>
</tr>
<tr>
<td>2/26/14</td>
<td>For Life...But For Who? A Pharmacist's Guide to Recommending Probiotics</td>
<td>UB Programs</td>
</tr>
<tr>
<td>3/5/14</td>
<td>UB/Wegmans Vascular Prevention Program</td>
<td>UB Programs</td>
</tr>
<tr>
<td>3/19/14</td>
<td>Aiming Without a Target: The ACC/AHA 2013 Cholesterol Guideline</td>
<td>UB Programs</td>
</tr>
<tr>
<td>3/20/14</td>
<td>APhA's Delivering Medication Therapy Management Services</td>
<td>UB Programs</td>
</tr>
<tr>
<td>3/23/14</td>
<td>UB/Wegmans Vascular Prevention Program</td>
<td>UB Programs</td>
</tr>
<tr>
<td>3/26/14</td>
<td>Pharmacists Make House Calls? A Discussion of Innovations in Community Pharmacy</td>
<td>UB Programs</td>
</tr>
<tr>
<td>4/5/14</td>
<td>New dyslipidemia and hypertension guidelines: impact on the kidney disease patient</td>
<td>Cosponsored</td>
</tr>
<tr>
<td>4/22/14</td>
<td>The pharmacy practice model initiative: implementation within NCI-designated comprehensive cancer centers</td>
<td>Cosponsored</td>
</tr>
<tr>
<td>5/3/14</td>
<td>Clinical practice changes in front-line management of ineligible MM patients: the evolving role maintenance programs</td>
<td>Cosponsored</td>
</tr>
<tr>
<td>5/3/14</td>
<td>Leukemia: Progress in the management of MDS</td>
<td>Cosponsored</td>
</tr>
<tr>
<td>5/3/14</td>
<td>Lymphoma clinical practice case study</td>
<td>Cosponsored</td>
</tr>
<tr>
<td>5/3/14</td>
<td>Emerging approaches in the management of patients w/chronic lymphocytic leukemia (CLL)</td>
<td>Cosponsored</td>
</tr>
<tr>
<td>5/3/14</td>
<td>Clinical practice changes in the management of T-cell lymphoma patients</td>
<td>Cosponsored</td>
</tr>
<tr>
<td>5/3/14</td>
<td>Optimizing the clinical outcome of diffuse large B-cell lymphoma</td>
<td>Cosponsored</td>
</tr>
<tr>
<td>5/3/14</td>
<td>Clinical practice changes in the management of mantle cell lymphoma (MCL)</td>
<td>Cosponsored</td>
</tr>
<tr>
<td>5/3/14</td>
<td>Managing relapsed/refractory multiple myeloma: how to optimize recently approved targeted agents</td>
<td>Cosponsored</td>
</tr>
<tr>
<td>5/3/14</td>
<td>Clinical practice changes in front-line management of transplant eligible MM patients: the evolving role of post-transplant maintenance programs</td>
<td>Cosponsored</td>
</tr>
<tr>
<td>5/3/14</td>
<td>Leukemia clinical practice case study</td>
<td>Cosponsored</td>
</tr>
<tr>
<td>5/3/14</td>
<td>Clinical practice changes in the management of acute lymphoid leukemia (ALL)</td>
<td>Cosponsored</td>
</tr>
<tr>
<td>5/3/14</td>
<td>Emerging approaches in the management of patients with chronic myeloid leukemia (CML)</td>
<td>Cosponsored</td>
</tr>
<tr>
<td>5/3/14</td>
<td>Myeloma clinical practice case study</td>
<td>Cosponsored</td>
</tr>
<tr>
<td>5/14/14</td>
<td>Common Infectious Diseases in the Hospital and Community: Treatment and Resistance Concerns</td>
<td>UB Programs</td>
</tr>
<tr>
<td>5/29/14</td>
<td>19th Annual Comprehensive Pharmacy Law Review</td>
<td>UB Programs</td>
</tr>
<tr>
<td>5/30/14</td>
<td>19th Annual Comprehensive Pharmacy Law Review</td>
<td>UB Programs</td>
</tr>
<tr>
<td>6/2/14</td>
<td>Acute myeloid leukemia induction regimens for patients with low ejection</td>
<td>Cosponsored</td>
</tr>
<tr>
<td>6/5/14</td>
<td>UB/Wegmans Lipid Management Program</td>
<td>Home Study</td>
</tr>
<tr>
<td>6/11/14</td>
<td>Current and Emerging Therapies in the Management of HCV Viral Infection</td>
<td>Home Study</td>
</tr>
<tr>
<td>6/18/14</td>
<td>APHA Pharmacy-Based Immunization Delivery</td>
<td>UB Programs</td>
</tr>
<tr>
<td>6/19/14</td>
<td>UB/Wegmans Lipid Management Program</td>
<td>UB Programs</td>
</tr>
<tr>
<td>6/26/14</td>
<td>Current and Emerging Therapies in the Management of HCV Viral Infection</td>
<td>UB Programs</td>
</tr>
<tr>
<td>6/29/14</td>
<td>UB/Wegmans Lipid Management Program</td>
<td>UB Programs</td>
</tr>
<tr>
<td>Ongoing</td>
<td>HIV Pharmacotherapy Annual Update</td>
<td>UB Programs</td>
</tr>
<tr>
<td>Ongoing</td>
<td>HIV Pharmacotherapy Community Pharmacy CE</td>
<td>UB Programs</td>
</tr>
<tr>
<td>Ongoing</td>
<td>HIV Pharmacotherapy Practiced-Based Program</td>
<td>UB Programs</td>
</tr>
</tbody>
</table>
Residency Training Program Summary 2013-14

The Department of Pharmacy Practice maintained its commitment to providing postgraduate education via general (PGY-1) and specialty (PGY-2) residency training. During the 2013-14 academic year, the residency program consisted of 7 PGY-1 residents and 1 PGY-2 resident training at the following practice sites:

- Buffalo Medical Group
- Erie County Medical Center
- Lifetime Health Medical Group
- Mobile Pharmacy Solutions
- Middleport Family Health
- Erie County Medical Center HIV/AIDS Immunodeficiency Center
- Mobile Pharmacy Solutions

Our mission remains the same: 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, with the goal of training pharmacy residents to practice autonomously in a variety of settings.

As outlined in our mission, in addition to a focus on patient care, our residents participated in teaching, research and community service. Each year, UB SPPS sponsors a Residency Teaching Certificate program which was attended by nearly 20 residents from across western and central New York. The program consists of a 2-day seminar on topics relevant to both didactic and clinical/experiential teaching and learning. The UB SPPS residents are also required to hone their teaching skills by participating in a small group teaching experience, a large group lecture, a precepting experience at their practice site and an ACPE-accredited continuing education program.

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

Residents also served the community by volunteering their pharmacy services at the Good Neighbors Clinic, which offers basic primary care for uninsured and underinsured adults in Buffalo. While at Good Neighbors, residents may assist providers with patient care, provide medication counseling to patients and assist patients with obtaining affordable prescription medications.
Commencement Awards

SUNY Chancellor’s Award for Student Excellence
Kayla Maxwell

Lilly Achievement Award
Kristen Fodero

Michael E. Crawford Award
Nazli Soltani

Eino Nelson Award
Katherine Manou

David E. Guttman Award
Sophia Elie

Renee A. Dederich Award
Elizabeth Dahl

Francis P. Taylor Award
Katherine Manou

UB School of Pharmacy & Pharmaceutical Sciences Professionalism Award
Sarah Farr

Robert H. Ritz Award
Justin Lenhard

National Community Pharmacists Association Outstanding Student Member Award
Lindsey Feuz

Lori Esch Memorial Award
Aubrey Gawron

Merck Award
1st Sohee Chang, 2nd Katherine Manou, 3rd Nazli Soltani

Robert M. Cooper Memorial Award
Stefanie Wiegand

Mylan Pharmaceutical Excellence in Pharmacy Award
Christina Matthews

Facts and Comparisons Award of Excellence in Clinical Communication
Lauren Stuczynski

Roy M. Barr Award
Justin Lenhard

Western New York Society of Health-system Pharmacists Award
Jessica Beyer

Samuel J. Bauda Award
Lindsey Feuz

Pharmacists’ Society of the State of New York
Sarah Farr

Natural Medicines Comprehensive Database Recognition Award
Bethany Woods

McKesson Leadership Award
Tara Castleman

TEVA Pharmaceuticals USA Outstanding Student Award
Kristen Mazurkiewicz

A.B. Lemon Memorial Award
Nicholas Hopwood

The Inpatient Advanced Pharmacy Practice Experience Award
Bethany Woods

The Outpatient Advanced Pharmacy Practice Experience Award
Keith Prouty

Pharmacists’ Association of Western New York Student Leadership Award
Yi Yang

Excellence in Pharmacogenomics Award
Georgia DiFiore

Katherine Doyle Memorial Award
Jordan Boardman

Kelli Jordan Memorial Award
Kayla Maxwell

The Outstanding Graduating Senior Award in Pharmaceutical Sciences
Van Anh Nguyen

Margaret C. Swisher Memorial Award
Margaret Miklich

APhA-ASP Senior Recognition Award
Tara Castleman

Excellence in Teaching Award
Nicole Paolini Albanese, 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
  - Gurkisan Chadha
  - Frank Engler
  - Patrick Glassman
  - Tommy Li
  - Xin Miao
  - Charvi Nanavati
  - Xu Zhu

**POSTDOCTORAL FELLOWS**
- Johnson and Johnson
- Narayana Garimella
- Center for Protein Therapeutics
  - Yanguang Cao
  - Tao Ji
  - Eslam-Nouri-Nigjeh
  - Weiyan Zhang

Pharmacy Practice

**POST GRADUATE RESIDENTS AND FELLOWS**
- Lifetime Health Medical Group
- Elisabeth Schulte
- Buffalo Medical Group
- Jane Kwon
- Novartis Pharmaceuticals Corporation
- Mohamed Elmeliegy
- Vidya Perera
- Yan Qin
- Roche Pharmaceuticals
- Rajinder Bhardwaj

Who’s Who Among Students in American Universities and Colleges

Femi Adesina
Zubair Afzal
Brittany Andruszko
Brian Baur
Clare Carroll
Tara Castleman
Elizabeth Dahl
Georgia Di Fiore
Sarah Farr
Lindsey Feuz
Kristen Fodero
Aubrey Gawron
Erik Hefti
Melanie Ho
Nicholas Hopwood
April Huang
Hyewon Im
Gregory Koopman
Ryan Kucharski
Julia Kuroski
Justin Lenhard
Hai-Xin Lin
Katherine Manou
Christina Matthews
Samantha Mattison
Kayla Maxwell
Kristen Mazurkiewicz
Dana Munn
Michael Rinere
Jaimie Rogemoser
Mahsa Salsabili
Sarah Sckena
Lauren Stucznyski
Amy Suen
Cody Vandervort
Stefanie Wiegand
Yi Yang
Olesya Yaremko
Danyan Yu
Student Achievements

**SPPS Students Highlight 2014 UB Center of Excellence Awards**

Kayla Maxwell ’14, PharmD-PhD program: SUNY Chancellor’s Awards for Student Excellence.

Xiaochen Zhao, PHC PhD program: Sigma Xi Graduate Research Poster: Cellular pharmacodynamic model of Rituximab and Doxorubicin in non-Hodgkin’s lymphoma.

Sara Di Tursi ’16, PharmD P2 student: Sigma Xi Poster Competition: Poly(lactic-co-glycolic) Acid-Chitosan Lamivudine/Nevirapine-Loaded Nanoparticle Formulations for Sustained Release Antiretroviral Therapy for HIV.

Robert Dingman, PHC BS program: UB Undergraduate Excellence in Research, Scholarship and Creativity.

**Clinical Research Program 2014**

The following Class of 2014 students participated in the Clinical Research Program 2014 Presentations.

Michelle Amsler: Validation of an Assay to Determine Pharmacokinetic and Pharmacodynamic Resistance to Aspirin in DMSO by in vitro Analysis.


Jeff Baron: Effect of Primidone on Platelet Responsiveness in Patients Determined to be Clopidogrel Resistant.

Michael Bear: Novel double and triple antibiotic combinations at clinically relevant concentrations against polymyxin B resistant Pseudomonas aeruginosa.

Jessica Beyer: Adapting to Obstacles in Research.

Amy Suen: Vancomycin Pharmacodynamics against Heterogeneous Vancomycin-Intermediate Staphylococcus aureus bloodstream isolates with accessory gene regulator dysfunction: Challenging the AUC/MIC Paradigm Project.

Arthur Fyles: A Comparison of In Vitro Platelet Inhibition of Ticagrelor Pre- and Post-Bariatric Surgery.

Justin Lenhardt: Tracking the Evolution of Vancomycin Resistance in Staphylococcus aureus Populations Containing the Small Colony Variant Phenotype.

Melissa Rozek: Development and Validation of an Enzyme- linked Immunosorbent Assay (ELISA) To Detect Treponema Denticola Virulence Factors in Saliva Samples.

Sarah Skcena: Pharmacist Use of Face-to-Face and Electronic Encounters to Improve A1C in a Patient-centered Medical Home.

**Linsey Feuz: Drug Interaction Review: Evaluation of Concomitant Medications in a Psychiatric Population.**

**SNPhA Clinical Skills Competition Winners**

Congratulations to Jacob Reaser ’15 and Joseph Spierer ’15 for winning second place in the 2014 Clinical Skills Competition at the Student National Pharmaceutical Association (SNPhA) regional conference in Richmond, Virginia. The meeting involved students from more than 40 schools of pharmacy.

**The Department of Pharmaceutical Sciences Recognizes Exceptional Class of 2014 BS Seniors**

Van Anh Nguyen: The Outstanding Graduating Senior Award In Pharmaceutical Sciences Award. Presented to the most outstanding BS graduate based on overall performance, including GPA and leadership.

Robert Dingman: The Robert H. Gumtow Undergraduate Research Award in Pharmaceutical Sciences. Presented to a graduating BS student who has performed the most outstanding research.

**Prosperity Scholarship at UB Includes SPPS Students**

UB’s 2014 Prosperity Scholarship program, assisting undergraduate and graduate students who are actively preparing for careers that further economic development and growth, especially in the Western New York region, has chosen the following SPPS students- congratulations! Brian Bowman, Peter Fendt, David Huo.

**Students Support National Drug Take Back Day September 2014**

Students, faculty and staff assisted with National Prescription Drug Take Back Day, a safe, convenient, and responsible means of disposing prescription drugs, while also educating the public regarding medication abuse. Teams worked at Millard Fillmore Suburban Hospital, DeGraff Memorial Hospital, Kenmore Mercy Hospital, St. Joseph’s Hospital and other locations throughout Western New York cataloging over the counter medications as well as prescription drugs.

**UB Local 2014 Student Pharmacist Compounding Competition**

Christina Wang ’15, Colleen Gardon ’15, Sophia Min ’15, Nicholas Flik ’14 (alternate) were first place winners at the local 2014 Student Pharmacists Competition. Nicholas Flik was recognized at the national meeting as most ‘congenial student’ at the competition.

**Individual Achievements**

Kayla Maxwell ’14, PharmD-PhD program: SUNY Chancellor’s Awards for Student Excellence.

Kayla Maxwell ’14 received the 2014 State University of New York Student Excellence Award, given to SUNY students who have best demonstrated and been recognized for academic excellence, leadership, athletics, career achievement, community service or creative and performing arts. Kayla was recognized by SUNY at a reception in Albany and was also recognized by the university during the Celebration of Academic Excellence, Spring 2014.

Robert Dingman ’15 Present at Audiology Meetings

Robert Dingman ’15, pharmaceutical sciences senior, presented abstracts at the Association for Research in Otalaryngology 2014 Midwinter Meeting and UB Audiology Research Day.


• Acute and Chronic Changes in Synaptic Plasticity Gene Expression in Rat Inferior Colliculus following Unilateral Noise Induced Hearing Loss, F. Yoshiie Russo, S. Manohar, R. Dingman, R. Salvi, 9/2013.

Sara DiTursi ’16 Interns in Taiwan

Sara DiTursi ’16 was chosen by the American Pharmacists Association Academy of Student Pharmacists (APhA-ASP) International Pharmaceutical Students’ Federation (IPSF) Student Exchange Program to spend six weeks in Taiwan at the Taipei Medical University as an intern in a community pharmacy. Sara spent over 100 hours shadowing the pharmacy manager of Pu Chen Pharmacy, an independent pharmacy in Taipei as well as attended pharmacotherapy classes and field trips to the National Health Insurance Administration, Taipei Veterans General Hospital and Taipei Medical University Hospital. She was also elected to the IPSF Pan American Office Subcommittee where she will be promoting communication, membership and pharmacy-related campaigns among the nations of North, South and Central America.

Tara Castleman ‘14 New APhA-ASP Business Committee Chair

Tara Castleman ‘14 selected to serve as the Chair of the American Pharmacists Association Academy of Student Pharmacists New Business Review Committee at the APhA 2014 Annual Meeting.
Erik Hefti ‘14 Publishes in Journal, Mitochondrial DNA

Erik Hefti ‘14: Published his scientific manuscript, Journal, Mitochondrial DNA. Authors are: E. Hefti A., Quinones-Lombrana, A. Redzematovic, J. Hui, and J. Blanco. Javier Blanco, associate professor, pharmaceutical sciences.

Jennifer Murray ‘15 Attends Cardinal Leadership Conference

Jennifer Murray ‘15: Attended the 15th Annual Cardinal Health Student Leadership Conference. This all-expense-paid conference joins top pharmacy students in the country for a special two-day program to better prepare them for assuming future leadership roles in health-systems pharmacy.

Mahsa Salsabili ‘14 Presents Poster at ASHP Mid-Year Meeting

Mahsa Salsabili ‘14: Poster presentation PharmD Student Awareness of Managed Care Pharmacy: a Single Site Survey of Professional Preparedness, at the 2013 ASHP Mid-Year Clinical Meeting.

Bachelor of Science in Pharmaceutical Sciences

February 2014
- Kyle Burke

June 2014
- Jyothi Abraham
- Sheril Alexander
- Anthony Chen
- Franklin Ilogho
- Yun Jeong Jang
- Andy Lalka
- Yong Hee Lee
- Benjamin Luft
- Shabkhaiz Masih
- Van Anh Nguyen
- Adam Parker
- Ankit Senjalia

Bachelor of Science/Master of Science in Pharmaceutical Sciences

September 2013
- Andrew Davidowitz
  - Daniel Ferguson

June 2014
- Sophie Elie
- Kelly Marco
- Britanny Walker
- Yanlin Wang

Master of Science in Pharmaceutical Sciences

February 2014
- Kuan-ju Lin

June 2014
- Manting Chiang
- Martin Kozicki
- Anita Moein

Doctor of Pharmacy

June 2014
- Femi Adesina
- Zubair Afzal
- Michelle Amsler
- Britanny Andruszko
- Risikat Balogun
- Christopher Barbour
- Jeffrey Baron
- Brian Baur
- Michael Bear
- Jessica Beyer
- Jordan Boardman
- Matt Brennan
- Lindsey Bruss
- Clare Carroll
- Tara Castleman
- Sohee Chang
- Fanny Chen
- Tao Chen
- Matthew Chestoski
- Christina Cieri
- Elizabeth Dahl
- Jacqueline Deiley
- Georgia Di Fiore
- Sarah Farr
- Lindsey Feuz
- Nicholas Filk
- Kristen Fodero
- Jamie Frazier
- Minna Fung
- Arthur Fyles
- Alexandra Galbo
- Katherine Gancasz
- Aubrey Gawron
- Julie Graham
- Jie Gu
- Jing Jing He
- Erik Hefti
- Katherine Hempling
- Melanie Ho
- Nicholas Hopwood
- April Huang
- Ka Lun Hung
- Jenna Hurd
- Tracy Huynh
- Hyewon Im
- Jessica Isaac
- Courtney Jones
- Courtney Kelchlin
- Gregory Kooiman
- Ryan Kucharski
- Julia Kuroski
- Jason Kwok
- Donald Ladd
- Michael Landgren
- Carmen Lee
- Justin Lenhard
- Stephanie Li
- Xu Guang Li
- Amanda Liang
- Hai-Xin Lin
- Nicholas Lombardo
- Tsz On Lui
- Katherine Manou
- Kristin Martinez
- Christina Mattheus
- Samantha Mattison
- Kayla Maxwell
- Kristen Mazurkiewicz
- Cara McGurry
- Brendan McManus
- Margaret Miklich
- Nicole Morabito
- Steven Mrzygut
- Dana Munn
- Dane Munzek
- Long Nguyen
- Rikesh Patel
- Maria Piddobny
- Vadryn Pierre
- Matthew Pretorius
- Keith Prouty
- Roshan Rao
- Yakov Ratner
- Michael Rinere
- Jaimie Rogemoser
- Melissa Rozek
- Khadeeja Saleh
- Mahsa Salsabili
- Alexander Schepart
- Sarah Sckena
- Brenna Shannon
- Lauren Stuczynski
- Amy Suen
- Gina Sutedja
- John Tang
- Christopher Tanski
- Melek Turgut
- Cody VanDervort
- Vanessa Vanzo
- Stefanie Wiegand
- Betty Wong
- Bethany Woods
- Jianle Xie
- Yi Yang
- Olesya Yaremko
- Esther Yi
- Danyan Yu
- Gavin Zhang
- Qi Bing Zheng
- Zhi Yuan Zheng
- Bo Zhou

Doctor of Philosophy in Pharmaceutical Sciences

February 2014
- Jonathan Knights
- Hoi Kei Lon

June 2014
- Vaishali Chudasama
- Brenda Cirincione
- Anas Fathallah
- Neang Ly
- Nisha Vijay
Research and Training

Create 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

The department strengths lie in biological applications of pharmaceutical sciences for traditional small molecules as well as biotechnology products, particularly in the areas of systems pharmacology (pharmacokinetics, pharmacodynamics, pharmacogenomics), drug delivery, and development of new therapeutic approaches utilizing mechanistic studies with tools of genomics, proteomics, computation, and bioinformatics.

We have an excellent group of 14.5 tenure-track and 5 research faculty members over a range of academic levels with highly productive, largely NIH-funded research programs and some corporate support. Our total amount of outside funding was about $6 million. Our BSc undergraduate program, directed by Vice-Chair, Dr. Kathleen Boje, included 33 junior and senior students, while our graduate program, headed by Dr. Murali Ramanathan, consisted of 27 BSc/MS, MS, and PhD students and 42 PhD and PharmD/PhD students.

We also hosted 10 post-doctoral fellows and visiting scientists. We began conducting searches for two new faculty members, one in the area of pharmacometrics and one in molecular pharmaceutics.

Our Center for Protein Therapeutics, directed by Dr. Joseph Balthasar, Associate Dean for Research, was established by the department in 2008 to promote the application of pharmaceutical sciences to the development of protein drugs. Emphasis is on numerous PK/PD issues, protein engineering, and bioanalysis/proteomics. Sponsors of the Center in 2013-14 included: Abbvie, Amgen, Eli Lilly, Genentech/Roche, Janssen, Merck, Sanofi-Aventis, and UCB. To date, the Center has provided funding (~$100,000 per project) for 73 research projects, with 11 projects funded in 2013-14. Our industry sponsors gather with our faculty and trainees in July for our Annual CPT Symposium to review project results and select new projects for the next year. In many cases, study results (e.g., mathematical models, new methodologies) have been quickly implemented by the industry sponsors.

A highly active Lecture and Seminar Program was offered with 54 presentations by local and visiting scientists. Dr. Wayne Anderson, recently retired as Dean of the School, provided the 2013 Gerhard Levy Distinguished Lectureship in Pharmaceutical Sciences. His presentation was entitled, “Professional Practice, Research, and Education: 50 Years in Pharmacy”. Dr. Wolfgang Sadee, Professor at Ohio State University as well as Dr. A. Douglas Kinghorn, also Professor at Ohio State University, gave the David C. K. Chu Lectures in Drug Development (on different occasions). Dr. Steven Hansel from Pfizer Pharmaceuticals provided the Pharmaceutics GSA Alumnus Lecture. Other notable speakers during the academic year were: Dr. Johannes Schropp from the University of Konstanz, Dr. Jonathan Lovell from the UB Department of Biomedical Engineering, Dr. Yun Wu from the UB Department of Biomedical Engineering, Dr. Bart Hendricks from Merrimack Pharmaceuticals, Dr. Reina Bendayan from the University of Toronto, Drs. Nuria Buil and Zinnia Parra-Guillen from the University of Navarra, Dr. Joanne Wang from the University of Washington, Dr. Lee Vermeulen from the University of Wisconsin, Dr. Peter Elkin from the UB Department of Biomedical Informatics, Dr. John M. L. Ebos from Roswell Park Cancer Institute, Dr. Masoud Jamei from Simcyp Inc., Dr. Mark Gurney from Tetra Discovery Partners Inc., Dr. Robert R. Bies from Indiana University, Dr. Coen van Hasselt from Leiden University, Dr. Nicholas Holford from the University of Auckland, and Dr. C. J. Musante from Pfizer Pharmaceutials.

Our department faculty members were strongly productive in dissemination of our scientific accomplishments and knowledge. We had 109 research articles and book chapters published and gave over 170 seminars, lectures, and research posters at various scientific meetings, universities, and industrial venues. Many faculty and students routinely attend and make presentations at the meeting of the American Association of Pharmaceutical Scientists (AAPS) where we host an annual Buffalo Alumni Reception. Dr. Murali Ramanathan was designated the honor of AAPS Fellow. Also, Nisha Vijay received the AAPS Graduate Student Award in PPDM at this meeting.

The department offers annual courses in Pharmacokinetic-Pharmacodynamic (PK/PD) Modeling, Antibody PK/PD, Adapt for Biologics, and Population Pharmacokinetic Modeling for visiting scientists from the pharmaceutical industry, academia, and the FDA in June, which included our 22nd session of the PK/PD Modeling course. Four of our faculty (Drs. Mager, Balu-Iyer, Straubinger, and Justko) participated in a Systems Pharmacology Workshop in Dublin in June. This event was organized by Drs. Mager, Straubinger, and Robert O’Connor of Dublin City University. Following that, Drs. Mager, Krzyzanski, and Justko presented a PK/PD Modeling course in Gdansk, Poland. This event was organized by alumnus Pawel Wiczling. Dr. Javier Blanco organized a post-graduate course in Clinical Pharmacogenetics at the University of Cordoba and gave...
Department of Pharmaceutical Sciences

Continued from page 14

several lectures at Barcelo University. Dr. Wojciech Krzyzanski coordinated the presentation of eight 2-3 day workshops in use of pharmacometric software, most kindly donated for our use by companies such as Certera and Simcyp.

Dr. Marilyn Morris served as President of the American Association of Pharmaceutical Scientists. She also received the 2013 Alumni of Distinction Award, Faculty of Pharmacy, University of Manitoba. Dr. Donald E. Mager served as President of the International Society for Pharmacometrics. Dr. Mathew Kosloski was selected for the Buffalo Pharmaceutics Graduate Scholar Award at our Annual Awards Banquet in December. Dr. Ho-Leung Fung serves as Editor-in-Chief of the AAPS Journal, while Dr. Jusko has the same capacity for the Journal of Pharmacokinetics and Pharmacodynamics. Several other faculty are active in publishing as Associate Editors and on Editorial Advisory Boards for other journals.

The department is poised for invigoration of its research and training programs. We are maintaining strong capabilities in the areas of Protein Therapeutics and Cancer Therapeutics and continuing our prominence in Pharmacokinetics, Pharmacodynamics, and Pharmacometrics.

Department of Pharmacy Practice

The 2013-2014 year brought a number of new initiatives to the Department of Pharmacy Practice, including the reinvigoration of the Research Pharmacy.

The Research Pharmacy of the University at Buffalo School of Pharmacy and Pharmaceutical Sciences (UB SPPS) is a fully licensed outpatient pharmacy. Since 1995, the Research Pharmacy has been assisting clinicians and investigators manage and execute their research. Its main objective is to help manage and coordinate investigational drug services via the specifications of clinical researchers at the University at Buffalo. It provides many services for clinicians and researchers, helping throughout the pre-study, study and post-study phases of research, focusing on the medication utilization aspects of study protocols. Along with helping direct investigational drug studies, the Research Pharmacy also serves as a resource for investigators and their staff. This commitment has always been extended to the patients served in these studies, addressing the pharmaceutical needs of the individual patient through research collaborations.

Faculty Changes

The Department of Pharmacy Practice welcomed Christopher Daly, PharmD, Clinical Assistant Professor, Nicholas Fusco, PharmD, Clinical Assistant Professor, Carolyn Hempel, PharmD, Clinical Assistant Professor, Qing Ma, PhD, Assistant Professor, Gauri Rao, PharmD, Assistant Professor, and Ashley Woodruff, PharmD, BCPS, Clinical Assistant Professor as new hires this year. The department also bid a fond farewell to Patty Havard, who left to take a Vice-Chair and Associate Dean for Professional Development, California Health Sciences University.

Special recognition to Nicole Paolini Albanese, PharmD, CDE, BCACP who was recognized as the UB SPPS Teacher of the Year and to Ashley Woodruff, PharmD, BCPS who was the recipient of the 2013 Educator/Preceptor of the Year New York State Chapter of the American College of Clinical Pharmacy. Gina Prescott, PharmD, BCPS received the Faith in Healthcare Award given by the Christina Medical and Dental Association of WNY. Karl Fiebelkorn received the 2014 Bowl of Hygeia Award from the American Pharmacists Association and Pharmacists Society of the State of New York. The Bowl of Hygeia recognizes pharmacists who possess outstanding records of civic leadership in their communities.

Congratulations to Brian Tsuji, associate professor, pharmacy practice for his receipt of National Institute of Health NIAID RO1 grant entitled “Novel PK/PD Strategies for Polymyxin Combinations against Gram-negative Superbugs”. This $4.4M five year grant is a highly interdisciplinary, collaborative, multicenter project involving world leaders in anti-bacterial pharmacology including physician scientists at Cornell University School of Medicine (led by subcontract PI Thomas Walsh and Co-I Vidmantas Petraitis), PhD pharmaceutical scientists at Monash University, Australia (led by Co-PI Jian Li, Co-Is Roger Nation, John Boyce and Juergen Bulitta, a former UB SPPS post-doc) along with Co-I Alan Forrest, UB SPPS research professor and Dr. Tsuji as PI.

The Office of Experiential Education is excited to have finalized international activities with Taipei Veterans General Hospital in Taiwan and with Project Hope at Asram Hospital in Eluru, India. These mark the first international experiential rotations in school history. We look toward expanding upon these unique opportunities for our students in the future. We were also proud to recognize the following preceptors at our annual awards social on June 24, 2014 at Pearl Street Grill:

- IPPE Outstanding Contribution Award – William Barclay (Kenmore Rx Center) Professional Practice Elective Preceptor of the Year – Kelly Verrall (Independent Health)
- J. Fred Bennes Outpatient Care Preceptor of the Year Award - Joe Khan (Walgreens Pharmacy)
- Inpatient Care Preceptor of the Year - Brian Wetzel (Catholic Health System – Kenmore Mercy Hospital)
- Pharmacy Practice Faculty Preceptor of the Year – William A. Prescott, Jr. (SUNY Buffalo / Kaleida Health – Women and Children’s Hospital of Buffalo)

Lastly, the Experiential Education Office will be working on transitioning all current IPPE-3 paperwork into eValue in the upcoming year.

The Office of Continuing Pharmacy Education (OCPE) provided ACPE pharmacy accreditation to many of our health care partners, increasing interprofessional programming opportunities. The OCPE online platform will soon provide a library of enduring educational activities for our alumni and preceptors in the local, regional and national settings.
**FACULTY**

**GRANTS AWARDED**

**July 1, 2013 - June 30, 2014**

**Pharmaceutical Sciences**

**Joseph Balthasar**  
Multiple Sponsors  
Protein Therapeutics Consortium

**Joseph Balthasar**  
Regents of the University of Michigan  
PDT-Mediated Protein or Drug Delivery for Cancer Therapy

**Joseph Balthasar**  
American Foundation Pharmaceutical Education  
AFPE Pre-Doctoral Fellowship for Frank Engler

**Sathy Balu-Iyer**  
National Heart Lung and Blood Institute  
Development and pharmacology of novel lipidic rAHF

**Javier Blanco**  
National Institute of General Medical Sciences  
Pharmacogenetics of Human Carbonyl Reductases

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

**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**  
Fonds National de la Recherche  
Mathematical Models for Drug Response in Pharmacodynamics

**William Jusko**  
Duke University  
Pharmacokinetics and Relative Bioavailability of a Liquid Formulation of Hydroxyurea in Pediatric Patients with Sickle Cell Anemia

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

**Wojciech Krzyzanski**  
AstraZeneca Pharmaceuticals LP  
Integration of lifespan modeling for predicting chemotherapy-mediated cytotoxic outcomes in tumor growth inhibition models and hematopoietic systems

**Donald Mager**  
University of Iowa  
Neonatal Anemia and Thrombocytopenia: Pathophysiology and Treatment

**Donald Mager**  
Daiichi Sankyo Pharma Development  
PK/IPD Modeling and Systems Analysis

**Donald Mager**  
SUNY Downstate  
Molecular and Clinical Pharmacology of Retinopathy or Prematurity

**Donald Mager**  
Roswell Park Alliance Foundation  
Down Syndrome: Causative Genes and Therapeutic Strategies

**Donald Mager**  
EMD Serono Research and Development Institute Incorporated  
PBPK model development for antibodies and nanobodies displaying pH-dependent target binding

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

**James O’Donnell**  
Tetra Discovery Partners  
SBIR: PDE4B Inhibitors for Treating Major Depression

**James O’Donnell**  
Tetra Discovery Partners  
PDE4D Allosteric Modulators for Treating Cognitive Impairment

**Jun Qu (Co-I)**  
National Institute of Neurological Disorders and Stroke  
Laminin Receptors and Signals in Schwann Cells

**Jun Qu**  
American Heart Association Founders Affiliate  
Biomarker Release after Reversible Ischemia

**Jun Qu**  
SUNY Downstate  
Molecular and Clinical Pharmacology of Retinopathy or Prematurity

**Jun Qu (Co-I)**  
National Institute of Dental & Craniofacial Research  
Regulation of Skeletal Development and Homeostasis by IFT Protein

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

**Dhavalkumar Shah**  
F Hoffmann La Roche Limited  
Distribution of Antibodies and its Fragments

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

**Robert Straubinger**  
National Cancer Institute  
Pancreas cancer combination therapy based on stromal modulators and nano-carriers

**Robert Straubinger**  
Merrimack Pharmaceuticals Incorporated  
M398/M310 Testing Services
Pharmacy Practice

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

Alan Forrest
Hoffmann Laroche Incorporated
*Pharmacy Roche Fellowship*

Qing Ma
National Institute of Mental Health
*Antiretroviral pharmacogenomics, pharmacokinetics and toxicity in neuroAIDS*

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

Gene Morse
Brigham and Womens Hospital
*ACTG Pharmacology Specialty Laboratory*

Gene Morse
Brigham and Womens Hospital
*AIDS Clinical Trials Group: Precautionary and Prohibited Medications Database*

Gene Morse
Social and Scientific Systems Incorporated
*A Prospective, Phase III, Open-Label Study of Boceprevir, Pegylated-Interferon Alfa 2b and Ribavirin in HCV/HIV Coinfected Subjects: Boceprevir, Interferon, Ribavirin to Treat HCV/HIV Coinfected Subjects (BIRTH)*

Gene Morse
Brigham and Womens Hospital
*AIDS Clinical Trials Group Executive Committee*

Gene Morse
Social and Scientific Systems Incorporated
*Pharmacokinetics and Drug Intervention Potential of Boceprevir in HIV/HCV Coinfected Subjects: A Substudy of A5294*

Gene Morse
Erie County Medical Center
*Adherence Program*

Gene Morse
University of Rochester
*Chronic Exposure to cART Predispose Older HIV Infected Individuals to CNS Injury?*

Gene Morse
University of Rochester
*UNYTE Translational Research Network*

Gene Morse
Brigham and Womens Hospital
*ACTG Pharmacology Specialty Lab*

Gene Morse
Brigham and Womens Hospital
*AIDS Clinical Trial Group (ACTG)-Executive Committee*

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

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

Gene Morse
Brigham and Womens Hospital
*AIDS Clinical Trial Group Administrative Supplemnt (Task Order 4)*

Gene Morse
Brigham and Womens Hospital
*AIDS Clinical Trial Group (ACTG) - Novel Formulations*

Scott Monte
National Assoc. of Chain Drug Stores Foundation
*UBSSPS & VascuScript Community Pharmacy Residency Expansion Project*

Scott Monte
VascuScript Pharmacy Incorporated
*UBSSPS & VascuScript Community Pharmacy Residency Expansion Project*

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

Brian Tsuji (Co-I)
National Institute of Allergy & 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>Gastrointestinal Site-specific Oral Vaccination Formulations Active on the ileum and Appendix</td>
<td>Schentag, Jerome J.</td>
</tr>
<tr>
<td>Targeted Delivery of Enhanced Probiotics</td>
<td>Schentag, Jerome J.</td>
</tr>
<tr>
<td>Preparation of Curcumin Softgel and its Anti-Tumor Activity</td>
<td>Havard, Patty</td>
</tr>
<tr>
<td>Cholestome Vesicles for Incorporation of Molecules into Chylomicrons</td>
<td>Schentag, Jerome J.</td>
</tr>
</tbody>
</table>
Scholarship

Pursue innovation, identify solutions and present results to enhance the local, national and international leadership of SUNY, UB and the SPPS.

Intellectual Contributions
July 1, 2013 - June 30, 2014

Pharmaceutical Sciences

Balthasar, Joseph P.

Balu-Iyer, Sathy V.


Blanco, Javier G.

Cao, Yanguang

Jusko, William J.

The Department of Pharmaceutical Sciences had 109 research articles and book chapters published.
Krzyzanski, Wojciech


Mager, Donald E.


2013 Gerhard Levy Dinner


Morris, Marilyn E.


O’Donnell, James M.


Over 170 seminars, lectures and research posters were given by the Department of Pharmaceutical Sciences.

Qu, Jun


Ramanathan, Murali


Shah, Dhavalkumar K.


Straubinger, Robert M.


Application of pharmacokinetic and pharmacodynamic analysis to the development of liposomal formulations for oncology. Pharmaceutics, 6(1), 137-174. doi: 10.3390/pharmaceutics6010137


Tu, Chengjian


Xu, Ying


Forrest, Alan

Fusco, Nicholas M.

Pharmacy Practice
Ceacareanu, Alice C.


DiFrancesco, Robin


Maponga, Charles C.

Meaney, Calvin J.


Ma, Qing


The 2013-2014 year brought a number of new initiatives to the Department of Pharmacy Practice, including the expansion of the Research Pharmacy.
Morse, Gene D.


Norgard, Nicholas B.


Prescott Jr., William A.


Rao, Gauri G.


Tornatore, Kathleen M.


Tsuji, Brian T.

**Special Honors for Faculty and Staff**

**Nicole Albanese**, clinical assistant professor, pharmacy practice, recipient, 2014 SPPS Excellence in Teaching Award.

**Peter Brody**, clinical assistant professor, pharmacy practice and Sarah Passafiume, PGY1 residency graduate, recipients of a $1000 travel scholarship from the American Association of Colleges of Pharmacy Walmart Scholars Program. The scholarship allowed them to attend the 2014 AACP Annual Meeting with the goal of strengthening trainee skills and commitment to a career in academic pharmacy.

**Alice Ceacareanu**, assistant professor, pharmacy practice, received a $530,000 award from the New York State Health Workforce Retraining Initiative. This award will allow the establishment of a certificate program for all community pharmacists practicing within, or laid off, from the New York City region to provide them with the necessary cancer knowledge to partner in cancer patient care during and after forecasted oncologist shortages.

**Robin DiFrancesco**, research assistant professor, pharmacy practice, appointed as Chair of the Society for Quality Assurance Bioanalytic Quality Section.

**Karl Fiebelkorn**, clinical associate professor, pharmacy practice, recipient, American Pharmacists Association Foundation Bowl of Hygeia Award. The award recognizes pharmacists who possess outstanding records of civic leadership in their communities and encourages pharmacists to take active roles in the affairs of their respective communities. In appreciation of his tireless support of community pharmacists, Fiebelkorn was recognized by Rochester Drug Cooperative with the Professor Karl D. Fiebelkorn Award in Independent Pharmacy, given to students interested in independent community practice.

**Caroline Hempel**, clinical assistant professor, pharmacy practice, recipient of the 2014 Rho Chi Outstanding Alumni Award.

**Marilyn Morris**, professor, pharmaceutical sciences, named a UB Distinguished Professor. The UB Distinguished Professor designation recognizes full professors who have achieved true distinction and who are leaders in their fields.

**Gene Morse**, professor, pharmacy practice, as Co-PI was awarded a SUNY 4E Planning Grant for their proposal, “Conference to lay groundwork for SUNY Global Health Institute.” This award supported a two-day forum for developing integration, a long-term vision and a business plan to mentor faculty for highly competitive applications that will foster technology innovation and promote regional and global economic opportunities.

**Kathleen Tornatore**, professor, pharmacy practice, selected as Vice-Chair of the Organ Dysfunction Scientific Group within American Society of Pharmacology and Therapeutics.

**Joshua Sawyer**, clinical assistant professor, pharmacy practice, recipient of the 2014 Rho Chi Excellence in Teaching Award.

**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.

**Kelly Tooley**, recipient, 2014 SPPS Staff Member of the Year Award.
Thanks to You

It takes generosity and commitment to build a community of discovery and care. We are grateful to our alumni, friends, faculty and staff whose support is critical to our school’s continued success.

Yes! Every gift, no matter the dollar amount, helps us improve the school.

Your generosity provides support in so many areas: special programs, faculty research, lecture series, student travel funds and equipment upgrades.

Your support for scholarships also makes an immediate difference to our students. Just take a look at the photo above – these smiling faces are just some of our deserving students who have received scholarships.

In their own words, they express their genuine gratitude and explain how these scholarships have helped them accomplish their academic goals:

DeAnna Nigro, recipient of the Crimaldi-Madejski Scholarship, says the award allowed her “to continue my studies and pursue my dreams. It is an honor to have been given this incredible gift! This scholarship has helped me with my tuition and allowed for opportunities that I would not have been able to participate in.”

Peter Fendt, one of the students to receive the Henry A. Panasci Scholarship, said it is helping him complete his studies: “For years I have been looking forward to the opportunity to practice pharmacy and to impact the lives of many people. Thank you so much for your generosity, and for assisting me in achieving this goal.”

And Tyler Mullen, recipient of the David and Jane Chu Scholarship, said the funds go “a long way toward alleviating not only the financial, but also the psychological burden of paying for my education. It means a great deal to me.”

In the following pages, you’ll read about two alumni who recently established funds to provide scholarships to our students, and about a company that is partnering with us to support groundbreaking research.

All your gifts are investments in the future of pharmacy and pharmaceutical sciences. So, thank you for giving. Your generous donations ensure we can continue to deliver excellence in academics and research in these fields.
Pharmacy graduate Carol Gloff ’75 was one of those lucky students who was good at math and science, excelling in those subjects during high school in Little Valley, a small town in New York’s Southern Tier.

Her luck continued when she enrolled at the University at Buffalo, where, coming from a small town, she was relieved to feel welcomed by fellow students and faculty.

“It was like a family for me,” Gloff recalled. “My first two years, I was in the general population, taking pre-pharmacy classes with 400 students. In my third year, now in pharmacy school, there were 84 in my class. It was a smaller school within a big school.”

She also made friends as a member of the UB marching band, for which she played clarinet in the fall of 1970, “the last year before UB dropped football for a few years,” Gloff said.

After graduating, Gloff’s propensity for hard work helped create more good luck as she built a varied and successful career. She spent brief stints as a hospital pharmacist – at the University of Rochester’s Strong Memorial Hospital – and at a midsized pharmacy company – Pennwalt – before moving west to earn a doctorate in pharmaceutical chemistry at the University of California in San Francisco.

From there, she began to have the most fun someone can have while working. She took a job with Triton Biosciences; as a small company, it allowed Gloff to try her hand at a variety of tasks.

“I learned a lot,” she said. “My job description was to be involved in developing new therapeutic agents, and was I ever: I managed toxicity studies at contract labs, coordinated formulation development work, and wrote up studies for the U.S. Food and Drug Administration among other projects.”

She moved east to Massachusetts and served as vice president of regulatory affairs for two more companies before forming her own consulting firm. For 18 years, Gloff has advised medical product companies and academic institutes on product development, regulatory affairs, quality, compliance and specific scientific topics such as pharmacokinetics.

What does she like best about being a consultant?

“I really like the flexibility; it enables me to continue my career and do a lot of other things,” said Gloff, who works as hard as a volunteer as she does for her business. In addition to previously serving on the town board in Natick, Mass., and as adjunct assistant professor at Boston University, Gloff has been president of the UB Alumni Association since 2013.

Gloff is excited about changes in the UBAA for alumni.

“We voted to drop membership dues for the UBAA. Everyone who graduates from UB will automatically be a member,” she said. “I’m hopeful that as the word gets out, alumni will start thinking more about UBAA and UB as sources of career support, for networking with other alumni and interacting with UB on a fun basis: at football and basketball games, fine arts and distinguished speaker events, even Hump Day Hangouts on Wednesdays.”

The UBAA also is working to build pride in UB athletics – “That’s something that brings all of us together” – to promote the outstanding research done at UB, and to celebrate renowned accomplishments of UB alumni through the Alumni Association Achievement Awards, she added.

Gloff credits her success to the education she received from UB and to the private scholarships and awards she received that helped her pay for college.

“They helped me to go to pharmacy school and get the education that enabled me to take my career as far as it has gone,” she said. “Without that financial support, I’m not certain I would have been able to do that.”

As a result, Gloff has pledged – through a bequest commitment – to establish a scholarship fund for UB students, including those enrolled in pharmacy and pharmaceutical sciences. “I have had a successful career and I would like UB students to have the same opportunities that I had,” she said.

Does she have any regrets?

None, except, perhaps, not continuing her music. “I haven’t kept up with my clarinet playing, so don’t ask me to play,” she said, laughing.

If you’d like to learn more about establishing a scholarship endowment for UB Pharmacy students, please contact Leigh Yates at 716-645-3432 or ltyates@buffalo.edu.
CLASS OF 1950
Mortar and Pestle Club
Sylvia Giordano

CLASS OF 1951
Loyalty Club
John Hackney Jr. Robert Wagar

CLASS OF 1952
Willis G. Gregory Society
Milner Forster
Gerald Hooley
Joseph Sterman
Century Club
Peter Shakarjian
Loyalty Club
Marian Barnes

CLASS OF 1953
Willis G. Gregory Society
Harold Ertman
Frank Messere
Joseph Morczyński
Mortar and Pestle Club
Nina Doran
Robert Doran
M. Donald Pritchard
Century Club
Edward Briggs
John DeBalski
William Hill
John Oakes
Henry Raczka
Loyalty Club
Donald Clark
David Fake
June Feuerstein

CLASS OF 1956
Willis G. Gregory Society
Spencer Bickel
Joseph Chazan
Algirdas Gamziukas
Helaine Gamziukas
Ronald Isaacs
Century Club
Jerry Ross
Loyalty Club
Anne Allen
Louis Bien
Mary LaCroix

CLASS OF 1957
Willis G. Gregory Society
Bruce Moden
Century Club
Harry Shifton
Loyalty Club
Harold Honig

CLASS OF 1958
Century Club
Morton Abramson
Richard Polakoff

CLASS OF 1959
Willis G. Gregory Society
Rose Mary Madejski
Robert Miller
Mark Rosenfeld
Leonard Rosokoff
Joseph Voelkl
1886 Club
Paul Myka
Century Club
Marshall Cohen
JoAnn Giambelluccia Skaros
Loyalty Club
David Hammond
Joan Hector

CLASS OF 1960
Willis G. Gregory Society
Margaret Quinn
Century Club
Murray Notabeart
Sandra Stanbridge
Loyalty Club
Phyllis Betzler
Richard Cory
Barbara Darstein

CLASS OF 1961
Willis G. Gregory Society
Vitauss Alks
Bernard Esch
Camille Passarella
Mortar and Pestle Club
William Schack
Loyalty Club
Symond Jacobson
Janice McGuigan

CLASS OF 1962
Willis G. Gregory Society
Heather Ackley
William Ackley
Robert Vince
Century Club
Robert GiacQuinto
Richard Reuning

CLASS OF 1963
Loyalty Club
Robert GiacQuinto
Richard Reuning

CLASS OF 1964
Willis G. Gregory Society
Vitauss Alks
Loyalty Club
Clayton Merlihan
Crescenzio Schettini

CLASS OF 1965
Willis G. Gregory Society
Allen Barnett
William Jusko
1886 Club
Norrine McMillan

Mortar and Pestle Club
Chester Hejna
Century Club
Robert Hammond
David Sperling
Loyalty Club
Wayne Conrad

CLASS OF 1966
Willis G. Gregory Society
Alex Cardoni
Judith Cardoni
Robert Vincent
Mortar and Pestle Club
Linda Edelman
Century Club
Diane Mangus
Raymond Napierala
Loyalty Club
Barbara Kowalski

CLASS OF 1967
Willis G. Gregory Society
Gary Mosher
Thomas Quinlan
Century Club
Charles Bainbridge
Donald Goelz
Edward Moszczak
Loyalty Club
Reginald Ameele
Judith Kocher
Gerald Mulcahy
Robert Van Slyke

CLASS OF 1968
1886 Club
Ronald Lamb
Century Club
Carol Bainbridge
Nancy Bapst
Richard Ersing
Joel Ross
David Schultz
Janet Whalen
Loyalty Club
Richard Reuning

CLASS OF 1969
Willis G. Gregory Society
Ronald Evens
Century Club
Elaine Cozzarini
Stuart Feldman
Jennifer Hampshire
John Proctor
Ralph Wynn
Gary Zimmerman
Loyalty Club
Glenn Richards

CLASS OF 1970
Willis G. Gregory Society
William Jusko
1886 Club
William Glave
Mortar and Pestle Club
Gail Guzzo
Loyalty Club
Jeffrey Baldwin
Daniel Delecki

CLASS OF 1971
Willis G. Gregory Society
Anna Mack
Michael Mayerson
Howard Weintraub
Mortar and Pestle Club
Margaret Rapp
Century Club
Michael Constantino
Loyalty Club
Michael DiPirro
Maxwell Gryzwyna
Barbara Potenski
Stanley Szeffler

CLASS OF 1972
Willis G. Gregory Society
John Kapoor
Mortar and Pestle Club
Arthur Jacknowitz

CLASS OF 1973
Willis G. Gregory Society
Brian Huckle
1886 Club
Paul Lipinoga
Mortar and Pestle Club
Marcia Dunham
Margaret Rapp
Century Club
Robert Wagner

CLASS OF 1974
Willis G. Gregory Society
Vitauss Alks
George Laszekkay
Mortar and Pestle Club
Wendy Pritchard
Century Club
Marshall Biber
Bruce Roche
Ann Toscano
Loyalty Club
Theresa Chiaravalloti
Anne McConnell
Sima Peckler
Elaine Phelan
Richard Posner

CLASS OF 1975
Willis G. Gregory Society
David Chu
Jane Chu
Carol Gloff
Wai-Yung Florence Ho
Henri Hu
Lawrence Kwok
Michael Levitt
Sue Marr
Edward McNiff
Ken Yee
1886 Club
Svein Oie
Mortar and Pestle Club
Jeanne Lill
Century Club
Marshall Biber
Barbara Edwards
Linda Lombardi
David Smith
John Toscano
Loyalty Club
Gerald Braun

CLASS OF 1976
Willis G. Gregory Society
Michael Jay
Edward McNiff
Mario Roccì Jr.
Mortar and Pestle Club
Daniel Winters
Century Club
Allen Rosman
Loyalty Club
Beth Targoff

CLASS OF 1977
Willis G. Gregory Society
Susan Jay
1886 Club
Sum-Yee Woo
Century Club
Wing Lun
Michael Shakarjian
Loyalty Club
Helen Abasute
Paul Corey
Felicia Czekaj
Jo Anne Giblin
Mary Ann Hallenbeck
Doreen Heppert
Jacob John Utzig

CLASS OF 1978
Willis G. Gregory Society
Karl Fiebelkorn
George Laszekkay
1886 Club
Jacqueline Stahl
Mortar and Pestle Club
Brenda Castiglia
Suzanne Castine
CLASS OF 1978 cont.
Century Club
Marlene Gregory
Nicholas Honcharik
Stephen Horhota
June Johnson
Paul Korus
Mary Kroetsch
John Lettieri
Kenneth Nantka
Susan Rozek
Bruce Sakowitz
Loyalty Club
Colleen Clifford
Mary Nufryk
CLASS OF 1979
Willis G. Gregory Society
Don Daly
Lyn Daly
Carol Donn
Tina Fiebelkorn
1886 Club
Kathryn Lyons
Christopher Zusi
Mortar and Pestle Club
Margaret Johnson
Christopher Oravetz
Century Club
Catherine Cmaylo
Loyalty Club
Virginia Molkentin
Rosemary Silvestrini
CLASS OF 1980
Willis G. Gregory Society
Gene Morse
1886 Club
Lynda Haberer
Kathleen Mrzinski
Mortar and Pestle Club
Michael Darby
Peter Illig
Thomas Streeter
Century Club
Peter Chakos
Craig Kirkwood
Sandra Schifano
Loyalty Club
Patricia Christoff
Diana Clarke
James Fitzgerald
Sheryl Liedtke
Patricia Palumbo
Thomas Szalkowski
Patricia Ziegler
Sandra Zukoski
CLASS OF 1981
Willis G. Gregory Society
Mary Anne Dannenhoffer
Stephen Giroux
Elizabeth Ludwig
Walter Ludwig
Mario Roccio Jr.
Mark Stramaglia
Kathleen Tornatore
Century Club
Steven Chao
Joseph Geraci Jr.
Eugene Hughto
Mark Kroetsch
Ellen Rosenberg
Ronald Schifano
Loyalty Club
Donna Carr
Valerie Haarmeyer
Rita Keller
Joseph Nasca
Judith Nasca
Mary Priscilla Sedgwick
Margaret Szalkowski
CLASS OF 1982
Willis G. Gregory Society
Mark Celeste
Thomas Madejski
Margaret McGlynn
1886 Club
Karl Metzger
Mortar and Pestle Club
Diana Richardson
Century Club
Laura Bernstein
Karen Brim
Chuiling Yang
Loyalty Club
Amy Bradley
Paul Cain
Stephen Connor
Michelle Eimer
Joyce Tischler
CLASS OF 1983
Willis G. Gregory Society
Joseph Balwierzcz
Diane Bassanello
James Ermer
Edward McNiff
Gene Morse
Alfonse Muto
John Rodgers
Mortar and Pestle Club
Mark Sinnett
Century Club
Paul Cavanaugh Jr.
Judith Geibuesch
Craig Kirkwood
Harvey Lisch
Chris Nwankwo
Loyalty Club
James Wattengel
Louise Wendel
CLASS OF 1984
Willis G. Gregory Society
James Baxter
Elizabeth Ludwig
Marlyn Morris
Rachel Spire Smith
Thomas Smith
Mortar and Pestle Club
Edward Bednarczyk
Century Club
Susan Fagan
Mary Lyn Herzog
Nicholas Honcharik
Loyalty Club
John Slaney
CLASS OF 1985
Willis G. Gregory Society
Jane Hickey
Mortar and Pestle Club
DeWitt Niles ’62
Century Club
Allan Barchet ’65
Ralph Behling ’39, ’40
Thomas Blanchard ’61
Daniel & Gayle Brazeau ’89
Robert ’53 & Nina Doran ’53
Joseph Figlow ’70
Edward ’52 & Jean Frank ’54
Carol Gloff ’75
Joel Goodrich ’59
Rose Mary Madejski ’59
Robert Miller ’59
DeWitt Niles ’62
Robert Ravin ’57
Irving Sultz ’55
Ralph Vescio ’55
Pierce Weinstein ’39, ’44
To learn more or to notify the school of a legacy gift that you have planned, please call the development office at 716-645-3432 or visit our web site at pharmacy.buffalo.edu.

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 Hayes Society

Allen Barnett ’65
Ralph Behling ’39, ’40
Thomas Blanchard ’61
Daniel & Gayle Brazeau ’89
Robert ’53 & Nina Doran ’53
Joseph Figlow ’70
Edward ’52 & Jean Frank ’54
Carol Gloff ’75
Joel Goodrich ’59
Rose Mary Madejski ’59
Robert Miller ’59
DeWitt Niles ’62
Robert Ravin ’57
Irving Sultz ’55
Ralph Vescio ’55
Pierce Weinstein ’39, ’44

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 Hayes Society

Allen Barnett ’65
Ralph Behling ’39, ’40
Thomas Blanchard ’61
Daniel & Gayle Brazeau ’89
Robert ’53 & Nina Doran ’53
Joseph Figlow ’70
Edward ’52 & Jean Frank ’54
Carol Gloff ’75
Joel Goodrich ’59
Rose Mary Madejski ’59
Robert Miller ’59
DeWitt Niles ’62
Robert Ravin ’57
Irving Sultz ’55
Ralph Vescio ’55
Pierce Weinstein ’39, ’44

To learn more or to notify the school of a legacy gift that you have planned, please call the development office at 716-645-3432 or visit our web site at pharmacy.buffalo.edu.

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 Hayes Society

Allen Barnett ’65
Ralph Behling ’39, ’40
Thomas Blanchard ’61
Daniel & Gayle Brazeau ’89
Robert ’53 & Nina Doran ’53
Joseph Figlow ’70
Edward ’52 & Jean Frank ’54
Carol Gloff ’75
Joel Goodrich ’59
Rose Mary Madejski ’59
Robert Miller ’59
DeWitt Niles ’62
Robert Ravin ’57
Irving Sultz ’55
Ralph Vescio ’55
Pierce Weinstein ’39, ’44

To learn more or to notify the school of a legacy gift that you have planned, please call the development office at 716-645-3432 or visit our web site at pharmacy.buffalo.edu.
Loyalty Club
Century Club
Willis G. Gregory Society
ClASS OF 1996
Kevin Jinks
Loyalty Club
Paul Badore
Kristen Czerow
Susan Hartfield
Connie Langley
Khanh Nguyen
Catherine Reinard

CLASS OF 1993
Loyalty Club
Z. David Luo
Mark Moran
Deborah Newman
Ronald Sykurski
Paula Weibel

CLASS OF 1994
1886 Club
Elizabeth Bachert
Century Club
Sean Fetzer
Loyalty Club
Debbie Lisitsky-Reed
Thomas Witman

CLASS OF 1995
Willis G. Gregory Society
Sherrill Spires
1886 Club
Joseph Sidoti
Century Club
Jamie Belcastro
Suzanne Bischoff
Michael Chen
Loyalty Club
Donna Aiken
Andrea Avidano
Phillip Baker
Courtney Gullo
Alicia Thompson

CLASS OF 1996
Willis G. Gregory Society
Christina Fullerton
1886 Club
Mohammad Tabrizi
Loyalty Club
Julie Joyce
Mostafa Macida
Caryl Moreale
Senliang Pan
Jeanine Thompson
Doanh Tran

CLASS OF 1997
Century Club
Sheila Beurket
James Gaiser III
Haijing Mei

CLASS OF 1998
Willis G. Gregory Society
Yu-Nien Tom Sun
Elizabeth Theophilus
Century Club
Erica Givens
Trudy Thedford
Loyalty Club
Patricia Heary
Melissa Hudson
Michael Koncilia

CLASS OF 1999
Willis G. Gregory Society
Pichun Chu
Mortar and Pestle Club
Lonny Winter
Century Club
Stanley Au
Michael Cascia
Bradley Chase
Althia Hamilton
Haijing Mei
Linda Pan
Karen Seiler
Richard Suba
Loyalty Club
Maria Dybala
Meera Mehta
Richard Norris
Keith Wagner

CLASS OF 2000
Century Club
Stanley Au
Karen Seiler
Loyalty Club
Maria Dybala
Lynne Marie Kilner
Christie Tokrywczynski
Keith Wagner

CLASS OF 2001
Willis G. Gregory Society
Jean Jacob
Century Club
Anne Huselstein
Kevin Mills
Linda Pan
Kenneth Sansone
Loyalty Club
Carrie McClintic

CLASS OF 2002
Willis G. Gregory Society
Peter Brody Jr.
Mortar and Pestle Club
Jeffrey Scott

Century Club
Eric Greenberg
Loyalty Club
Melanie DeTone
Joanne Greenia
Elizabeth Miles
Joseph Miles
Eric Sawey
Nathalie Toussaint

CLASS OF 2003
Mortar and Pestle Club
Jennifer Summerville
Loyalty Club
Jeffrey Fong
Frank Pietrantoni
Virginia Tawa

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

CLASS OF 2005
Willis G. Gregory Society
Yan Ji
Mortar and Pestle Club
Michael Milazzo
Century Club
SoSum Chack
Katherine Juba
Doanh Tran
Siu Yan Amy Yeung
Loyalty Club
Lynn Carlson
Sarah DeLuca
Roseane Santos
Karen Wailand-Conrad

CLASS OF 2006
Century Club
Alicia Burger
Sadat Yorose
Loyalty Club
Cindy Bednasz
David Hutchinson
Gregory Thuber

CLASS OF 2007
Willis G. Gregory Society
Richard Lin
Century Club
Robert Angelo
Eric Cudziel
Amit Garg
Lynn Montelone
Loyalty Club
Cheryl Haag
Jonathan Lamping
Navind Oodit
Kristin Spencer
Nathaniel Turk

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

CLASS OF 2009
Willis G. Gregory Society
Alyssa Murphy
Liliana Yohonn
Century Club
Timothy Chiang
Loyalty Club
Amy Hall
Laurie Macander

CLASS OF 2010
Willis G. Gregory Society
Peggy Lee
Dong Liu
Century Club
Gary Greco
Andrew Tong
Loyalty Club
Azalaha O’Banyoun
Emily Obrist

CLASS OF 2011
Century Club
Surajkumar Bhansali
Loyalty Club
Melissa Apa
Kyle Mack
Kristina Marchese
John Nguyen

CLASS OF 2012
Willis G. Gregory Society
Christopher Daly
Century Club
Xiling Jiang
Loyalty Club
Jeffrey Balsam
Kristina Grove
Maria Landicho
Sarah Mark
Katherine Olson
Vanessa Schmouder
Andrew Shick

CLASS OF 2013
Century Club
Jason Lee
Loyalty Club
Michelle Mancuso
Jonathan Rabey

CLASS OF 2014
Century Club
Nicholas Filk
Loyalty Club
Femi Adepinna
Christopher Barbour
Jeffrey Baron
Michael Bear
Matthew Brennan
Elizabeth Dahl
Georgia Di Fiore
Sarah Farr
Lindsey Feuz
Kristen Fodero
Nicholas Hopwood
Courtney Kelchlin
Gregory Koopman
Julia Kuroski
Justin Lenhard
Katherine Manou
Kristin Martinez
Christina Matthews
Samantha Mattison
Kayla Maxwell
Kristen Mazurkiewicz
Cara McGarry
Dana Munn
Melissa Rozek
Khadeeja Saleh
Alexander Schapart
Sarah Schena
Bethany Woods

CLASS OF 2015
Century Club
Kelley Nghiemi

CLASS OF 2016
Century Club
Alexandra Markus
Sharif Solomon
Alfred Yeung

CLASS OF 2017
Century Club
Jared Moore
Loyalty Club
Courtney Cardinal

DONOR HONOR ROLL

This report includes donors who made gifts and planned gift commitments between July 1, 2013, and June 30, 2014. 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: $300 - $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, 2013, and June 30, 2014. 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.
HONORARY AND MEMORIAL GIFTS

In Memory of William Ackley '62
Valerie Haarmeyer '61
In Memory of Alexander Aversano '36
Anthony and Camille Passarella
In Memory of Robert Cooper
Elaine Cozarrin '69
In Memory of Lois D'Ambrosio
Cindy Bednasz '06
Tad D'Ambrosio
Robin DiFrancesco
William '65, '70 and Margaret Jusko
Colleen Robinson
In Memory of Lori Esch '97
Bernie '61 and Coraline Esch
In Memory of Avery Ellis
Ken and Elaine Kellick
In Memory of Jan Madeski '59
JoAnn Giambelluca Skaros '59

In Memory of Robert Miller '59
Dan and Gayle Brazeau '89
Leonard '59 and Phyllis Rosokoff
William Schack '61
JoAnn Giambelluca Skaros '59
Leigh Yates
In Memory of Michael Munella '16
Femi Adesina
Cynthia Acara
Christopher Barbour
Jeffrey Baron
Michael Bear
Jennifer Berryman
Kathleen Boje
Matt Brennan
Courtney Cardinal
Elizabeth Dahl
Georgia Di Fiore
Sarah Farr

Lindsey Feuz
Nicholas Filk
Kristen Fodero
Denise Grisanti
Nicholas Hopwood
Gregory Jordan
Kris Jordan
Courtney Kelchlin
Cindy Konovitz
Gregory Koopman
Julia Koroski
Justin Lenhard
Katherine Manou
Alexandra Markus
Kristin Martinez
Christina Matthews
Samantha Mattison
Kayla Maxwell
Kristen Mazzurkiewicz
Cara McGurry
Jared Moore
Gene Morse
Dana Munn
Kelley Nghiem
Melissa Rozeck
Edward Russak
Khadeeja Saleh
Alexander Scheper
Sarah Scken
Sharif Soleman
Christine Stumm
Kathleen Tornatore
Bethany Woods
Alfred Yeung
In Honor of Abbas Tabrizi-Fard
Mohammad Tabrizi '96
In Memory of Brian Weibel '97
Paula Weibel '93

CORPORATIONS, FOUNDATIONS AND FRIENDS

WILLIS G. GREGORY SOCIETY
Air Products Foundation
Brigita Alks
American Diabetes Association
American Foundation for Pharmaceutical Education
American Heart Association Founders Affiliate
American Heart Association National Center
The American Kennel Club
Amgen, Inc.
Wayne and Lorraine Anderson
Sathy and Vandana Balu-Iyer
Maria Bardos
Charles Bauda
Ted Begenisch
Marlene Bickel
Dan Brazeau
CCS Oncology
CPL Associates, L.L.C.
CVS Caremark Charitable Trust, Inc.
Daichi Sankyo Company, Limited
Daichi Sankyo Pharma Development, Inc.
Raymond Dannenhoffer
JoAnn Donn
Ann Ertman
Coraline Esch
Fonds National De Le Recherche
Forster's Pharmacy, Inc.
Leung and Sun Mi Fung
Genentech, Inc.
Carolyn Giroux
GPi, Inc.
Health Foundation for Western and Central New York
Mary Hu
ICON Development Solutions, LLC
Independent Health Association, Inc.
Janssen Pharmaceutica, Inc.
Janssen Research and Development, LLC
Johnson & Johnson
Raymond Johnson
Margaret Jusko
John and Editha Kapoor Charitable Foundation
Kinex Pharmaceuticals, LLC
Lina Kwok
Gerhard and Rosalyn Levy
Sandra Madeski
Mae Stone Goode Trust
McKesson Corporation
Merck Foundation
Virginia Messore
Middleport Family Health Center
Sharon Miller
William Morris
Esther Mroczynski
Murdock Children's Research Institute
NACDS Foundation
National Multiple Sclerosis Society
Novartis Pharmaceuticals Corporation
James and Kim O'Donnell
David and Jan Panasci
Faye Panasci
Henry A. Panasci, Jr. Charitable Trust
Camille Passarella
Pfizer Foundation
Rite Aid Corporation
Donna Rocci
Coleen Robinson
Rochester Drug Cooperative, Inc.
Simcyp, Limited
Frances Tan
Tops Markets, LLC
Elizabeth Way
Walgreens
Wal-Mart Stores, Inc.
Wegmans Food Markets, Inc.
William Wallace and Leigh Yates

1886 CLUB
2121 Main Street Pharmacy, Inc.
Robin DiFrancesco
Family Medical Pharmacy, Inc.
Fillmore Pharmacy, Inc.
Cindy Konovitz
Eli Lilly and Company Foundation
Todd Nelson
Pharmacists' Association of Western New York
Pharmacy Society of Rochester
Edward Russak
J. Rutowski Pharmacies

MORTAR AND PESTLE CLUB
Akron Pharmacy/Town Country Gifts
Jennifer Berryman
Bristol-Myers Squibb Foundation, Inc.
The Ellicottville Pharmacy
Holland Pharmacy, Inc.
Joseph Izzo
Ken-Vil Associates, Ltd., PRTS
Mobile Pharmacy Solution
Mylan Institute of Pharmacy
Novartis
Prize's Pharmacy
Cynthia Acara
Denise Grisanti
Seymour Margolis
Candise Morris
Christine Stumm

CENTURY CLUB
The Boeing Company
Rebecca Brierley
GlaxoSmithKline
Gregory and Kris Jordan
Ken and Elaine Kellick
Hong Li
Nancy O'Neil
Lawrence Rozek

LOYALTY CLUB
Cynthia Acara
Denise Grisanti
Seymour Margolis
Candise Morris
Christine Stumm
AVERSANO-STROZZI SCHOLARSHIP FUND
Sara DelVecchio
Madeline Waldron

ALLEN BARNETT FELLOWSHIP IN PHARMACOLOGY
Xiaowen Guan

JENNIE BAUDA DEMUTH SCHOLARSHIP FUND
Jaclyn Kotula

DAVID & JANE CHU SCHOLARSHIP FUND
Spinel Karas
Elizabeth Lakota
KwanNok Leung
Jessica Meyers
Tyler Mullen

ROBERT M. COOPER SCHOLARSHIP FUND
Brittany Boland
Adam Heiermann

CRIMALDI-MADEJISKI SCHOLARSHIP FUND
DeAnna Nigro
Angeline Walker

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

X. DAVE D’AMBROSIO SCHOLARSHIP FUND
Jacqueline Meaney

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 Orlofsky
Jinhee Park
Saloni Patel
Brittany Slocum
Bethany Wattengel
Stephanie Waugh
Jennifer Wiafe
Samantha Will
Natalie Winters
Francine Yung

ROFESSOR KARL D. FIEBELKORN AWARD IN INDEPENDENT PHARMACY (ROCHESTER DRUG COOPERATIVE)
Brian Bowman
Charles Hinton

LYLE A. GRAVES SCHOLARSHIP FUND
Jessica Choi
Keith Dolcy

Adam Heiermann
Maria Janda
Alexander Keller
Benjamin Kematch
Sara Kim
Nicole Kostrzebski
Wesley Kufel
Eric Lenhard
Karen Louie
Bryan Mogle
Andrew Newberg
Tiffany Pan
David Smith
Thomas Steele
Timothy Zablocki
Alexander Zach
Senbin Zhang

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

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

JOHN KAPOOR FELLOWSHIP IN PHARMACEUTICAL SCIENCES
Veena Thomas

GILBERT J. KULICK SCHOLARSHIP FUND
Colleen Gordon
Suo Karas

LORREN LARWOOD SCHOLARSHIP FUND
Hye Ji Kim
Sonja Kim
Hengxin Lin
Sophia Min
Esra Mustafa
Hanh Nguyen
Christina Wang

FRANCIS & EDWARD MAYER SCHOLARSHIP FUND
Mario Beccari
Alain Nguyen
Quynh-Anh Pham
Jacob Reaser
Haihui Wu

WILLIAM MCOACH SCHOLARSHIP FUND
Mohamed Ismail
KwanNok Leung
Feng Lin
Thanh Nguyen
Minhh Nguyen Dang
Alex Principino
Ahmed Saeed

Mridul Singh
Jia Ying Situ
Betty Vu
Carmen Yu
Yip-Kee Zou

CECIL & VIOLET NEWTON SCHOLARSHIP FUND
Ahmed Abd-erlahman
Kwadwo Baah
Justin Bader
Rayn Bailey
Matthew Belair
Brittany Boland
Brian Bowman
Zackery Bulman
Hee Young Byun
Rebecca Campbell
Mariely Castaneda
Esther Cha
Man Ting Chan
Yu Sun Chang
Janet Chen
Susan Chen
SeongJun Choi
Nichole Cipparauolo
Collin Clark
Danielle Davide
Vincent Della Valle
Sara DelVecchio
John Diep
Heather Dillenbeck
Ryan Dillon
Peter Fendt
Patrick Galdun
Colleen Gordon
William Gavin
Megan Gee
Brittany Giuga
Heather Grove
Matthew Hantitz
Kristin Hart
Charles Hinton
Caitlin Hoar
Spinell Karas
Eun Tae Kim
Hyunghoo Kim
Jaclyn Kotula
Cristina Kowalczyk
Elizabeth Lakota
Vincent Mark
Jessica Meyers
Amanda Mogul
Tyler Mullen
DeAnna Nigro
Julie Obenaucer
Jovin Panthapattu
Samsad Pavel
Kyle Polanski
Ayaj Porosh
Kelly Ross
Rachael Scott
Thomas Tamul

Anthony Torres
Manav Wahi
Madeline Waldron
Christina Wang
Johnny Want
Corey Wells
Brandon Wolski
Victoria Wronski
Sammy Yafai
Alfred Yeung
Qianqian Yin
Jonathan You
Wai In Yu
Nahid Zaman
Cody Zhang
Liang Zhuo

HENRY A. PANASCI SCHOLARSHIP FUND
Ahmed Abd-erlahman
Justin Bader
Peter Fendt
Kelly Ross
Corey Wells

COPEL & MAX RUBENSTEIN SCHOLARSHIP FUND
Matthew Belair

UB SCHOOL OF PHARMACY AND PHARMACEUTICAL SCIENCES ALUMNI ASSOCIATION SCHOLARSHIP FUND
Kevin Szeto
Somalis Tien
Manav Wahi
Angeline Walker

UB SCHOOL OF PHARMACY AND PHARMACEUTICAL SCIENCES GOLF TOURNAMENT SCHOLARSHIP FUND
Bisi Aiyelabowo
Megan Gee
Tyler Mullen
Alain Nguyen
Kelly Ross
Jennifer Wiafe

WALGREENS SCHOLARSHIP FUND
Raheal Boad-yebboah
Kezia Gravesande
Christ Ange Katche
Brenda Olivo
Emmanuel Jean Simon

WALMART SCHOLARSHIP FUND
William Gavin

WOMEN’S CLUB OF COLUMBIA SCHOLARSHIP FUND
Mario Beccari
Vincent Mark
Bethany Wattengel
Victoria Wronski
Pharmacy alumnus knows the value of scholarships for UB students

Gerald (Jerry) Hooley ’52 arrived at UB with no money to speak of, but a great deal of desire.

Hooley, who graduated from UB wearing the sport coat he bought when he was 15 years old, recently made a pledge to establish a scholarship fund for UB pharmacy students. “I’m interested in providing scholarships for students with financial need because I’ve been there,” he said. “I hope the scholarship will give recipients inner motivation.”

Hooley worked fulltime for a year at Barger and Wright Pharmacy in North Buffalo, where co-owner Richard Wright was a positive influence on him and helped steer him toward studying pharmacy at UB. What he lacked in funds, Hooley more than made up for in hard work during his academic and professional careers. “I’ve always been a worker and I learned quickly,” said Hooley.

While serving in the U.S. Army following graduation, Hooley was stationed in Colorado, where a chance meeting with the president of the State Board of Pharmacy led to Hooley catching a ride with him to take the state boards and obtain a reciprocal license. “He asked me a question from the test in the car on the way home, and I answered it,” Hooley said. “He then told me, ‘If you’d gotten that right, you would have gotten 100 on the exam.’”

Eventually, Hooley saved enough to buy his own place – Dunne’s Pharmacy in South Buffalo, which a friend encouraged him to purchase. “I went to see it, and I looked around the place for maybe 20 minutes. I noticed there was a church across the street from the pharmacy and a parking lot behind it. So I took it. Some people – like me – make decisions quickly like that,” he said.

Hooley found working as a pharmacist highly satisfying – mostly because he appreciated the respect people showed him in his profession. “A pharmacist was not just filling the prescriptions. He was part of the community and was respected by the community,” Hooley said. “He would go to your house and go over your medications with you. And pharmacists respected and helped their customers. I once lent a man money for a down payment on his house.”

Hooley also liked conducting business face to face with his customers. “I liked the personal contact with people; I knew everybody. And in those days, if you filled 25 to 30 prescriptions, you thought you had a big day,” he said. “You talked with the customers, you knew who they were,” he said.

He owned and operated Dunne’s for more than 30 years, selling the store and retiring in 1994. He spends his winters in Florida, playing bridge and golfing.
CCS Oncology supports UB research to promote safe medication use

Taking multiple medications together can be risky. Preventing drug interactions and adverse drug interactions is a primary focus for Gene D. Morse, PharmD ’83, ’81. Morse, SUNY distinguished professor of pharmacy practice and associate director of the UB Center of Excellence in Bioinformatics and Life Sciences (CBLS), is working with UB colleagues in computer sciences on improved safeguards for cancer patients with a mix of health problems, prescriptions and non-prescription medicine.

Their approach to implementing research on safe dosing methods has turned heads. Now, some of that attention has translated into significant support.

Sam Yi, medical director of CCS Oncology, a comprehensive cancer services practice with nine locations throughout Western New York, took notice and sees many benefits to collaborating with UB. Cancer patients often are prescribed complex blends of medications for their treatments so preventing drug interactions and adverse reactions for them is of utmost importance.

“Dr. Morse’s vision offers a novel system that maximizes the likelihood of identifying preventable medication-related events,” Yi said. “I envision that UB will work with our oncologists and other medical specialists to design and investigate algorithms for maximizing the use of both cancer drugs as well as the prescription and non-prescription medications and herbal remedies that our patients commonly use during their treatment period.”

The partnership also offers CCS patients the chance to participate in “the new approaches that will use the latest in health care information technology to evaluate those with the greatest chance of promoting patient safety,” Yi said.

CCS has pledged $915,000 to ensure the groundbreaking approach to patient safety research can be established in Western New York and continue, Yi said, calling the gift “our way of contributing to new advances led by UB.”

Morse is director of the Medication Management Research Network Patient Safety Organization (MMRN PSO) at UB, federally certified by the Department of Health and Human Services through the Agency for Health Research and Quality, and initiated as a UB2020 project under the Health and Wellness across the Lifespan Strategic Strength. PSOs examine patient safety events and strive to identify, analyze, prevent, reduce and eliminate risks and hazards associated with the delivery of patient care. These organizations approach patient safety mechanisms differently and UB’s strategy has been focused on medication safety. The UB MMRN PSO collaborates with practices to enhance patient safety and quality of care through analysis of reports submitted by practices for high-risk patient populations.

“Dr. Yi was interested in trying to help us figure out basically how to do this,” says Morse. “That’s really where the support came from. My view is that the university has a role to do research and figure out the best methods to implement, and then, at some point, hand it off to companies to actually do this.”

Jeffrey Lombardo, PharmD, ’04, patient safety officer at the CBLS and research assistant professor in the SPPS, is a key member of Morse’s team with 20 years of oncology experience. “With the movement toward oral medications in oncology, many are transported during absorption and metabolized primarily in the gastrointestinal tract and in the liver, a prime arena for drug-to-drug interactions to occur. These mechanisms are also under genetic regulation and will offer an opportunity to include an individual patient’s genetic characteristics into the development of precision medicine approaches. The PSO reviews that information, formulates a patient safety medication review and sends the report back to the prescriber that certain items are for consideration and monitoring. It recognizes unsafe conditions and provides evidence-based recommendations so that the practice site can put a plan in place. I think this program is going to produce positive outcomes and better patient safety.”
Alumni Relations

The support of our alumni is invaluable. Their efforts and assistance in student programming, community advocacy and advancement of research and practice carry on a proud tradition in the SPPS.

The 2014 Annual Awards Ceremony showcased the SPPS Alumni Association’s premier alumni awards: the Willis G. Gregory Memorial Award and the Orville C. Baxter Memorial Professional Practice Award.

Academic year 2013-14 was a great year for alumni engagement. A record number of alumni turned out for the 2013 Student Scholarship Golf Tournament as well as supported various student activities at the school such as participating as speaker panelists, guest lecturing as well as precepting.

The Gregory Award, the association’s premier award, bears the name of our 4th Dean and is given to an outstanding alumni pharmacist who personifies the ideals of service, integrity and is a consummate pharmacy professional. The Baxter Award, bears the name of a long standing faculty member, and is given to an outstanding alumni pharmacist who demonstrates high ideals of professionalism and genuine care for patients.

We were proud to recognize Joseph Voelkl ’59 as our 2014 Willis G. Gregory Memorial Award recipient and Mark Sinnett ’88 ’87 as our 2014 Orville C. Baxter Memorial Professional Practice Award recipient. Joseph and Mark were recognized for their meritorious contributions to the profession of pharmacy.

Our 2013 Reunion brought alumni from near and far as they cheered on UB Bulls Football, toured Kapoor Hall and ended reunion festivities with a gala dinner, at the historic Lafayette Hotel, in honor of Dean Wayne Anderson’s retirement. Alumni participated in tributes to Dean Anderson and all wished him well as he begins this new chapter in his career.

The 2013 American Society of Health Systems Pharmacists Mid-Year Alumni and Friends Reception was held in Orlando with great attendance from our alumni, faculty, students and friends. This was the first ASHP reception the new Dean, Dr. James O’Donnell, had the pleasure of officiating. Dean O’Donnell gave opening remarks about his direction for the school and had the opportunity to meet many pharmacy alums. We remind all alumni who attend the ASHP mid-year meeting to look for the association’s annual reception – at the 2015 meeting in New Orleans. It is a great way to reconnect with your alumni colleagues, faculty and students from the school.

One of the primary missions of the association is support of students. The association organized a Farewell Celebration Reception for the PharmD graduates of the Class of 2014 at Banchetti’s Restaurant. Introductory comments were given by Professor Fiebelkorn and Dean O’Donnell and the Class of 2015 Officers presented the 2015 Instructor Award to Vicki Rink, research technician. Students were also recognized for academic and philanthropic contributions to the school. The reception was well attended and a great success! Also in 2013, the association gave six ‘grants-in-aid’ awards to needy PharmD students as well as recognized Dana Munn ’14 with the 2014 Pharmacy Student Alumni Award for her valuable contributions to the alumni association.

The alumni association values the support it gives to the school and students as well as the important role it plays in keeping our alumni informed and connected to each other and activities here at the school.
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.
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), Kathy Boje, Peter Brody (nonvoting), Jack Brown, Karl Fiebelkorn, Jennifer Hess, Wojciech Krzyzanski, Mohamed Mohamoud, Marsha Nelson, William Prescott, Mark Wrobel, Mary Wurm-Schaar
Rebecca Martin (P1), Jennifer Rafferty/Brenda Basile (P2), Nicholas Ladziak (P3), Cara McGurry (P4)

Curriculum Committee
Nicole Albanese (Chair), Kathleen Boje (nonvoting), Karl Fiebelkorn, Peter Brody, Deborah Chiarella (nonvoting), Fred Doloresco, Patty Havard, Donald Mager, William Prescott (nonvoting), Murali Ramanathan, Christine Stumm (nonvoting), Erin Slazak, Robert Wahler, Mary Wurm-Schaar (nonvoting), Mark Wrobel, Kerry Archer (P1), Jennifer Rafferty/Brenda Basile (P2), Nicholas Ladziak (P3), Cara McGurry (P4)

Executive Committee
James O’Donnell (Chair), Nicole Albanese, Joseph Balthasar, Edward Bednarczyk, Kathleen Boje, Rebecca Brierley, Peter Brody, Karl Fiebelkorn, Jennifer Hess, William Jusko, Cindy Konovitz, Candise Morris, Marilyn Morris, Gene Morse, William Prescott, Mark Wrobel, Mary Wurm-Schaar, Leigh Yates, Jennifer Berryman (recording secretary)

Safety Committee
Cindy Konovitz (Chair), Robert Chau, Vicki Rink, David Soda, Leona Zak

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

Tenure and Promotion
Wayne Anderson (ex officio), 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
Executive Vice President, CCO
Incyte Corporation

Karl Donn, ’79
Vice President, Drug Development
Parion Sciences

James Ermer, ’83
Senior Director, Clinical Pharmacology & Pharmacokinetics
Shire Pharmaceuticals

Ronald Evens, ’69
President
MAPS 4 Biotec, Inc.

Mark Gurney
Chairman and CEO
Tetra Discovery Partners

Steven Hansel, ’93
Senior Director
Pfizer, Inc.

George Lasezkay, ’74, ’78
Retired, Corporate Vice President, Corporate Development
Allergan Pharmaceuticals, Inc.

Margaret McGlynn, ’82
President and CEO
International AIDS Vaccine Initiative

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
Principal
Drug Development Consulting, LLC

Michael Taylor, ’81
President and CEO
Deciphera Pharmaceuticals

Avi Yacobi, ’75
President
DOLE Pharma, LLC

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.
2015 REUNION CELEBRATION WEEKEND

OCT. 2-3, 2015

Join us for UB’s 2015 Homecoming and SPPS 2015 Reunion

Events will include:
Speaker panels, tours, UB Bulls Football, All Alumni Cocktail Reception and other class specific reunion activities

Reunion Events being planned for all 5th year classes: 1955 – 2010

Registration will begin August 2015

QUESTIONS OR HELP PLAN YOUR CLASS SPECIFIC EVENT:
Office of External Affairs: phm-alumni@buffalo.edu or 716-645-3340