SHORTLY INTO MY FIRST YEAR AS PRESIDENT OF the College, I had a conversation with Larry Doud, the CEO of Rochester Drug Cooperative. I asked Larry about the qualities he looks for in new graduates. He said, “I want them to be practice ready. They need to hit the ground running and be able to solve practical, everyday problems.”

I have thought a lot since then about what it means to be practice ready and have had numerous conversations with faculty, alumni, and preceptors about this subject.

Educating students to be practice ready is always a challenge for a professional school, particularly one focused on pharmacy and the health sciences. There is always conflict about which new subjects to include and which ones to leave out. That is especially true today when our knowledge of human biology and the very practice of health care are changing at unprecedented rates.

While being practice ready is clearly important, we need to strive for something even better. To enjoy success across an entire career, you must be able to anticipate, and adapt to, the shifting demands of your profession. In other words, you need to go Beyond Practice Ready.

Beyond Practice Ready is the name of our current fundraising campaign, but it is not simply a campaign title or marketing slogan. It is a philosophy that we are integrating across all areas and functions of the College, and the Campaign is one of the ways we are working to support those efforts.

To go beyond practice ready is not so much learning a new set of subjects as it is about developing an attitude. It is about being resourceful, adaptable, inventive, and even a little entrepreneurial.

But how do you teach this attitude? How does someone learn these characteristics? Pharmacy education has always had a strong experiential component and pharmacy practice experiences can be transformative. That is the motivation behind creating our two student operated pharmacies in medically underserved areas of the Capital Region. The first pharmacy – which opened in March – is located in the Hometown Health Centers clinic in Schenectady. The second pharmacy will open in Albany later this year.

These pharmacies are not traditional community pharmacies. They are linked directly to clinics thereby allowing delivery of a wider range of health care services. Being situated in medically underserved areas provides the added benefit of helping serve our communities while exploring a broader scope of health care practice.

These pharmacies will provide students from across all of our programs with a range of entrepreneurial and health care related learning experiences and opportunities. These may include learning how to run a business, the proper way to conduct point of care testing, or learning to counsel and educate community members – just to name a few.

Regardless of their field of study, the students involved in these pharmacies will gain experience that goes beyond the classroom and will benefit them throughout their lives.

Though we are just now formalizing the rollout of our Beyond Practice Ready initiatives, there has been a long line of individuals from ACPHS who have exemplified this approach. We have selected six of these alumni, faculty, and staff to feature in this magazine to illustrate how the Beyond Practice Ready attitude can pave the way for a lifetime of sustained success.

No one knows what the future holds, but one thing is certain – change is coming. Going Beyond Practice Ready will allow ACPHS graduates to become future leaders of health care.
A STRATEGIC PLAN IS, ABOVE ALL ELSE, A PLAN. Like all plans, it guides one’s thinking, but more often than not, it needs to be adjusted in response to a fluid and dynamic world.

Over the past two years, the ACPHS community has worked together to create a Strategic Agenda derived from our Strategic Plan (which was completed in 2012).

The goal of the Strategic Agenda is not to replace the existing Strategic Plan but rather to articulate the original vision in a context that sets priorities and specific metrics.

Since launching this initiative, we have held two Campus retreats, several town hall meetings, and established focus groups for each of the five imperatives of the Strategic Agenda. This community-wide effort has involved faculty, students, academic administration, and professional staff.

Not surprisingly, some aspects of the Strategic Agenda’s implementation have moved faster than others. As you will read, tangible progress has been made in several key areas while other areas present more complex challenges that are not as easily resolved.

Despite the varying degrees of progress to date, our efforts continue to be guided by one unifying principle – to create the best academic experience possible for ACHPS students.
1. PHARM D+

**OBJECTIVE:** The expansion of pharmacy schools across the country has resulted in a more competitive landscape, not only for attracting students, but also for our graduates gaining employment. We must explore curricular, pedagogical, and programmatic approaches to enhance the competitiveness of our students in the workplace and to make our program stand out from others. In short, we need to define the “+” in PharmD+.

**UPDATE:** A key point of emphasis in the PharmD+ initiative is to adjust the core pharmacy curriculum to provide students with greater flexibility to focus on specific career paths within pharmacy.

One of the areas being explored is the bundling of designated professional electives to create pathways leading to certificates. The coupling of a certificate and a Pharm.D. degree will provide students with a level of expertise beyond the “standard” Doctor of Pharmacy, thereby creating a point of differentiation for ACPHS students when competing with graduates from other schools.

The Vermont Campus will refine this approach further by developing new courses focusing on primary care and working with the medically underserved. This curricular focus will provide graduates who choose the primary care option with the ability to quickly transition into settings such as physician offices and ambulatory care clinics while at the same time helping meet the expanding need for primary care services.

As part of this initiative, the College’s Vermont Campus is also piloting a longitudinal community pharmacy Introductory Pharmacy Practice Experience (IPPE) with a small cohort of students. Instead of the IPPE taking place in the summer as it does now, the College is considering offering the IPPE during the spring semester so that students can better connect their classroom work and their practice experiences. Based on the positive feedback from the first group of students to test this model, a decision has been made to expand the program for the 2016-17 academic year.

The College’s two student operated pharmacies (see page 7) will offer additional integrated learning opportunities – ranging from counseling patients to running a business. These experiences will not only enhance a student’s education, but it will provide them with benefits that will extend throughout their careers.

2. ENHANCING ACADEMIC PROGRAMS, EXISTING AND NEW

**OBJECTIVE:** We need to think strategically about which programs in addition to pharmacy we want to emphasize, i.e., which ones will attract students and provide the greatest opportunities for our graduates. To be a sustainable, vibrant institution, we need at least two large undergraduate degree programs (with 100 students or more) and one large graduate program (50 students or more). These programs need to be aligned with our core strengths and the pharmacy program. Our conversation will define the best prospects for programmatic enhancement and growth.

**UPDATE:** In spring 2016, the College announced that it would be adding a B.S. program in Public Health, offering a strong complement to the current program mix focused on health and health care. Students will be eligible to enroll in the Public Health program beginning in fall 2016.

In conjunction with the introduction of the B.S. in Public Health, a new Department of Population Health Sciences was created as part of a strategic realignment for the College. The new department will house the B.S. in Public Health and the existing M.S. in Health Outcomes Research, a pairing that links two programs with natural synergies and strong potential for growth.

In addition to these efforts, ACPHS is developing online certificate programs targeting emerging skill sets being sought by employers in the current health care and research environment. Proposed disciplines for graduate certificate programs include Nanomedicine, Pharmacovigilance (Drug Monitoring and Safety), Regulatory Science/Affairs, and Economics of Healthcare. The first certificate courses are expected to be offered beginning in the 2016-17 academic year.

Plans include the ability for individuals to pursue a single certificate program or combine multiple certificates to earn a master’s degree.

3. CENTERS OF EXCELLENCE

**OBJECTIVE:** Centers of Excellence provide a focus for faculty scholarship, research, and pedagogical innovation. They also provide a focus for fundraising opportunities. A Center of Excellence will consist of a cluster of faculty working on a common overarching problem. Centers can house endowed chairs, professorships, lecture series, core facilities, grant opportunities, and student research opportunities. Centers will foster interactions that allow faculty and students to work in interdisciplinary collaborative teams. Our strategic conversation has explored the themes and sustainable models for these Centers.

**UPDATE:** The most efficient and effective way to establish Centers of Excellence at a small college is to build out from existing areas of strength. In 2015, the College asked faculty and staff to submit ideas that had the potential to become Centers of Excellence.
Following review of the proposals, two Centers of Excellence concepts have been selected for development. One proposal is focused on Epigenetic Studies; the second proposal centers around Anti-Microbial Drug Resistance. Each of these disciplines includes an existing foundation of ACPHS faculty experts with demonstrated research achievements in the field.

The College next plans to bring in an external consultant to work with the groups to refine the mission and operation of each Center. The groups have also submitted a “fundraising” whitepaper that articulates to a non-scientific external audience the vision and need for their Center.

These activities are viewed as developmental steps that will eventually lead to the launch of two Centers of Excellence, and ultimately, a stronger research environment at ACPHS.

4. THE STUDENT EXPERIENCE

OBJECTIVE: We need to continue our work on developing a vibrant campus community. We need to build activities that create a strong interface between academic affairs and student affairs. Co-curricular and extra-curricular activities must link what happens in the classroom with what happens outside the classroom, providing a holistic student experience. Our conversation will explore how we can build this type of experience and how we can enhance our campus life. We will explore the human, physical, and technological infrastructure requirements to develop such a student experience.

UPDATE: To create the best possible experience for its students, a College must offer a complementary mix of academic and non-academic programming. Advising and mentoring play key roles in helping ensure the ideal balance is achieved for each student.

During the 2015-16 academic year, the College began offering new monthly training sessions for faculty advisors to help refine their counseling and advising skills. In parallel with this effort, a “Coffee Talk” series was launched for first year students. These informal discussions provide a relaxed setting for students to discuss anything on their mind with a member of the Student Affairs staff.

In the area of mentoring, one new program was kicked off and another one expanded. A new initiative launched in response to student feedback uses the LinkedIn platform to connect students with alumni. The initial feedback from both students and alumni on this effort has been very positive. Additionally, the College’s renewed effort to increase the number of peer mentors on campus resulted in 140 applications for 89 positions.

The response allowed every student seeking an upperclass student mentor to be matched with one, including all students on the Vermont Campus.

Looking ahead, the College will be pursuing a prestigious Community Engagement Classification from The Carnegie Foundation. To receive this designation, institutions must demonstrate, among other things, how they “prepare educated, engaged citizens; address critical societal issues; and contribute to the public good.”

5. CORPORATE RELATIONS AND THE TEACHER-CONSULTANT MODEL

OBJECTIVE: ACPHS has had strong historical ties to various sectors of pharmacy and the pharmaceutical industry. We need to institutionalize these ties in more formal ways and provide greater experiential learning access to industry for our students. Our practices involving rotations, internships, fellowships, and residencies need to be aligned. Strategic partnerships with specific organizations and corporations need to be developed in an intentional manner. As these partnerships grow, there will be opportunities for faculty and student consulting projects, and we need to build the business development infrastructure to support this activity. Our strategic conversation will center on how we build these corporate relations and the sectors on which we will focus.

UPDATE: Three key initiatives have been identified as vehicles for building and enhancing the College’s ties with businesses and corporations: (1) Fellowships/residencies/internships that split between ACPHS and the corporate partner, (2) ACPHS educational programs or certificate offerings (in-person and online) for employees at these institutions and organizations, (3) Business consulting services that would be performed by students under the guidance of ACPHS faculty and staff.

Following the establishment of these three areas of focus, a follow-up survey was sent out to faculty and staff at the College. More than 50 individuals responded that they would be interested in participating in one or more of these initiatives, with each identifying specific areas of interest and strength.

We have decided to first target corporations that are local to our campuses and those which we have pre-existing relationships. Five companies have been identified as potential partners for one of the above mentioned initiatives.

Feedback from these initial outreach efforts will be used to further refine the College’s corporate relations strategy as we explore additional partners and opportunities.
THE FACE
OF NEIGHBORHOOD
HEALTH CARE
announced plans in 2015 to launch two not-for-profit community pharmacies in medically underserved areas of the Capital Region. The first pharmacy - College Hometown Pharmacy - opened in March 2016 in the Hometown Health Centers clinic in Schenectady, NY. The second pharmacy, College Parkside Pharmacy, will open in summer/fall 2016 in the South End of Albany.

Each pharmacy will offer the dual benefit of (1) providing a distinctive and innovative experience for ACPHS students and (2) improving access to pharmacy and health care services for members of the local community.

MEETING AN EDUCATIONAL NEED
The pharmacies will allow student pharmacists to develop and refine their advanced practice skills. As full-service pharmacies, they will include point of care screening services coupled with associated disease state counseling.

Under the supervision of a licensed pharmacist, students will have opportunities to expand their patient counseling skills in areas that may include:

- Anticoagulation Management
- Medicare Part D Plan Finder
- Blood Pressure Screening
- Disease Management and Prevention
- Medication Therapy Management
- Cholesterol Screening
- Self Care
- Osteoporosis Screening
- Immunization Therapy
- Wellness Counseling

In addition to the clinical skills needed to be a successful pharmacist, students will learn the essential business skills required to successfully manage a pharmacy. The ACPHS pharmacies will provide hands on experience in revenue analysis, inventory turnover analysis, break-even analysis, and pharmacy cash-flow analysis. Through their experiences in the pharmacies, students will be better prepared to “think like entrepreneurs,” proactively seeking out opportunities not only for operational efficiencies and growth but for creative health care business models.

The additional time spent working with real patients in real clinical settings combined with the managerial problem solving skills required to run a pharmacy will ensure ACPHS students are Beyond Practice Ready when they graduate.

MEETING A COMMUNITY NEED
The unfortunate truth is that the nation’s lower income communities do not attract as many retailers and providers of services as more affluent areas. Pharmacy is no exception. Medical and public health services also lag in these areas.

A study in the November 2014 issue of Health Affairs found that from 2000-2012 the number of pharmacies in predominantly Hispanic and black communities of Chicago declined by 17% and 11% respectively. Over that same period, the number of pharmacies in Chicago’s white communities increased by 30%.

According to the study’s authors, the exodus of pharmacies from underserved areas has led to the creation of “pharmacy deserts.”

Furthermore, the National Center for Health Statistics reports that in 2013, 8.4% of primary care physicians would not accept new patients. The acceptance of Medicaid patients is even more severe with 35% of physicians not taking new Medicaid patients. Lower income areas with predominantly Medicaid populations are clearly not getting the primary care services they need.

MEETING FUTURE NEEDS
In addition to dispensing medications and providing related services, each pharmacy will serve as a “collaboratory” where the College will partner with local health care providers to jointly offer an expanded range of clinical services. The pharmacies will be “convenient care” centers much like commercial retail clinics, but will offer a broader range of services associated with patient wellness.

The ability to share space with a physician or nurse practitioner, for example, will ensure patients have convenient access to multiple levels of health care. It will also help prepare students to serve as part of a health care team, one of the core tenets of a patient-centric approach to care.

Plans for the student operated pharmacies include space where students will be able to host educational forums about certain health topics or disease states, thereby expanding the learning experience to include a component of public health.

The ACPHS student operated pharmacies will serve as prototypes for health care in disadvantaged areas of the Capital Region. They will avoid the expansion of pharmacy deserts by allowing for improved access to prescription medications and preventive health care services in medically underserved areas.

Over time, the College envisions the pharmacies emerging as the “face of neighborhood health care.”
ONE STEP AHEAD
ROB DICENZO, PHARM.D., BCPS, FCCP, EMBODIED the attitude of Beyond Practice Ready long before the term was coined by ACPHS President Greg Dewey.

The Senior Associate Dean of Academic Affairs and Operations – who was promoted to the newly created position at the start of the 2015-16 academic year – has consistently worked throughout his career to keep pace, and stay one step ahead of, the changes in his profession.

After years of working as a clinical pharmacist at Rochester General Hospital, Dr. DiCenzo decided to expand his clinical skills and practice opportunities by pursuing his Doctor of Pharmacy at Albany College of Pharmacy and Health Sciences. Remember, this was a time when the Pharm.D. was an advanced degree, not the minimum requirement that it is today for entry level pharmacists.

As he was finishing up his Pharm.D., Dr. DiCenzo received an offer from the University at Buffalo (where he received his bachelor’s degree) to complete a two year fellowship in Antiretroviral Pharmacology and Pharmacometrics. “The opportunity wasn’t something I had planned for, but I figured it could only help me,” says Dr. DiCenzo. And it did.

The fellowship became a springboard for his entree into academia. He received an academic appointment as an Assistant Professor at the University at Buffalo in 2000 and began developing a research program in the Infectious Disease Division of the Department of Medicine at the University of Rochester Medical Center.

It was an historic time in the practice of medicine and pharmacy as researchers were beginning to harness the power of combination therapies in treating HIV/AIDS patients.

Dr. DiCenzo explains, “We now had these good therapies, but we still needed to understand how best to dose patients in order to increase adherence, decrease adverse events, and optimize individual patient outcomes. This was particularly difficult when patients had handfuls of pills to take each day. A lot of the research that I did centered around optimizing these patients’ medication regimens.”

In 2008, he left his position as Associate Professor at the University at Buffalo to join the founding team at the St. John Fisher College Wegmans School of Pharmacy as the Director of Experiential Education. He was at the school for three years before being named Chair of the Department of Pharmacy Practice at ACPHS.

Without necessarily planning it, his range of previous experiences – clinical pharmacist, fellow, educator, administrator, researcher – had coalesced to provide him with the ideal background for the Chair position. You might say he was Beyond Practice Ready.

Dr. DiCenzo arrived at ACPHS in 2010 during a transitional time for the College, and in particular, the Department of Pharmacy Practice. The department had not had a permanent leader for nearly a decade, and there was now a second Department of Pharmacy Practice on the Vermont Campus which was headed by its own chair.

“My focus at that time was to provide stability for the department while working to facilitate better integration between the two campuses,” he says. “Working with Dean Angela Dominelli, we rolled out a plan to merge the two departments into a single unit during the 2012-13 academic year.”

Fast forward to today and the two departments have been successfully combined, with Vermont now benefitting from a dedicated Vice Chair position. Dr. DiCenzo, however, continues to look ahead.

In his new role, he will be focused on the mission and goals of both the School of Pharmacy and Pharmaceutical Sciences and the College. Initiatives will include helping define and implement the PharmD+ initiative (see page 4); working closely with faculty to incorporate the new active learning classrooms into the curriculum; and identifying opportunities to integrate the student operated pharmacies into coursework, practice experiences, and other curricular and co-curricular activities.

And if that’s not enough, this spring Dr. DiCenzo began a two year term as President of APhA’s Academy of Pharmaceutical Research and Sciences which includes a place on their Board of Trustees. He acknowledges it will be a demanding role, but he is motivated by the opportunity to “keep on the cutting edge of what’s happening in our profession.” After all, it’s something he’s been doing his whole career.

BY CONTINUING TO CHALLENGE HIMSELF, SENIOR ASSOCIATE DEAN ROB DICENZO HAS HELPED REDEFINE WHAT IT MEANS TO BE A PHARMACIST.
STANDING UP FOR STUDENTS
WALK INTO WENDY NEIFELD WHEELER’S OFFICE any time of day, and one thing will strike you immediately. She’s standing.

She uses a standing desk to help keep her back healthy, but it provides an appropriate metaphor for her position as Dean of Students. She can be counted on to stand up for the needs and interests of each student at the College.

Advocating for students is nothing new for Dr. Neifeld Wheeler, but doing it at ACPHS is a change. Prior to joining the College last summer, she had spent the previous 29 years at the College of St. Rose.

Her roles there included: Director of Residence Life, Assistant Director of Counseling and Psychological Services, Coordinator of the Risk Assessment and Alcohol Awareness Project, Chief Judicial Officer, and Director of Parent and Family Relations.

She readily admits that the St. Rose community was like family, and while she had occasionally explored other opportunities through the years, it was a place that felt like home.

Despite her known feelings for St. Rose, she was contacted by a former colleague last spring to see if she would be interested in the Dean of Students opening at ACPHS. “I thought, ‘I’ll take a look,’” she says. “But the more I learned, the more I realized that this was really an incredible opportunity. It had so many pieces of the work that I had done before and other things I was interested in doing.”

She decided to formally apply for the position, and each step along the way she became more excited about joining ACPHS. “Every time I met with a person from the College, visited the campus, or communicated with someone from the search committee, I felt a tug. It was a feeling that ‘you can do more than just fit in here, you can make a contribution.’”

Near the end of the interview process, Dr. Neifeld Wheeler gave a presentation in which all members of the ACPHS community were invited to attend. A young female student approached her following the presentation and explained that she had attended each of the candidates’ talks and that Dr. Neifeld Wheeler’s stood out from them all. She added, “You can make a difference here.”

It was a powerful moment for Dr. Neifeld Wheeler who now meets regularly with the young woman to discuss issues related to the College and beyond. “I was taken aback with her words, her thoughtfulness, and her courageousness. I come home that day and told my husband that it didn’t matter whether or not I was offered the position. The fact that this student made it a point to tell me what she did – that was more important to me than the ultimate outcome.”

Clearly, this student was not the only one impressed by Dr. Neifeld Wheeler. She was offered the position, accepted, and began on July 1, 2015.

In less than a year, Dr. Neifeld Wheeler has quickly embraced the Beyond Practice Ready approach. One of her top priorities is to encourage students to reach out to members of the local community in new and different ways. This community engagement philosophy will involve broadening education and programming surrounding LGBT needs, homelessness, and other social issues. In Dr. Neifeld Wheeler’s words, “We want to prepare our students for working with more disenfranchised clients” – an effort that aligns well with one of the core objectives of the student operated pharmacies.

She will also be leading the charge for the College to obtain the Carnegie Foundation’s Community Engagement Classification. This prestigious designation is awarded to schools with an institutional focus on community engagement.

As she reflects back today on her decision to join ACPHS, she says, “You have an innate, gut feeling when a place is the right fit. You may or may not be able to pinpoint a specific moment of realization, but you will know. I’ve lucked out with a Capital L.” So has the College.
DEREK PETERSON’S GOAL HAD ALWAYS BEEN TO work in the pharmaceutical industry as a Medical Science Liaison. He pursued the Pharm.D. degree on the ACPHS-Vermont Campus (graduating in 2015) because he knew it would prepare him well for such a role.

For those unfamiliar with the position, a Medical Science Liaison (MSL) meets regularly with physicians, helping ensure products are being used effectively and serving as a resource for scientific related questions and information.

To help further prepare himself (and other classmates) for a career in industry, Dr. Peterson started a student chapter of the Industry Pharmacists Organization near the end of his third professional year. Despite the fact that he would soon be heading out on his fourth year rotations, Dr. Peterson still played an active role in the group’s first year activities, making presentations and arranging for guest speakers.

Everything was proceeding according to plan until his final year as a pharmacy student when a rotation at the headquarters of Amgen set him on a different path. “You tend to work alone as an MSL, and I realized at Amgen how much I liked working in a team environment,” he says. “I also saw the benefit of being involved with the planning and brand strategy that takes place in-house, and how valuable it is to have that experience before heading out into the field as an MSL.”

Following the Amgen rotation, Dr. Peterson reset his sights from a field-based industry fellowship to one focused on in-house functions. He applied to the Rutgers Pharmaceutical Industry Fellowship program – the biggest (and most competitive) program of its kind for the pharmaceutical industry – and was accepted into the two-year program. He is now a Postdoctoral Fellow at Bristol-Myers Squibb (BMS) in Princeton, New Jersey.

There are approximately 120 fellows at nearly 20 different pharmaceutical companies in the Rutgers program, and in addition to their day-to-day responsibilities, the group meets every two weeks to participate in a Professional Development Series. Much as he did at ACPHS, Dr. Peterson has taken an active role with this group, serving as co-chair of the Series’ committee, where he helps choose discussion topics for each meeting, plan the content, and recruit guest speakers.

During his first year at BMS, he is working in the Immunoscience therapeutic area, helping support Orencia, a drug for rheumatoid arthritis. He will spend six months apiece with the Medical Information and Medical Strategy teams.

As part of the Medical Information team, he will split his time between responding to “medical information requests” (inquiries from health care practitioners) and “promotional review,” which focuses on customer-facing communications.

“When you are able to watch something go from concept generation to the customer’s hands, you develop an appreciation for how scrutinized the process is. I knew it was an extremely regulated industry, but I had no idea how much effort goes into making sure information is transparent and balanced.”

In Medical Strategy, he will work with colleagues to determine the various medical meetings the Orencia team will attend in 2016, and more specifically, what they will be discussing and presenting at these meetings. He will also do competitive research, assessing new medications coming to market and determining if/how they will compete with BMS products.

Dr. Peterson will transition to a new therapeutic area in July 2016 – Immuno-Oncology Publication Strategy – where he will focus on high impact journals, helping manage the publications for a specific product in the BMS portfolio.

He was also recently selected for the honor of serving as one of two Co-Chiefs for the entire fellowship program. In this multi-faceted leadership role, his responsibilities will include promoting and encouraging the growth of each of the 160 fellows in next year’s program.

It’s a lot to manage, but he is often reminded of why he does it all. “We have patients who come to our Professional Development Series, and you listen to their stories,” he says. “It almost brings tears to your eyes when you hear how they have benefitted from these products. It reminds you why you are coming to work every day. It’s all about the patients.”

Dr. Peterson hasn’t closed the door on becoming an MSL one day, but for now, he’s focused on completing his fellowship and seeing what type of in-house opportunities are available to him in industry. Regardless of what he decides to do, there’s no question that he will be Beyond Practice Ready when he begins the next phase of his career.
A CPHS President’s Report

The Top One Percent
The score speaks volumes for the quality of Dr. Glass’ research, but it also reflects the importance of the work she is doing. The focus of her efforts centers on bromodomains which are small protein modules contained within larger protein structures. Scientists have identified approximately 60 human bromodomains and organized them into eight families.

Bromodomains play a critical role in the body by influencing the expression of genes in our cells. These interactions drive a range of biological processes, including in some cases, the onset or advancement of disease.

Scientists have long understood the influence and importance of bromodomains, but until recently, they were largely thought to be inaccessible as drug targets. In 2010, however, two separate labs demonstrated that small molecules could be developed to inhibit the actions of bromodomains. These findings have fueled great interest in bromodomains as potential new drug targets for preventing or reducing the risk of disease.

Each of the 60 bromodomains has been identified and mapped, but researchers still do not know a lot about their biological function. Dr. Glass’ first grant focused on a single bromodomain in Family IV named BRPF1.

In the new grant, Dr. Glass will study all seven bromodomains in Family IV. The focus of these efforts will be to determine whether there is a consistent method for how the bromodomains in Family IV function.

“While bromodomains offer great promise as potential drug targets, it is difficult to move forward with the development of new drugs until we better understand the biological function of each bromodomain,” said Dr. Glass. “Once, however, we are able to better document how bromodomains work, our ability to develop next generation drugs targeting cancer and other diseases will improve significantly.”

The research success of Dr. Glass is also good news for ACPHS students, several of whom assist her in the lab. “Pharmacy students have a great background for research as a result of coursework in disciplines such as math, physics, and chemistry,” she says. “I’m impressed by how quickly they hit the ground running once they begin working in the lab.”

This ability to draw upon their education, adapt to new situations, and contribute to a team will no doubt serve these graduates well throughout their careers – just as it has for Dr. Glass.
ASSOCIATE PROFESSOR PAUL DENVIR BELIEVES THAT EFFECTIVE PROVIDER-PATIENT COMMUNICATION IS KEY TO IMPROVING HEALTH OUTCOMES.

PAUL DENVIR, PH.D., ARRIVED AT ACPHS SIX YEARS AGO admittedly feeling a bit out of place. Without the benefit of a group of like-minded peers, the communication scholar began talking with clinical faculty at the College about potential collaborations, and in the process, he found a new focus for his research. Today, Dr. Denvir is applying his interest in provider-patient interaction to a different and understudied type of provider – the pharmacist.

If you look at the arc of Dr. Denvir’s career, it might appear he arrived at this point after following a precise plan, but he readily admits that was never the case. “I believe a lot of life is capitalizing on serendipitous opportunity. Being attuned to what is available to you. Explore. Taste. Try. I try to tell this to students all the time.”

An advanced degree was never even on his radar until a faculty member suggested he consider graduate school while he was a senior at the College of St. Rose. He decided to continue his education at the University at Albany where he received a master’s degree in Interpersonal and Intercultural Communication and then eventually a Ph.D. in Sociology (with a concentration in Health Communication).

While at UAlbany, he began working closely with Dr. Anita Pomerantz, one of the foremost authorities in the field of Conversation Analysis. This emerging field closely examines the details and dynamics of social interaction, emphasizing the significance of word choices, intonation patterns, and nonverbal cues in communication outcomes.

“At the time I was in school, there were a lot of people who were using Conversation Analysis to ‘improve the toolbox.’ I was more interested in using the tools to address problems instead of making more tools. That was a big turn for me professionally, and I’ve really embraced that approach here at ACPHS,” he explains.

Working with both students and faculty members such as Drs. Jeffrey Brewer and Katie Cardone of the Department of Pharmacy Practice, Dr. Denvir has been recently studying the communication skills required to successfully engage patients in Medication Therapy Management (MTM).

From a communication perspective, there are three parts to an MTM consultation. The first, and often most difficult phase, is persuading the patient to participate in a medication review. Once the patient agrees to an MTM consultation, the pharmacist has to successfully elicit information about their symptoms, medication usage, lifestyle, and other factors that may impact their health and wellness. Lastly and most importantly, the pharmacist must help the patient understand the critical importance of adherence in any future medication regimen.

“For me, adherence is the heart of matter,” he says. “If the patient struggles with adherence, then all of the quality work that leads up to this point goes out the window. My training gives me a way to assess provider-patient communication and produce recommendations on how to improve these engagements.”

Dr. Denvir will also play a key role in the College’s new Bachelor’s in Public Health program which evolved from the former B.S. in Health and Human Sciences. The new program will increase the emphasis on the social and behavioral aspects of public health, including elements of health outcomes research and data analytics. The program faculty have been using the phrase “scientifically grounded, socially engaged” as a compass point for the new direction.

He believes the Public Health program will appeal to a wider range of students. “I talk with many prospective students who have a strong sense of altruism and would like to direct those interests into patient care, but who may be uncomfortable with the one-to-one dynamic. I tell them to start thinking about a community or a population as their patient. That’s when they see another avenue open up to them.”

The term Beyond Practice Ready means different things for different people. For Dr. Denvir, it means helping students develop outstanding patient communication skills, not just outstanding clinical care skills. “Communication is not some ideal overlay that you add on. It’s a skill set, and it’s every bit as important as your ability to order and interpret the results of a test.”
CLINICAL STUDY
NABEELA AHMED ‘15 IS PURSUING A TWO-YEAR RESIDENCY AT NYU LANGONE MEDICAL CENTER WITH THE GOAL OF BECOMING AN INFECTIOUS DISEASES CLINICAL PHARMACIST.

At the time, Dr. Ahmed was like many high school students who tend to think of pharmacy as something practiced only in a community setting. It wasn’t until her entrance into the professional program that she began to learn about the range of opportunities available to pharmacists.

“I was not aware of the field of clinical pharmacy until my P1 year,” the Class of 2015 graduate admits. “As I began to talk with clinical faculty members at the College and learned more about this area, something clicked for me. I suddenly knew that this was what I wanted to do.”

She quickly recognized that most of the clinical faculty at the College were residency-trained. If this was an area that she intended to pursue, she knew that she would need to begin taking steps to prepare herself for a pharmacy residency. That’s when fate intervened.

Dr. Ahmed saw a posting on a College bulletin board that Samaritan Hospital in Troy was looking for pharmacy interns. She applied during her P2 year and was selected for an internship working 16-20 hours per week at the hospital. She was able to work side-by-side with the hospital’s two clinical pharmacists (both of whom were residency-trained), and the experience helped cement her career direction.

She also took advantage of opportunities to expand her skill set by joining professional organizations on campus. She was an active member of the Student Society of Health-system Pharmacists (SSHP), as well as the student chapters of the American College of Clinical Pharmacy (ACCP) and the American Pharmacists Association (APhA-ASP).

Through her memberships in those organizations, Dr. Ahmed participated in activities and programs related to poison prevention, bone health, care screenings, brown bag reviews, and more. In addition to providing valuable services to the community, these experiences also helped Dr. Ahmed refine her skills in areas such as public speaking, making presentations, networking, and working with patients.

As she was building this impressive C.V., she recognized that research was an area where she was lacking experience. So during her P2 year, she assisted in the lab of Associate Professor Nimish Patel, an infectious diseases (ID) pharmacist at the College.

All of these activities made for a busy schedule, but she loved what she was doing, and she was accumulating the types of experiences needed to make herself a strong applicant for a pharmacy residency.

Whether she realized it or not at the time, she was also taking steps to make herself Beyond Practice Ready. “To succeed as a resident, you must be well rounded in a variety of areas – patient care, didactic, research, administrative. I tried to get myself exposed to every aspect of the role before embarking on the process.”

When she learned that she had been selected for a residency at New York University Langone Medical Center, it was a dream come true for Dr. Ahmed, who grew up in the nearby borough of Queens.

“This residency is everything I expected and much more. You work hard. You have to be independent. And there is definitely a lot to balance,” she says. “But a residency has to be rigorous because it is only one year, and you have to be able to handle any situation that may arise.”

Nabeela’s long term goal is to become an ID clinical pharmacist. She will take another step in that direction next year, as she recently accepted a position as the Postgraduate Year Two (PGY2) Infectious Diseases resident at NYU.

Dr. Ahmed has worked hard to get where she is today, but she also credits the faculty at ACPHS as being instrumental to her success. “I was very fortunate to work with great faculty during my time as a student,” she says. “They told me what to do to stand out, and all of their recommendations were right on the mark. I credit their guidance and support with helping me achieve my goals.”
FACULTY PERSPECTIVES
BEYOND PRACTICE READY MEANS...

“...Students are not just prepared to practice, but prepared to excel in practice.”
KATE CABRAL, PHARMACY PRACTICE

“...Students will graduate from a program with a set of knowledge, and, once in the workforce, they will be able to add to this body of knowledge using the skills that they have learned.”
JEFF VOIGT
PHARMACEUTICAL SCIENCES

“...Students possess insights into the value of seeking, evaluating, and integrating new knowledge or skills as part of the health care team.”
GINA GARRISON, PHARMACY PRACTICE

“...Instead of training students to practice a profession, we are educating them to go beyond: to engage in it, to accept challenges, to improve it, and to grow intellectually.”
LISA VINES, HUMANITIES AND COMMUNICATION

“...Our students have the skills to be self-directed, life-long learners who are both adaptable and innovative in their approaches to optimizing health outcomes in a changing environment.”
SARAH SCARPACE, PHARMACY PRACTICE

“...Students are prepared to work in the real world with real people, going above and beyond the basics.”
WENDY PARKER, BASIC AND SOCIAL SCIENCES

“...GrADS ARES REA DY TO FULLY PARTICIPATE IN THE CHANGING HEALTH CARE DELIVERY SYSTEM, ADAPTING TO AN EXPANDED ROLE THAT WILL IMPROVE THE HEALTH OF THEIR PATIENTS.”
BOB HAMILTON, PHARMACY PRACTICE

“...A graduate of ACPHS is able to walk into a health care setting and, from day one, stand out as an actively engaged colleague, clinician, or scientist.”
ALLISON BURTON-CHASE
BASIC AND SOCIAL SCIENCES
SCHOLARLY ACTIVITY REPORT
JANUARY 1, 2015 – DECEMBER 31, 2015


Patrick Meek

Amy Barton Pai


Amit Pai


Namish Patel


Sarah Scarpace

Kimberly Skylstad
Gorren T, Skylstad K. Scaffolding online learning modules for mieloma and multiple myeloma calculations. *Currents in Pharmacy Teaching and Learning (in press).*

Aimee Strong


**CASE REPORTS AND REVIEW ARTICLES**

**Katherine Cabral**


**Clayton English**


**Jessica Farrell**

**Robert Hamilton**

**Nicole Lodise**
Stone RR, Lodise NM, Morin AK, et al. What is the restriction on over-the-counter emergency contraception access today? *Journal of Adolescent Health* 2014; 55(1).

**Amy Barton Pai**


**Joanna Schwartz**

**See-Won Seo**
Gleason SE, Covvey JR, Abrons JP, Dang Y, Seo S, Tofade T, Prescott GM, Peron EP, Moslimani S, Alshari NZ. Connecting global/international pharmacy education to the CAPE 2013 outcomes: A report from the global pharmacy education special interest group. 56 p. AACP Center for...

Thomas Lodise


Lodise TP, Travers KU, Martin AL, Ashaye AO, Zhao Q, Dixit S. Association between inappropriate empiric treatment or delayed appropriate treatment and health outcomes among patients hospitalized with infections due to Klebsiella pneumoniae: How long is too long? (Abstract # 7107).


Darius Mason


Phelps KR, Mason DL. An investigation of the inverse relationship between FEP and TmPiGFR. American Society of Nephrology Renal Week, San Diego, CA, Fall 2015.


Patrick Meek


Hwang YN, Meek PD. Association of mental health comorbidity with analgesic prescribing behaviors in the emergency department setting. Academy of Managed Care Pharmacy: NEXUS Meeting, Orlando, FL, October 2015.

Amy Barton Pai


Sarah Scarpese
Azar D, Scarpese SL. Factors that influence time to start oral chemotherapy. American Society of Health-systems Pharmacists (ASHP) Midyear meeting, resident poster session, Session ID 387240, December 6, 2015, New Orleans, LA.


Joanna Schwartz

Kimberly Skyllstad

See-Won Seo
Strange AF, Brewer J, Lubowiski T, Brodeur M, Sutton E, Seo S. Assessment of an instructional design change: Peer-led vs. Faculty-led SOAP note instruction. Midyear Meeting of the American Association of Col-
Leges of Pharmacy, National Harbor, MD, July 2015.

Aimee Strong

Emily Sutton

INVITED PRESENTATIONS

Michael Biddle
Immunizations Update. ACPHS Pharmacy Practice Institute, Albany, NY, April 19, 2015.


Monique Bidell
Urinary tract infections: Where are we now? ACPE accredited continuing education, Albany College of Pharmacy and Health Sciences, Albany, NY, April 2015.

Abby Boire
Boire AM, English CD. Common Medication Interactions. Invited presentation to the Obstetrics/Gynecology and Family Medicine Departments at the University of Vermont Medical Center, Burlington, VT, March 2015.

Michael Brodeur


Kate Cabral

Jo Carrera

Jennifer Cerulli
Advantages of a Health Information Exchange for Pharmacists (1 hour ACPE). Albany College of Pharmacy and Health Sciences, Albany, NY, April 19, 2015.

Utilizing GOLD Guidelines to Improve COPD Outcomes (2 hours, ACPE # 0280-0000-15-026-L01-P), PharmEd, Albany, NY, April 30, 2015.

Robert DeCenzo


Giselle D’Epiro
The Skinny on Weight Loss Treatment. Vermont Society of Health Systems Pharmacy Spring Conference, Burlington, VT, April 2015.


Clayton English

Management of neuropsychiatric symptoms associated with Alzheimer’s Disease. Continuing Education presentation at Albany College of Pharmacy and Health Sciences, Colchester, VT, October 2015.

Personalized precepting: Strategies for teaching students and residents at different levels within pharmacy practice. Continuing Education presentation at Albany College of Pharmacy and Health Sciences, Albany, NY, August 2015.

Jessica Farrell
The Role of Biologic Therapy in the Management of Rheumatoid Arthritis. 10th Annual Clinical Pharmacy Week Conference, Vienna, Austria, September 14, 2015.

The Role of Biologic Therapy in the Management of Psoriatic Arthritis. 10th Annual Clinical Pharmacy Week Conference, Vienna, Austria, September 14, 2015.

Case Workshop: A Focus on Biologics in Rheumatoid Arthritis. 10th Annual Clinical Pharmacy Week Conference, Vienna, Austria, September 14, 2015.


What’s the Latest Breaking in Rheumatoid Arthritis? American College of Rheumatology Annual Scientific Meeting - Association of Rheumatology Health Professionals Pre-Meeting Course, San Francisco, CA, November 7, 2015.


Updates in pharmacotherapy: A focus on rheumatoid arthritis and psoriatic arthritis. Presented to rheumatologists, rheumatology health professionals, and pharmacy students at the Center for Rheumatology, Albany, NY, November 17, 2015.

Elizabeth Higdon
Blood Glucose Monitoring: The role of therapy and technology - “How do you know if it’s working?”. 10th Annual Clinical Pharmacy Week Conference, Vienna, Austria, September 14, 2015.

Higdon ER. Diabetes Devices. University of Vermont Medical Center, Burlington, VT, December 2015.

Michael Kane


GLP-1 Agonists, SGLT-2 inhibitors and “I did inhale”: An Update in the Management of Diabetes. ACPHS Pharmacy Practice Institute, Albany, NY, April 19, 2015.

Updates In Therapeutics: The Ambulatory Care Pharmacy Preparatory Review Course; Other Endocrine Disorders. Presented Endocrine Disorders section of the Ambulatory Care Pharmacy Preparatory Review Course, ACCP Annual Meeting, Rosemont, IL, April 10, 2015.

Nicole Lodise

Women’s Health in the News (1.5 hour CE program). Barbara M. DiLascia Women’s and Men’s Health Symposium, Albany College of Pharmacy and Health Sciences, Albany, NY, October 2015.

Tobacco Cessation: Tips to assist your patient in quitting (1.5 hour CE program). Vermont Pharmacists Association Fall Meeting, Colchester, VT, October 2015.

Thomas Lodise
New Antimicrobial Update. New York State Chapter of the American College of Clinical Pharmacy Fall Clinical Meeting, November
Approaches to drug dose optimization. IDWeek2015: A Joint Meeting of IDSA, SHEA, HIVMA, and PIDS. Session Title: Antimicrobial Advances that Will Change Your Practice. Session Type: Symposium. October 8, 2015, San Diego, CA.

Antimicrobial Advances that Will Change Your Practice: Gram-Negatives. IDWeek2015: A Joint Meeting of IDSA, SHEA, HIVMA, and PIDS. Session Title: Antimicrobial Advances that Will Change Your Practice. Session Type: Symposium. October 8, 2015, San Diego, CA.


All the things you were told about antibiotic dosing over the years that were wrong. University of Florida School of Pharmacy. August 7, 2015, Gainesville, FL.

Quantifying antibiotic exposure-effect relationships in patients with infections: A focus on beta-lactams and vancomycin. Institute for Therapeutic Innovation within the Department of Medicine at the University of Florida, Orlando, FL. August 6, 2015.


New antimicrobial update. Infectious diseases grand rounds at Stratton Veterans' Affairs Medical Center, June 25, 2015, Albany, NY.


Amit Pai


Dosing strategies for obesity patients in the ICU. Infectious Diseases Conference, University of Toronto, Leslie Dan Faculty of Pharmacy, Toronto, ONT, October 2015.


Amit Pai


Dosing strategies for obesity patients in the ICU. Infectious Diseases Conference, University of Toronto, Leslie Dan Faculty of Pharmacy, Toronto, ONT, October 2015.


Pai MP, Hope W. (Convergence) I have a white powder but want a drug: Shepherding compounds through the Valley of Death. San Diego, CA, September 2015.

Lipotoxic acid: Potential as a non-invasive marker of biofilm burden. University of Sao Paulo, Department of Pharmaceutical Sciences, Sao Paulo, Brazil, June 19, 2015.


Top ten reasons to have a pharmacist of the ESKD team. National Kidney Foundation Spring Clinical Meeting, Dallas, TX, March 25, 2015.

Top ten nephrotoxic drugs. National Kidney Foundation Spring Clinical Meeting, Dallas, TX, March 26, 2015.


Amit Pai
Challenges of dosing antimicrobial in obesity. Expert Panel on Obesity and Infection, Chicago, IL, November 2015.

Daptomycin dosing in critically ill patients. Infectious Diseases Conference, University of Toronto, Leslie Dan Faculty of Pharmacy, Toronto, ONT, October 2015.


Sarah Scarscoro


Hematology/Oncology. 1-hour ACPE-accredited program presented to pharmacists as part of the...
American College of Clinical Pharmacy (ACCP) Updates in Therapeutics 2015: Ambulatory Care Pharmacy Preparatory Review and Recertification Course. Chicago, IL, April 11, 2015.

Sivik J, Iacovelli L, Scarpace SL, Parsons K. Practice panel: Survivorship. 20-minute presentation as part of a 1.5-hour ACPE-accredited panel discussion presented to pharmacists at the Hematology/Oncology Pharmacy Association (HOOPA) 11th Annual Meeting. Austin, TX, March 26, 2015.

Oncology new drug update. 1.5-hour ACPE-accredited CE program presented to pharmacists at the Capital Testing Services Pharmacy Clinical Practice and Law Update program. Holiday Inn Airport, Buffalo, NY, April 17, 2015; Holiday Inn Airport, Rochester, NY, April 18, 2015; Holiday Inn Express, Latham, NY, April 19, 2015.

Joanna Schwartz
Herbal interactions with chemotherapy. Vermont Breast Cancer Symposium, Blacksburg, VA, October 2015.

Aimee Strang

Emily Sutton

EXTRAMURAL GRANTS

Jo Carrero
Project: Impact of a Multidisciplinary Team on Time to Sepsis Resolution Grantor: ASHP Research and Education Foundation Amount: $75,000 Term: 5/1/15 - 10/31/16

Amy Barton Pai
Project: A community based study of adverse effects of NSAIDs on the kidney and risk mitigation to reduce preventable harm Grantor: Food and Drug Administration Grant No.: BAA-15-00121 Amount: $203,733 Term: 9/30/15 - 7/31/17

Amit Pai
Project: Single Dose Pharmacokinetics of Intravenous Tedizolid Phosphate in Morbidly Obese and Age-, Sex-, and Ideal Body Weight-Matched Non-Obese Adults Grantor: Merck, Inc. Amount: $179,824 Term: 1/28/15 - until complete

Nimish Patel


Katherine P. Cobral. President-elect of the New York State chapter of the American College of Clinical Pharmacy (ACCP).

Andy Flynn. Region 7 Representative of the Pharmacists Society of Sate of New York (PSSNY).


Andy Flynn. Member of the Blue Shield of Northeastern New York P&T Committee.

Andy Flynn. Appointed to the Editorial Board of the PSSNY journal New York Pharmacists Century II.

Sarah L. Scarpone. Elected to three year term (2015 - 2018) as President-elect/President/Post-President of the Hematology/Oncology Pharmacy Association (HOOPA).


Robert DiCenzo. President-elect of the APHA Academy of Pharmaceutical Research and Science.


Gina D. Garrison. Associate Editor, Currents in Pharmacy Teaching and Learning (term ended in 2015).

Gina D. Garrison. Public Policy Committee Member, New York State Council of Health-system Pharmacists.

Michael P. Kane. Editorial Board Member of Case Reports in Endocrinology.

Michael P. Kane. Northeast Kidney Foundation – Board of Directors, Trustee.

Nicolie M. Lodise. Faculty Affairs Workgroup Chair of the American Association of Colleges of Pharmacy (AACP) Council of Faculties - Curricular Adoption and Integration of the Pharmacists’ Patient Care Process.

Thomas Lodise. Chair, ARLG PK/PD Special Emphasis Panel of Antibiotic Resistance Leadership Group (ARLG).

Thomas Lodise. Vancomycin consensus guideline committee member of American Society of Health-System Pharmacists, Infectious Disease Society of America, Society of Infectious Disease Pharmacists, and the Pediatric Infectious Disease Society.

Thomas Lodise. Editorial Board Member of Antimicrobial Agents and Chemo therapy.

Thomas Lodise. Editorial Board Member of Pharmacotherapy.

Thomas Lodise. Editorial Board Member of Diagnostic Microbiology and Infectious Diseases.

Darius L. Mason. Chair-Elect of the APHA Academy of Pharmaceutical Research and Science’s Clinical Sciences Section.

Amy Barton Pai. Chair of the Pharmacy Work Group for the NIH-National Kidney Disease Education Program (NKDEP).

DEPARTMENT OF PHARMACEUTICAL SCIENCES – ALBANY CAMPUS

PUBLICATIONS

PEER REVIEWED ARTICLES

Hassan El-Fowal


Carlos Feleder
Johnson A, Neumann PH,

Millington WR, Yilmaz MS, Feleder C. The initial fall in arterial pressure evoked by endotoxin is mediated by the ventrolateral periaqueductal gray. *Clinical and Experimental Pharmacology and Physiology* (Submitted: In Revision).


**William Millington**


Millington WR, Yilmaz MS, Feleder C. The initial fall in arterial pressure evoked by endotoxin is mediated by the ventrolateral periaqueductal gray. *Clinical and Experimental Pharmacology and Physiology* (Submitted: In Revision).


**HaiAn Zheng**


**BOOK CHAPTERS**

**Hassan El-Fawal**


*HaiAn Zheng*  


**CONFERENCE PRESENTATIONS**

**Richard Dearborn, Jr.**

*Ainsworth M, Voigt JM, Dearborn Jr. RE. Hedgehog-dependent regulation of the VDUP1 tumor suppressor in Drosophila: Developmental and promoter analyses. AAPS Conference, Farmington, CT, April 16, 2015 (abstract).*

**Hassan El-Fawal**

*El-Fawal HAN. Neurotoxic and autoimmune potential of nanoparticles: Aggravation to amelioration. First International Nanomedicine Symposium and Workshop, ACPHS, August 3-7, 2015.*


*Sordar J, Mason D, El-Fawal HAN. Association of autoantibodies to nervous system (NS) proteins (NAb) with demographics in hemodialysis (HD) patients. American Association of Pharmaceutical Sciences (AAPS) Regional Meeting, Storrs, CT, 2015.*


**Carlos Felder**


*Feleder C. Brain inflammation and psychiatric disorders: Depression and anxiety. Favaloro University, School of Medicine, Buenos Aires, Argentina, August 2015.*

*Feleder C. Brain endocannabinoids initiates bacterial hypotension and lung inflammation during septic shock. Favaloro University, School of Medicine, Buenos Aires, Argentina, August 2015.*

*Feleder C. Brain endocannabinoids initiates bacterial hypotension and lung inflammation during septic shock. University Barcelo, School of Medicine, Buenos Aires, Argentina, August 2015.*
DEPARTMENT OF PHARMACEUTICAL SCIENCES
- VERMONT CAMPUS

PUBLICATIONS
PEER REVIEWED ARTICLES

Stefan Balaz

Tamer Fandy


Karen Glass

LaPorte B, Musteata FM. 4D-Printed Pharmacokinetic Profiles in Teaching and Research. AAPS-NERDG, Farmington, CT, April 2015 (poster presentation).

HaifAn Zheng


Zheng, HA. Regulatory science for botanicals and biologicals – Something old and something new. Fudan University School of Pharmacy, June 25, 2015 (invited talk).


CONFERENCE PRESENTATIONS

Stefan Balaz

Tamer Fandy


Karen Glass


Glass KC. Round Table discussion, Vermont Genetics Network Career Day, Burlington, VT, April 15, 2015.

Senthil Nateson

**Timothy LaRocca**

**Meenakshi Malik**


**Thomas O’Grady**

**Wendy Parker**


**Michael Racz**


**SCHOOL OF ARTS AND SCIENCES**

**PUBLICATIONS**

**Charles Bergeron**


**Allison M. Burton-Chase**


**Burton-Chase AM, Swartz MC, Silvera SAN, Basen-Engquist K, Fletcher FE, Shields PG. Know your value: Negotiation skills development for junior investigators in the academic environment – A report from the American Society of Preventive Oncology’s Junior Members Interest Group. Cancer Epidemiology, Biomarkers & Prevention, 2015, 24 (7): 1144-1148.

**SCHOOL OF ARTS AND SCIENCES**

**PRESENTATIONS**

**Charles Bergeron**


**Michael Racz**


**PRESENTATIONS**

**Charles Bergeron**


**Allison M. Burton-Chase**


**ACPHS PRESIDENT’S REPORT**

**ACPHS PRESIDENT’S REPORT**
Burton-Chase, AM. Creating and managing a work-life balance in the academic environment. 2015 (session chair and organizer).


Burton-Chase, AM. Transitions in care and provider satisfaction in Lynch syndrome survivors and providers. 19th Annual Meeting of the Collaborative Group of the Americas on Inherited Colorectal Cancer, Baltimore, MD, October 2015 (invited oral presentation and panelist).

Martha Hass


Timothy LoRocca
LoRocca, TJ. Mechanisms and significance of necroptosis. ACPHS-Wadsworth Center Mini-Research Symposium, Albany, NY, June 1, 2015 (oral presentation).

LoRocca TJ, Fichet NF, Ratner AJ. Hyperglycemic conditions prime cells for RIP1-dependent programmed necrosis in a glycolysis-dependent manner. Eastern New York Student Chapter of the American Society for Microbiology (ENYSASM), Albany, NY, November 4, 2015 (oral presentation).

Meenaksi Malik
Malik M. Immunopathogenesis of Francisella tularensis. ACPHS-Wadsworth Center Mini-Research Symposium, Albany, NY, June 1, 2015 (oral presentation).


Wendy Parker

Parker WM. Paradoxes to offer: The women’s health movement as a feminist project. Capital District Feminist Studies Conference, Albany, NY, January 2015 (oral presentation).


Kaufman S, Parker WM, Campa-Engelstein L. Why are there so few male contraceptive options? A content analysis of contemporary U.S. newspaper articles. Academy Health Annual Research Meeting, Minneapolis, MN, June 2015 (poster presentation).


Parker WM, Donato KM, Burton-Chase AM. Preventive screenings and risks for women with Lynch syndrome: Initial results of a case-control study. 19th Annual Meeting of the Collaborative Group of the Americas on Inherited Colorectal Cancer (CGA-ICC), Baltimore, MD, October 2015 (oral presentation).


Eric Yager

Wendy Parker
Investigators: Grabe D (PI), Parker WM (Co-PI), Douoi R (Co-PI)
Project: Disparities in hypertension among women with chronic kidney disease
Grantor: John Faunce and Alicia Tracy Rock Fund
Amount: $18,252
Term: July 1, 2015 - June 30, 2016

Parker WM (Co-PI), Cardone KE (Co-PI), Douoi R (Co-PI). Project: Coping skills and self-management strategies used to increase medication adherence in the CKD population
Grantor: John Faunce and Alicia Tracy Rock Fund
Amount: $7,955
Term: Sept 1, 2015 – Aug 21, 2016

Parker WM (Co-PI), Cardone KE (Co-PI), Douoi R (Co-PI). Project: Coping skills and self-management strategies used to increase medication adherence in the CKD population
Grantor: John Faunce and Alicia Tracy Rock Fund
Amount: $7,955
Term: Sept 1, 2015 – Aug 21, 2016
by thyroid hormone and nanoparticulate tetrac. Frontiers in Endocrinology (Lausanne) 5:240.


Shaker A. Mousa


BOOK CHAPTERS


* Denotes ACPHS Pharm.D. or M.S. students

EXTRAMURAL GRANTS

Shaker A. Mousa
Project: Nanotetrac Synthesis Process Chemistry for Production of Sterile Product: Evaluation of Physical/Chemical and Biological Profiles (Task 4) Grantor: Nano Pharmaceuticals LLC Total award: $87,600 Start Date: 1/1/15

Project: Measurements of Diaminotetrac and Tetrac in Plasma Using LC/MS/MS Possible DAT % loading) for Scale up and assessment of Bioequivalence: Selection of Stabilizer (Task 6) Grantor: NanoPharmaceuticals LLC Total award: $63,360 Start Date: 6/24/15

Project: Optimization of Nano-diamino-tetrac formulation for Scale up and assessment of Bioequivalence: Selection of Stabilizer (Task 7) Grantor: Nano Pharmaceuticals LLC Total award: $74,958 Start Date: 10/28/15

CONFERENCE PRESENTATIONS

Shaker A. Mousa
Keynote Speaker. 4th Hematology Congress XII, Abu Dhabi, UAE, Feb 2-6, 2015.


Keynote Speaker. Angiogenesis Symposium, Meeting of the Physiological Society, Cardiff, Wales, July 5-8, 2015.

# Financial Report

**July 1, 2014 – June 30, 2015**

## Statement of Financial Position

### Assets

- Cash and cash equivalents: $24,596,188
- Investments: $45,022,987
- Other assets: $1,737,651
- Accounts receivable - Students: $450,230
- Receivables-Government entities: $405,697
- Pledges receivable: $1,686,661
- Student loan receivable: $2,510,358
- Assets held in charitable remainder annuity trust: $164,780
- Other receivables: $268,270
- Agency funds: $331,563
- Deposits with Bond Trustees: $10,251
- Property, plant & equipment-Net: $48,846,892

**Total Assets**: $126,031,528

### Liabilities

- Accounts payable and accrued liabilities: $2,206,161
- Deferred income and deposits: $7,243,354
- U.S. government grants refundable: $2,313,459
- Bonds payable: $24,846,017
- Expected post retirement benefit obligation: $1,791,640
- Other liabilities: $1,102,126
- Deposits held in custody for others: $331,563

**Total Liabilities**: $39,834,320

### Net Assets

- Unrestricted net assets: $73,578,075
- Temporarily restricted assets: $4,396,059
- Permanently restricted assets: $8,223,074

**Total Net Assets**: $86,197,208

**Total Liabilities and Net Assets**: $126,031,528

## Statement of Activities

### Revenues

- Student tuition and fees: 74.15%
- Auxiliary enterprises: 9.20%
- Gifts and pledges: 4.99%
- Government contracts and grants: 4.77%
- Other sources: 3.53%
- Investment income: 3.22%
- Postgraduate education: 0.14%

**Total**: 100%

### Expenses

- Instruction/Student services: 43.77%
- Physical plant: 26.51%
- General administration: 18.12%
- Research: 6.29%
- Institutional advancement: 3.03%
- Student financial aid: 1.67%
- Postgraduate education: 0.61%

**Total**: 100%