At the same time that I am preparing this short article for Academic Affairs in Review, I am also assembling a PowerPoint presentation for our Board of Directors. Like everyone else in the Duquesne community, the Board is embarking on strategic planning by undertaking an intensive review of the landscape of higher education in general. At an all-day retreat, members will be briefed on the cross-currents affecting universities and colleges today — factors such as enrollment and financial aid pressures, the steadily increasing weight of governmental rules and regulations, calls from politicians on both sides of the aisle for greater “accountability” and declining public interest in supporting fundamental research. My own assignment is to address “Innovation in Academic Programs,” a topic that I plan to approach by focusing on the growing importance of partnerships in designing and delivering contemporary programs of the quality that will attract the very best students to Duquesne and equip them for meaningful leadership in a wide range of career fields.

When I began teaching in the 1970s, universities operated for the most part quite autonomously — selecting which degree programs to offer, determining the appropriate content, controlling the delivery of those curricula and leaving it largely to students to discover how to represent the skills and content knowledge they had gained to potential employers. Today’s arena is one in which we compete more fiercely for students.

The deadline for submission to the spring issue of Academic Affairs in Review is February 20, 2017. All items should be submitted via email to Renee Stockey at stockeyr@duq.edu.
research dollars and reputation and a key to success lies in each institution’s ability to establish creative, mutually rewarding alliances and affiliations. Luckily, this is a challenge that we at Duquesne are already embracing with energy and enthusiasm.

The School of Business, for example, is adding to its programs’ “real world” experiences of various kinds and at multiple levels – each dependent on partnerships. With the assistance of several generous donors and the guidance of experienced faculty members, undergraduate business students will soon be creating small businesses of their own, investing very real dollars in start-up companies in the region – and financing their work towards their master’s degrees by accepting co-op assignments at major accounting firms.

In 2017, if all proceeds smoothly in the final round of contract negotiations, the School of Nursing will begin offering its online graduate degrees in partnership with a third-party for-profit online program management (OPM) provider. The OPM will provide a level of sophisticated marketing in the online space that the University cannot afford to develop in-house, introducing our already successful courses of study to a pool of prospective students far beyond our region. Frankly, it has taken us some time to become comfortable with this particular kind of partnership (and we probably still have much to learn) but universities that wish to remain competitive must expect to spend more time working with what would once have been seen as strange bedfellows.

And I have written in previous issues of this newsletter about the importance of international partnerships to Duquesne’s future success. On my recent trips to England’s University of Chester and to four universities in China, I was impressed by the universal assumption that the pathway to success lie in the development of joint or dual degree programs. The more familiar concepts of study trips, Maymester courses and study-abroad semesters still have great value for students, without a doubt. But foreign partners will increasingly lobby for ‘2+2’ or ‘3+1+1’ programs that lead to diplomas bearing the seals of two institutions. In this particular arena, it is our Department of Philosophy that is the front-runner, having already created a number of “cotutelle” agreements with European universities for its Ph.D. students.

I look forward to witnessing the development of a wide range of such opportunities for collaboration in the year ahead and to the benefits that will accrue for our faculty, students and staff. We will need many such partnerships if we are to continue to thrive in the world of higher education of tomorrow.
Reflections from the Associate Provost for Administration

O

ne of my responsibilities as Associate Provost for Administration is to be a liaison with Computing and Technology Services (CTS). As such, I meet with the Chief Technology Officer, Chuck Bartell, about once every three weeks and serve on the Enterprise Computing Committee.

Frequently, he will invite other leaders in CTS to add expertise about their particular subject areas. Yet for this newsletter, I would like to briefly discuss the structure of inputs to CTS for campus wide computing and to provide a few examples of some of the achievements made through a collaborative working relationship between Academic Affairs and CTS.

Over the last academic year, Chuck, Paul Allison, Don Maue, Brian Bolsinger and Alan Seader worked to develop a coherent system of lines of communication for inputs and decision making for prioritizing technology capital projects. Below is a visual representation of that plan. Rather than go through every label, I want to point out the committee in the middle of the graphic.
The Enterprise Computing Committee (ECC) deals with operations of our technology infrastructure or our Enterprise Resource Planning (ERP) system. Our ERP is Banner by Elucian and it runs everything such as databases for recruiting students, student records, student accounts, financial aid, payroll, etc. The ECC Steering Committee is focused on enterprise computing strategy and prioritization of resources. The Academic Computing Committee (formally the Educational Technology Committee) provides strategic review for the implementation of educational technology initiatives that impact teaching and learning. The committee does this by identifying academic computing needs, recommending academic computing solutions, stimulating intellectual contributions from the University community and evaluating what is working and why. This committee is co–chaired by Brian Bolsinger from Academic Affairs and Don Maue from CTS, which shows the quality of our collaboration. Finally, the Research Computing Committee provides strategy to support our present and future research computing needs and promote collaborative research. Another group that provides input into all things technology is the Tech Partners Group. This group is open to all University employees that have an interest in knowing what is going on with technology on campus in order to provide input toward innovations. If you are interested in joining the Tech Partners, send an email to me, and I will point you in the right direction.

There are many outcomes and solutions that have come from our collaboration. I want to point out just a few that have had a great impact on our academic community. CTS listened to the results of our Enrollment Management Groups survey of students and installed high capacity wireless connectivity in the Living Learning Centers. As far as student feedback has gone, they seem quite pleased. A secondary benefit, the wireless contact hardware from the LLCs, is now being installed in registrar classrooms across campus to increase the volume of connected devices used in classrooms. The combination of increased wireless capacity in the classroom and the availability of the Respondus Lockdown Browser allows faculty to administer secure blackboard tests within classrooms and lecture halls using student owned devices. For more information, contact the Educational Technology Office at edtech@duq.edu.

I would like to point out one other significant engagement between CTS and Academic Affairs. Our Enrollment Management Group (EMG) was in need of a modern customer management system (CMS) to keep pace with the modernization of the recruitment process across vendors and to be even more responsive to potential students in the competitive market. CTS and EMG worked together and with consultants to implement the Recruiter system, which is part of our Banner ERP. This system has been deployed for undergraduate recruitment and is currently being ramped up for graduate recruitment. It is anticipated that this system will work with our Banner Document Management System and user friendly web interfaces to allow selection committees across campus to render admissions decisions in an efficient electronic manner. So stay on the lookout for that development.

As I said, CTS has been a great partner with Academic Affairs and I am happy to work closely with them. We look forward to continued innovations that make our University work efficiently while providing that special attention only Duquesne can give to students.

Mylan School of Pharmacy

The Mylan School of Pharmacy and the Graduate School of Pharmaceutical Sciences experienced another year of significant faculty scholarship, teaching and service. We are in our fourth year of continued accreditation until 2021 from the Accreditation Council for Pharmacy Education (ACPE). The school completed the 2015 Strategic Plan and is working on the 2020 Strategic Plan. The Continuous Quality Improvement Evaluation Plan focuses on eight specific elements for which this process needs to be applied while striving for excellence. They are: ACPE Standards, Strategic Plan 2020, Educational Programs, Inter–professional Education, Research and Scholarship, Service, Pharmacy Practice Programs and Mission. The process for each of the elements consists of developing and utilizing an assessment plan. The use of assessment tools is vital to the success of assessing the elements. Tools include curricular mapping, identifying measures, SWOT (Strength, Weakness, Opportunity, Threat) analysis, project planning and responsibility matrices. The analyses of the results obtained from these tools are used to discover gaps, trends and variations that will lead to recommendations for improvements.
Scholarship for the school continues to be represented by a large number of peer-reviewed articles being published in prestigious journals, monographs and books, as well as being presented as poster and podium presentations. Grant support continues to be significant for the school and the University, as the school has the greatest contribution to the overall University grant funding at $2,224,013 for FY 2016. Of the 45 grants submitted, 24 or 53% were funded. The school has once again achieved the ranking as the third highest in NIH funding for all private schools of pharmacy in the country. Although the majority of the grant funding activity comes from the disciplines of medicinal chemistry, pharmacology and pharmaceutics; there has been an increase in funding with pharmacy practice and pharmaceutical administration, as well as foundation funding for the Duquesne University Pharmacy in the Hill District.

Two faculty members from the School of Pharmacy were honored as inductees into the University Research Hall of Fame. Distinctions were given to Dr. Jane Cavanaugh, associate professor of pharmacology, who was honored as a first-time inductee; and Dr. Aleem Gangjee, distinguished professor of medicinal chemistry, was honored for a second time with a Gold Card. Dr. Gangjee leads the faculty with grant funding and research publications. His funded research was $1,441,333 for this year and he has sustained between three and four NIH RO1 grants totaling approximately $4.5 million. He has more than 154 publications, 334 presentations and 34 patents. He is the Distinguished Professor in the School of Pharmacy, holds the Adrian Van Kaam, C.S.Sp. Chair in Scholarly Excellence and is the recipient of four Duquesne Presidential awards for Excellence in Scholarship and Teaching. Dr. James Drennen, associate dean of research and graduate programs, received a $237,000 grant from the Food and Drug Administration on a subcontract with the National Institute for Pharmaceutical Technology and Education for QDB Approach to Process Development: Defining Critical Quality Attributes, Evaluating Critically Across Scales, and Relating Variations in CPPS/CQAS to Product Performance. Dr. Rehana Leak received a $382,931, three-year R-15 award from the National Institutes of Health, National Institute of Neurological Disorders and Stroke, for Impact of N-acetyl Cysteine Ethyl Ester on A-synuclein Pathology in the Olfactory System. The grant extends through June 30, 2018. Dr. Wilson Meng received funding on a grant from the National Institutes of Health, National Institute of Allergy and Infectious Diseases, in the amount of $139,464 for year two of a two-year award. The funds are to be used for a project entitled, A Biomaterial Approach to Attenuate Rejection of Skin Allografts. Dr. Jennifer Elliott received a two-year, $177,000 award from the Jefferson Regional Foundation to support a project that will provide surveillance and treatment of asthma in Clairton schoolchildren. The award will extend through June 2017. Dr. Jamie McConaha received a $10,000 grant from Pfizer Inc., for the smoking cessation program, Courage to Quit. This brings the total award amount to date to $30,000. These are just a few examples of the scholarship efforts of the pharmacy school.

The Academic Research Centers continue to provide pharmacy faculty with opportunities for scholarship and provides students unique experiences for their professional development. The Center for Pharmacy Care and the Wellness in Motion Medication Management Program has grown to 374 enrolled patients in five programs (diabetes, chronic pain, GERD, asthma, hyperlipidemia and depression). Immunization services offered at the Center have expanded to include travel health for students and faculty. There was a total of 1,511 immunizations given during the 2015-16 academic year, including almost 900 influenza vaccinations. Clinical services offered at the Center have expanded to include incentivized Smoking Cessation, Women’s Health, and Anticoagulation Services to both Duquesne employees and surrounding Pittsburgh communities. In collaboration with the Duquesne University Benefits Department, the “Know Your Numbers” campaign served 258 patients. This preventative care program helps to identify early risk factors for chronic illnesses, such as diabetes and heart disease, while allowing the employee to make positive changes in their health outcomes. The Center for Pharmacy Services (The Duquesne University Pharmacy) has reached 2,510 patients through various employee and community services, which has resulted in potential adverse drug errors avoided, adverse drug errors detected and drug utilization reviews were performed. In addition, 353 of these patients were given access to medication; 1,530 were counseled on medication use and 2,225 were given preventative care services. The Center for Pharmacy
Care and the Center for Pharmacy Services serve as an academic site for student pharmacists providing introductory (IPPE; 190 students, 1,520 hours of instruction) and advanced practice experiences (APPE; 40 students, 8,000 hours of instruction). The Center for Pharmacy Care and the Center for Pharmacy Services have received grants to support their activities, including, the McAuley Ministries, McCune Foundation, and the Allegheny County Health Department, as well as the Drug Enforcement Agency (DEA) and the National Association of Chain Drug Stores (NACDS) Foundation to provide naloxone education and training.

As a requirement for graduation and in partial fulfillment of continuous professional development course requirements, student pharmacists participated in a class advocacy and career exploration trip to Washington, D.C. from Oct. 22 through Oct. 24, 2015. More than 200 students participated in approximately 60 legislator visits on Capitol Hill to advocate on behalf of provider status for pharmacists. Additionally, student pharmacists had the opportunity to learn about U.S. Public Health Service and other government career opportunities at the United States Pharmacopoeia Headquarters in Rockville, Maryland. The school was invited to participate in the first in a series of webinars that was made available to national and international audiences regarding career opportunities in pharmacy. This joint venture, which includes the United States Pharmacopoeia, the American Association of Colleges of Pharmacy, the American Pharmacists Association and the American Society of Health-System Pharmacists, is an effort to enhance awareness of the pharmacy profession. Buddy Carter, a U.S. representative from the State of Georgia and the only sitting pharmacist in Congress, addressed the students regarding the importance of professional advocacy.

The School of Pharmacy was selected as the 2015 American Pharmacists Association Foundation Pinnacle award recipient in the nonprofit organization category as a result of its demonstrated improvements in health outcomes for patients in underserved communities. The school was recognized for the outreach to the community as provided through its Center for Pharmacy Care, the Duquesne University Pharmacy and the Academic Partners Program.

In celebration of American Pharmacists Month, the School of Pharmacy hosted a Health and Wellness Fair located in downtown Pittsburgh Market Square on October 14, 2015. The Allegheny County Health Department and Giant Eagle Corporation joined the Duquesne University Pharmacy, the Center for Pharmacy Care and 16 School of Pharmacy student organizations in hosting more than 20 distinct health and wellness booths. Offerings included influenza and pneumococcal immunizations, as well as a variety of screenings for blood pressure, blood glucose, hepatitis C and carbon monoxide. Information regarding shingles, nutrition, diabetes, hypertension, herbal remedies and their associated drug interactions, poison prevention, substance abuse, naloxone rescue, tobacco cessation, falls risk in the elderly, Lyme disease awareness and prevention, women’s health issues, men’s health issues, asthma, chronic kidney disease, self-care and mental health was also provided to the public. Zumba in the Square rounded out the event activities.

The dean selected Dr. Suzanne Higginbotham for the 2015–16 annual Dean’s Award for her extraordinary efforts to the mission of the school and Dr. Wilson Meng was selected for the Faculty Award for an exceptional year in scholarship, teaching and service. Student Pharmacists recognized the following faculty as professors of the year: Drs. Harrold, Guarascio, Nemecek, Wolfgang, and Fancher. In addition, the graduating class voted Dr. Branden Nemecek to be awarded the Teacher of the Pharmacy School (TOPS).

International initiatives for the school continue to support our goal of contributing to global pharmacy education and advancing the cultural sensitivity of our students and faculty to other healthcare systems, contributing the education of pharmacists and advancing the role of pharmacists in specific countries. Three students participated in the second annual advanced pharmacy practice study abroad experience facilitated through the University of Perugia, Italy, in the fall of 2015. This 10-week experience included participation in an Italian language course, exposure to pharmacy classes at the University of Perugia and immersion in five-weeks of practical experience in both a hospital and community pharmacy situated in Perugia. This type of global experience will be expanded in Italy to include the University of Bologna. As part of our international pharmacy exchange programs, four students from the University of Perugia, Faculty of Pharmacy, complete half of their experiential education requirements at
Duquesne by attending classes and participating in shadowing experiences of several facets of pharmacy practice. They have an opportunity to work on their required thesis component for their pharmacy degree in Italy. Pharmacy students and faculty from Daiichi University, Fukuoka, Japan, visited in March 2016. This was a short-term study abroad opportunity for these Japanese students. They attend faculty presentations regarding pharmacy practice in the U.S., are engaged in point-of-care testing and visit various pharmacy practice sites, including the Center for Pharmacy Care and UPMC Mercy. Prior to their visit, Japanese students were matched to Duquesne University student pharmacist pen pals. They compared pharmacy education in both countries during their visit.

Student pharmacists from the class of 2019 marked the first year of their professional study with the 13th annual White Coat Ceremony on Aug. 23. Michael Zeglinski, R.Ph., Senior Vice President of Specialty Pharmacy Optum Rx and a pharmacy alumnus, was the featured speaker at the ceremony.

The Ohio State University College of Pharmacy is pleased to announce that Marc W. Harrold, Ph.D., has been awarded the 2016 Jack L. Beal Post-baccalaureate Award. The awards are presented to alumni of the College of Pharmacy who have made many outstanding contributions to the profession of pharmacy, in the fields of public health and public service and/or by promoting the activities of the college and its students.

The Pennsylvania Pharmacists Association (PPA) recognized several alumni for excellence in their field of practice. Jamie McConaha (P ’07), received the NASPA Excellence in Innovation Award, which recognizes a pharmacist who is involved in an innovative pharmacy practice resulting in improved patient care. Mr. John DeJames, R.Ph. (P ’88) received the Preceptor of the Year Award, which is nominated by a PPA student member, and which recognizes a preceptor who goes above and beyond in their training and leadership for their students.

His dedication to patients and the community have been inspiring to many of his students on rotation. For years, he has been a preceptor that students turn to for advice and knowledge, advising over 30 students a year since 2006. The Bowl of Hygeia Award is granted to a Pennsylvania pharmacist who has demonstrated sustained commitment to community service, apart from his or her specific identification as a pharmacist, which reflects well on the profession of pharmacy. The Bowl of Hygeia Award is the highest honor bestowed by a state pharmacy association. The late Associate Dean, Thomas J. Mattei (P’65), was awarded this prestigious honor.

School of Nursing Learning and Simulation Center

The School of Nursing has been a leader in nursing education for 80 years and remains at the forefront of innovation, technology and academic excellence. 2015–2016 has been another year of unprecedented growth and progress for the School of Nursing. Over the past five years, the school’s total enrollment has increased from 703 to 1003 undergraduate and graduate students.

The school was recognized by U.S. News & World Report with the following rankings: #85 Best Graduate Programs; #18 Best Online Graduate Nursing Programs; and #16 Best Online Graduate Nursing Programs for Veterans.
The School of Nursing revised its mission and vision and completed its five-year Strategic Plan, 2015-2020. Key areas include Diversity and Inclusion; Ethics; Global Impact and Intercultural Engagement; Interdisciplinary Collaboration; Leading-Edge Instructional Strategies; Scholarship with Impact; Service and Community Engagement; and Educational Programming that is Responsive to Society’s Needs.

The School of Nursing increased the number of grant proposals submitted (22) and accepted (10) for 2015. This trend reflects the positive impact of efforts by the administration of the school to stimulate increased research. Nursing has received several foundation and federally funded grants, including U.S. Department of Health and Human Services’ Health Resources and Services Administration (HRSA) and National Institutes of Health (NIH)–funded projects. Most recently, we were awarded a second round of funding for the Jonas Scholars Program ($40,000 for 2016–2018). External research grants awarded totaled $716,329 (including a 5–year Department of Defense grant for $655,102, Evidence-Based Mental Health Services for Distressed Post 9/11 Military Family; $312,720 in scholarships; $13,082 in foundation funding; and $15,000 in internal grants. Our federally funded HRSA Grant, Veterans to BSN Program, has enrolled 15 students this fall. Military-focused faculty and staff development programs were conducted, and a unique collaboration with the Gumberg Library resulted in the creation of a library veteran’s resource center for faculty and staff who work with veteran students.

Dean Mary Ellen Glasgow was inducted as a Fellow in the National League for Nursing Academy of Nursing Education. Dr. Khlood Salman was selected as a Fulbright Scholar to Saudi Arabia for the 2016–17 academic year. Dr. Joan Lockhart authored Nursing Professional Development for Clinical Educators, published by Oncology Nursing Society and Dr. Kathleen Sekula co-authored A Practical Guide to Forensic Nursing: Incorporating Forensic Principles into Nursing Practice, published by Sigma Theta Tau International. Dr. Yvonne Weideman, Dr. Joan Lockhart and Professor Marie Panas received the 2016 BAYADA Award for Technological Innovation in Health Care Education. Drs. Alison Colbert and Melanie Turk received the 2016 Duquesne University Creative Teaching Award for their project "Building Empathy: Using Simulation to Help Nursing Students Understand the Experience of Poverty." Dr. Melanie Turk received the 2016 Gaultier Community-Engaged Teaching Fellowship, sponsored by the university’s Center for Community-Engaged Teaching and Research.

In fall of 2015, Duquesne launched a new, innovative BME/BSN program that combines the sought-after credentials of degrees in both biomedical engineering and nursing; thus, becoming the first academic institution in the U.S. and globally to offer this dual degree to undergraduates. This fall, the first cohort of BME/BSN students began taking nursing courses.

Over the past two years, the School of Nursing has implemented courses in nursing ethics for BSN and MSN students. A new three–credit course is required of all MSN students, Health-Care Ethics in Practice and Policy, which covers core issues in clinical ethics as well as policy issues related to nursing practice and the health care system as a whole. In addition, all BSN students must take Nursing Ethics across the Lifespan, a senior-level course that covers the basics of clinical ethics as well as special ethical problems faced by nurses. A new interdisciplinary Ph.D. in Nursing Ethics with the Center for Healthcare Ethics begins summer of 2017.

Study abroad opportunities include Rome, Ireland and Nicaragua for our BSN, MSN, DNP and PhD Programs. This summer, doctoral students enrolled in the Methods of Scientific Inquiry course travelled to Dublin, Ireland as part of their required study abroad experience.

Changes in technology and in the way our students learn is at the heart of our clinical skills simulation lab, a space dedicated to creating a deeper style of learning. It offers enhanced realism, advanced video technology and vital resources needed to help students grow into competent and confident professionals. Occupying approximately 7,000 square feet of space, the Learning and Simulation Center offers an array of technology that increases realism, improves the quality of evaluation and enhances clinical learning. The Center includes the Robert and Mary Weisbrod Fundamental Skills Lab along with areas for instruction in acute care, health assessment, basic care, medication and home care, as well as two large classrooms. It also has standardized patient rooms where outpatient clinic visits can be simulated.

Student preparation for the nursing licensure exam, the NCLEX-RN, begins in the freshman year, and faculty
has made a commitment to active learning strategies which enhance critical thinking. The School’s NCLEX-RN first-time pass rate has risen to 92.23%, well above the national pass rate of 84.18%.

The School of Nursing new Honors Program began fall 2016 for undergraduate students as a way for selecting BSN nursing students with strong academic potential to focus on an area of significance to nursing, develop an undergraduate thesis with faculty guidance, and gain the necessary scholarly inquiry skills needed for graduate school.

The inaugural issue of the School of Nursing Magazine was published in 2016. This glossy, 32-page print and digital publication highlights the School’s accomplishments and future goals, as well as faculty, student and alumni achievements.

The School of Nursing was the first school at Duquesne to use Nearpod, an interactive classroom assessment tool. Nearpod is designed to implement engaging, interactive lessons while providing opportunities to assess student knowledge. Nearpod was adopted University-wide starting fall of 2016.

This fall, the school will host the seventh annual McGinley-Rice Conference, “Exploring Social Justice for Vulnerable Populations: The Face of the Person with a Disability.” This national forum focuses on critical issues in health care practice and policy through the lens of social justice.

John G. Rangos, Sr. School of Health Sciences

The Rangos School of Health Sciences programs continue to be some of the most sought after programs at Duquesne. For the past 12 years, the school has met enrollment goals, and RSHS graduates have been able to secure positions and advanced educational opportunities in their fields. Students in the Physical Therapy and Athletic Training departments had a 100% student pass rate on their licensure exams, while Physician Assistant Studies students had a 95% pass rate average over the past five years. Students in Speech-Language Pathology achieved a 100% pass rate on the national Praxis examination in Speech-Language Pathology for the fourth year in a row.

Three RSHS departments experienced milestones in 2016. The Occupational Therapy Department received a ten year continuing accreditation award for the Master of Science degree program and was awarded seven years of initial accreditation for the Doctor of Occupational Therapy (OTD) degree program. The first cohort of OTD students will graduate in December 2016, and the Athletic Training program will go through its reaccreditation review this year with a CAATE site visit scheduled for November. That program celebrates its 25th year and the Speech-Language Pathology program begins its 20th year.

Faculty from all departments continue to have a national presence as expert clinicians, scholars and leaders in their respective disciplines. Dr. Mikael D. Kimelman serves as Chair of the Council on Academic Accreditation in Audiology and Speech-Language Pathology, and Caterina Staltari is President-elect of the Pennsylvania Speech-Language-Hearing Association. Dr. Bridget Calhoun will serve on the Innovative Item Development Committee with the National Commission for the Certification of Physician Assistants (NCCPA) and Dr. Elizabeth Deluliis serves in a similar role for NBCOT. Faculty and students from all departments have presented their scholarly works at national, international and regional professional meetings, and the work of the schoolwide inter-professional education committee has been recognized with several national publications and presentations.

Rangos faculty continue to obtain grant funding in support of their scholarship. Dr. Regina Harbourne successfully completed the first year of the START-Play Department of Education multi-site grant. The grant is fully funded for year two of this four year, $3.5M project studying early intervention for infants with movement disorders. Faculty in the Speech-Language Pathology Department received a $12,000 Community-Engaged Pathways Grant, and Dr. Heather Rusiewicz received a $6,000 Paluse Faculty Research Grant.

The RSHS students and faculty, in the spirit of the mission of the school and University, have actively given back to their community. The Physical Therapy class of 2016 raised $2,300 to support the Mario Lemieux Foundation, and they recently participated in the Juvenile Diabetes Association Walk. Faculty, students and alumni of the Department of Athletic Training provided volunteer medical care for participants of the 2015 Pittsburgh Steelers 5k, the 2016 PA Winter Special Olympics and the 2015 Pittsburgh Marathon. Physician Assistant Studies students served as camp counselors for
Camp Erin, a bereavement camp for children and teens. The Occupational Therapy Department continues to deepen community University partnerships with a variety of organizations including Shepherd’s Heart, Blind Vision Rehabilitation Services, Autism Speaks, Goodwill Industries, Achieva and many other organizations serving marginalized populations.

RSHS continues to grow its international footprint. This year marks the third year of the linkage program between the Rangos School of Health Sciences and Shanghai University of Traditional Chinese Medicine (SHUTCM). To date, 22 students have completed the program with concentrations in either occupational therapy or physical therapy. This year, 24 students are participating in the program where they will receive master’s degrees. In addition to students enrolled in master’s programs in OT and PT, six of the students are gaining a master’s degree in the Speech-Language Pathology department. A different group of 12 undergraduate students from SHUTCM participated in a “summer experience” program taking three classes; Introduction to Rehabilitation and Neuroscience, Upper and Lower Body Evaluation and Management and IPE Health Research Skills. The Athletic Training Department continues to maintain a student exchange agreement with the Athletic and rehabilitation therapy program at Athlone Institute of Technology in Ireland, hosting two visiting students this year, and taking a group of students and alumni to Ireland in the spring. The RSHS also will be offering MayAway Study Abroad programs to China and Australia.

McAnulty College and Graduate School

The McAnulty College and Graduate School launched a number of new initiatives and sponsored many events in 2015–2016.

In response to the closure of the School of Leadership, the graduate school developed its first completely online Adult Learners program, an M.A. in Corporate Communications, to begin in the fall of 2017. In addition, the graduate school inherited the M.S. in Leadership program and has reviewed and revised it to situate it within the liberal arts.

In conjunction with the Center for Adult Learners, the college developed a Military Veterans Committee to sponsor events and promote the interests of veteran students. With the committee’s recommendations, the college sponsored a film and a series of talks during Veteran’s Week 2015 and plans to sponsor similar events in 2016.

The college promotes numerous events focused on internships so as to help students develop relationships with future employers. The second year of our internship development course, Liberal Arts in Action, was a success. Four sections total were held, two more than last year. More than ten alumni were involved in direct
work with students, giving advice about applying for relevant jobs, giving interviews and doing follow-through with internship and job applications.

Phenomenological research is an important heritage of and priority for the college. With an internal grant from the University, the college now hosts a semester-long funded Endowed Position for a visiting Scholar in Phenomenology. Dr. James Risser, from Seattle University, was our inaugural Endowed Scholar for this past year. He taught a graduate course in philosophy, met with students and gave a well-received final lecture.

The theater arts program had a very good year in 2015-2016. It supported six Red Masquers presentations in the new Genesius Theater, including A Midsummer’s Night Dream and Death of a Salesman. The McAnulty College Learning Community first year students all attended the Death of a Salesman performance as well as an event to meet with the cast and stage crew. During the year, the Duquesne Spotlight Musical Theater program merged with the Red Masquers in order to coordinate better their two theatrical missions.

The college remains strongly committed not only to the theatrical but also the fine arts. We hosted several fine arts events. The history department’s public history program brought to campus an art exhibit in conjunction with the State Correctional Institute of Pittsburgh and the Inside-Out Program. The Consortium for Christian–Muslim Dialogue Committee sponsored a Muslim Arts exhibit. Spiritan Campus Ministry and the college teamed up for a week-long exhibit of images of the Year of Mercy, proclaimed by Pope Francis, derived from Spiritan publications. The college also formed, with La Roche College and Carlow University, a series of talks and events to focus on the Year of Mercy. The college also teamed with the Honors College to produce an exhibit showcasing An Adventure for Inspiration: Rediscovering the Creative Process Through the Grand Tour, produced by Josef DiPietrantonio, an Honors College Endowed Fellow. His trip was intended as a contemporary version of the 18th-century “Grand Tour,” the traditional journey a nobleman took after completing his education. The college also supports a youth art program called TeleCommunity, as well as the Lexicon art program run through the English department. Finally, more inter-school programs with the School of Music have been initiated, for example, co-hosting a concert in conjunction with the Year of Mercy celebration and another collaboration with the University’s annual Kristallnacht commemoration.

In the area of literary arts, the college co-hosted an event that exhibited a rare and valuable edition of Edmund Spenser’s The Faerie Queene, which is a landmark work in English literature. Alumnus Dr. Robert Giannetti donated a 1611 edition of the book to the Gumberg Library.

The 2016 Human Rights Film Series, From Silence to Solidarity, was hosted by the Modern Languages and Literatures department. It included a presentation of the film Food Chains, which focused on the $4 trillion global supermarket industry and the mistreatment of workers who toil in the fields to support it.

The philosophy department unveiled a new yearlong series of lectures on “The Examined Life.” The series was underwritten by a recent alumnus of the doctoral program. Many of the presenters were current faculty members of the department. The series is set to continue next year.

This year’s Holy Spirit lecture focused on Pope Paul VI’s 1965 encyclical Nostra Aetate and in particular the relation of the Church with non-Christian religions. The three presenters included Rabbi Alons Goshen-Gottstein, Dr. Amir Hussain and the Rev. James L. Fredericks. In addition, the Division of Mission and Identity, the Department of Theology and the Rev. Pierre Schouver, C.S.Sp, Endowed Chair in Mission hosted a special two-day conference, “Celebrating 50 Years of Nostra Aetate of Vatican II: Transforming Christian Relations with Other Religions.”

Four Duquesne students had the opportunity to cover the visit of Pope Francis in Philadelphia and Washington, D.C. in September as credentialed reporters. The journalism and multimedia undergraduates, working on a class project for adjunct professor and WTAE-TV reporter/anchor Mike Clark, traveled to Philadelphia with pilgrims from the Diocese of Pittsburgh.
In its third year, the Duquesne University Summer Creative Writing Camp brought 15 high school students to campus this summer for one week of workshops, lectures and readings devoted to the craft of poetry and fiction. Students worked with published writers on their craft and presented their work on a daily basis. While the classroom/workshop experience was central to the camp, students also explored Duquesne’s campus, using various locations (the Bluff, the student union, the library) for inspiration and assignments. Over the course of the camp, students put together a literary magazine that was presented to them at the end of the week at a public reading for the writers and their families.

Following a project going back several years, two JMA students did work as pro-bono media consultants at the September 11th Families Association and Tribute Center at Ground Zero in Manhattan. The project recently received significant financial support from an anonymous donor.

Fr. Dan Walsh, head of Spiritan Campus Ministry, has worked with the College to establish a satellite campus ministry office within College Hall. This new office is located on the second floor of College Hall near the College Office. Recently hired Giovan Cuchapin serves as a direct liaison with the College and is accompanied by Fr. Vince Stegman.

The College has a strong commitment to the University’s strategic dedication to Africa. The College runs a number of courses on sub-Saharan related areas that are now part of the minor that was recently approved for the Center for African Studies. This past year, we sponsored a Maymester program offering courses in both Theology and English in Accra, Ghana.

Progress was made on the college core this past year. An entirely new committee was installed and it has already made significant headway: it approved a second degree core curriculum for the college (most specifically targeting students who come to Duquesne with an associate’s degree) and it developed a proposal for a University-wide secondary major in the college that is currently being considered at the level of the University.

Inaugurated five years ago as a daylong retreat hosted jointly by the college, Career Services and Spiritan Campus Ministry to help students discern their future careers as a vocation, the “Pursuing Purpose” project expanded significantly in recent years. This year a retreat for 15 students was held at the Spiritan Retreat Center in Bethel Park. The event is led jointly by faculty/student and is now focused on developing leadership. The students who attend the retreat have become effective student leaders in our recruitment programs for the college.
Strong recruitment efforts continue by working in close collaboration with the Office of Admissions. The effectiveness of using blogs, Facebook, Twitter, and email to share information about the College with prospective students has improved. Student marketing assistants and other college students continue to take the lead in these efforts, under the direction of our new Director of Undergraduate Recruitment and College Communications Bill Klewien.

The Psychology Clinic has seen an increase in its number of clients, even though the number of Psychology graduate students who serve in it has remained unchanged. It continues to provide an outreach to a number of constituencies: the underprivileged, veterans, on campus students and immigrant populations.

Significant increases in external grant funding have come in the area of graduate student scholarships. In the last five years, for example, college graduate students have received four Fulbright Awards, two Deutsche Akademische Austauschdienst (DAAD) Awards, two Humanities Research Council (Canada) Awards, one Chateaubriand Award and one K. Patricia Cross Future Leaders Award.

Accomplishments and recognitions can be found with the college faculty. In a monograph on bioethics published this past year, Dr. Henk ten Have, director of the Center for Healthcare Ethics, looks at the global sense of vulnerability to disease, disasters and environmental changes. The book, *Vulnerability: Challenging Bioethics*, explains and elaborates on this new concept of vulnerability in bioethics. While vulnerability is typically framed as an individual weakness, ten Have examines the phenomenon as created through the social and economic conditions of a person’s life.

The U.S. Army War College appointed Dr. Holly Mayer of the History Department as its Harold Keith Johnson Chair of Military History for the 2016–2017 academic year. She will serve at the prestigious U.S. Army War College, which provides graduate-level instruction to military officers and civilian officials to prepare them for senior leadership assignments and responsibilities.

Dr. Greg Barnhisel, chair of the English Department, presented at the National Archives in New York on his recently published book *Cold War Modernists: Art, Literature, and American Cultural Diplomacy* and also gave a lecture on the book at New York University that was aired on CSPAN-3.

Pope Francis, the United Nations, world leaders, scientists and climate change activists each have appealed to better protect the Earth. But, in a world of different religious beliefs, Dr. Daniel Scheid of the Theology Department explores how the special qualities of the planet play out. His monograph, *The Cosmic Common Good: Religious Grounds for Ecological Ethics*, published by Oxford University Press, depicts how multiple religions intersect at the crossroads of caring for the Earth and its inhabitants.

Dr. Alima Bucciantini worked to create a temporary museum that served as a repository for art, objects and stories related to the Hill District. Entitled *Our Hill, Our Home, Our Stories: Collecting Our Neighborhood*, the installation was created with assistance from her graduate public history class. Working with the Carnegie Library branch on Centre Avenue and the Hill House, the class engaged the community in sharing stories and artifacts for two days.

In collaboration with the University of Pittsburgh, Dr. John Rief of the Department of Communication and Rhetorical Studies led the debate program at Duquesne in hosting the iDebate Rwanda 2015 USA Tour, titled, “Voices from a Post-Genocide Generation.” This was the first event to be officially held under the new title: “The Father Sean M. Hogan, C.S.Sp. International Debate Series.”

A hallmark of Asperger’s Syndrome, a condition on the autism spectrum, is often social awkwardness. Dr. Elizabeth Fein of the Psychology Department looks at the ways autism and society shape each other. She did research in a small, East-coast town where youth with Asperger’s Syndrome have turned what typically is viewed as a negative difference into a positive one. She found “Aspie pride” resonates with these young people and enhances their social lives—and she believes that it might serve as a model for other communities. She presented her work at an international workshop on social and cultural impacts of autism that she co-organized in Rio de Janeiro.

Dr. Lucía Osa-Melero of the Department of Modern Languages and Literatures coordinated a second annual immersion experience to enrich a local preschool by having Duquesne undergraduate students work closely with the three-to five-year-olds on Spanish language
enrollment research indicates that students are strongly attracted to varied programs of study at both the graduate and undergraduate levels, so the College and Graduate School of Liberal Arts is committed to program development.

Through the initiative of Dean Mary Ellen Glasgow, our Health Care Ethics Program is partnering with the School of Nursing on a shared online Ph.D. in Nursing Ethics. It is a highly original program design.

A minor in Medieval and Renaissance Studies was finalized in 2015–2016. The interdisciplinary minor brings together courses in History, English, Philosophy, Classics, Theology, Modern Languages and Literatures, Theater Arts and Music. Dr. Sarah Miller organized the effort to form the minor.

With the closure of the School of Leadership, we are developing in the college new online academic programs for adult learners. Initially we “inherited” several of the former School of Leadership programs. Most notable was the M.S. in Leadership, which we are now running. We are transforming it to become a state-of-the-art online program in liberal arts. It attracts adult learners who are looking to advance in their professions or start new ones. We are making necessary adjustments to meet the needs of the online adult learner market and to ground the program in the liberal arts.

The Department of Communication and Rhetorical Studies developed an M.A. in Corporate Communication to be launched in fall of 2017. Having already begun to offer some graduate corporate communication courses online, the department is now developing an entirely online M.A. program to be made available to adult learners.

The Journalism and Multimedia Arts department launched an Undergraduate Online Web Design and Development Certificate. It is meant to be an interdisciplinary and inter–school degree.

An Actuarial Science Certificate emerged as an exciting new joint venture of our Mathematics and Computer Science department and Economics program.

A number of additional proposals are currently at various stages of development: a minor in Biostatistics/Statistics, a PULSE Program (combinations of Theology, Philosophy and CETR courses), a minor in Health Care Ethics, a Ph.D. in Catholic Health Care Ethics, an M.A. in Psychoanalysis (a joint program between Philosophy and Psychology) and an M.A. in Applied Sociology.

The number and quality of online offerings of select undergraduate courses, particularly those applicable to the University and college cores, have been expanded. This past summer, the largest number of online courses ever was offered with plans to offer even more next year.
The Biomedical Engineering Program commenced its second year of instruction with 23 new students, giving a total enrollment of 45 freshmen and sophomores from Pennsylvania, Ohio, West Virginia, New York, Maryland and Mississippi as well as two students from Rwanda. Dr. Scott A. Prahl welcomed the new students on August 21, 2015 during the BME Freshman Welcome in Libermann Hall. Applications in 2015 increased almost 80% over the previous year. The third class of students was recruited for the fall semester of 2016 from over 300 applicants, an increase of about 30% from 2015.

The BME program continued to grow, hiring an additional tenure-track assistant professor, Dr. Benjamin S. Goldschmidt. Dr. Goldschmidt was previously a research assistant professor running the melanoma research program in the BME Program. Dr. Goldschmidt received his B.S. and Ph.D. in bioengineering from the University of Missouri, Columbia. His research expertise is in biomedical optics and he has developed an optical technique, total internal reflection photoacoustic spectroscopy (TIRPAS), for biosensing applications. Dr. Goldschmidt began building his biomedical optics lab in the research wing of the BME program, including a picosecond laser and associated devices for his research. The program will conduct another search for another tenure-track faculty member in 2017 to expand the growing curriculum and research program.

The BME program also welcomed two student assistants. Ashley Martin is a graduate student in psychology and was hired as a graduate assistant, providing help in administrative efforts for the program. Additionally, Elizabeth Putney joined the program as a work study student.

New BME coursework was developed to accommodate the sophomore curriculum. Dr. Kimberly Forsten Williams, adjunct associate professor in Biomedical Engineering, developed and taught two new courses, BMED 210, Thermodynamics, and BMED 220, Introduction to Biomaterials. Dr. Viator, director of the BME program, developed and taught a two-term sequence, BMED 201 and 202, Biomedical Electronics and Instrumentation. This course culminated in a mock elevator pitch competition for angel investment based on the term projects developed by student teams.

The five year dual-degree program with the School of Nursing that results in a B.S.N. and B.S. in Biomedical Engineering has enrolled five students in the freshman and sophomore classes. These students have begun taking nursing coursework in parallel with their engineering studies. Interest in this novel program of study has been increasing, with almost half of the incoming students for the fall semester of 2016 indicating an interest in the program.

A second five year dual-degree program was approved that combines a B.S. in Mathematics and a B.S. in Biomedical Engineering. While the engineering curriculum is heavily math based and includes a mathematics minor, some students seek to deepen their exposure to mathematics. This dual degree program includes the entire BME curriculum and the major requirements for the B.S. in mathematics. This program extends the engineering base to include deeper study of advanced courses such as real and complex analysis, abstract algebra and numerical analysis.

The BME Program’s research efforts have resulted in over 30 peer reviewed publications and several grants awarded. Dr. Viator received a $275,409 installment of his five year R01 grant from the NIH, entitled “Photoacoustic detection, capture, and analysis of circulating melanoma cells.” He also received an extension from Acousys Biodevices Inc. for device development for melanoma detection. In addition, he was awarded a $28,000 grant from DoD-Innovation Works for photoacoustic detection of bacteria in blood using bacteriophage technology. This work also resulted in a patent application between Duquesne and the University of Pittsburgh. In 2016, Dr. Viator was promoted to Senior Member of the International Society for Optics and Photonics (SPIE).

Dr. Prahlad Menon, assistant professor of Biomedical Engineering, also received grant support from the NIH, an R01 entitled “Geometric surrogates for clinical management of abdominal aortic aneurysms” and support through SBIR funding from CerebroScope, a medical device startup firm. He also received a 2016 Faculty Development Fund award from Duquesne. He published numerous papers on his work in *Journal of Cardiovascular Magnetic Resonance, Development, Computer Methods in Biomechanics and Biomedical Engineering*, and others.

Dr. Goldschmidt received an award from Duquesne University from the Charles Henry Leach II Fund for “Total internal reflection photoacoustic microscopy” in 2015. He also published in the *Journal of Visualized
Experimentation, Methods in Molecular Biology, and Journal of Biomedical Optics.

The BME program has provided opportunities in cutting edge research to its undergraduate students. Approximately one third of the students participated in undergraduate research and external industrial internships, including six students who received funding for the undergraduate research program at Duquesne. In addition, Cecelia Lee–Hauser was offered a summer research fellowship from Wake Forest University, which she declined in favor of another offer from the University of Miami.

**School of Music**

Once again, the Mary Pappert School of Music successfully served as a community catalyst for the arts. Students and faculty provided first-rate concerts on campus and around the globe. Updated ticketing possibilities enabled crowds to continue to grow to record numbers. Faculty members continue to be of the highest quality, with over 20 members of the Pittsburgh Symphony Orchestra, and many others active as members of the Pittsburgh Ballet and Opera Orchestras, Pittsburgh Jazz Orchestra, River City Brass Band and many other regional ensembles. The academic faculty have continued to produce scholarly works, present and/or lecture within their various disciplines, and serve as adjudicators and/or conductors for festivals and competitions all over the world.

In collaboration with the Division for Mission and Identity, the Mary Pappert School of Music held two events as part of Founders Week. Organized by faculty members Dr. Meghan Hynson and Dr. Joe Sheehan, a steel pan technique workshop and world music concert were presented.

On the heels of receiving the Presidential Award for Teaching Excellence in September 2015, Dr. Jessica Wiskus, professor of Music, has been awarded a fellowship at the Aarhus Institute of Advanced Studies (in Denmark) from February 2017 through July 2018, where she will work on a project exploring the relationship between rhythm and ethics.

Recent artist diploma graduate Philip Manning won two consecutive major auditions for concertmaster positions in the Calgary Philharmonic and the Victoria Symphony. Philip accepted the latter, performing his first concert with them on July 20, 2016.

Schubert on the Bluff, Year One became the first-ever concert series presented by the Mary Pappert School of Music to offer reserved seats. Overwhelming support for these concerts resulted in sell-out crowds, and a collaboration with the A.J. Palumbo Center Box Office led to a reserved seating system that also enabled advance ticketing.

The Mary Pappert School of Music was the home for the Pennsylvania Music Educators Association (PMEA) District I Jazz Festival. Over the course of two days, 52 high school students from around the region came to Duquesne’s campus and rehearsed with Duquesne faculty and guests, culminating in a concert consisting of three big bands in the Duquesne Student Union.

In collaboration with the DePaul School for Hearing and Speech, the Western Pennsylvania School for the Deaf and St. Mary of the Mount Parish, the Mary Pappert School of Music presented “Eyes and Ears of the Spirit,” a concert and lecture centered around how those who are hearing-impaired experience and participate in music. Guest clinicians included Alice-Ann Darrow from the Florida State University and Julie Novak from the Colorado School for the Deaf and Blind.

Music alumni, faculty, staff and students worked diligently with University administration to conclude the successful search for a new orchestra director. Daniel Meyer was appointed Director of Orchestral Activities of the Mary Pappert School of Music. Additionally, two visiting faculty members, hired last year, continue their work in the musicianship department, addressing clear needs in the fields of music theory and ethnomusicology.

**The Bayer School of Natural and Environmental Sciences**

During the past year, the Bayer School of Natural and Environmental Sciences received $1.7 million in new grant funding from agencies such as the National Science Foundation (NSF), the National Institute of Health (NIH), the Colcom Foundation and the Heinz Endowments. Faculty members published over 60 peer-reviewed journal articles in some of the top journals in their fields.

Working with their faculty mentors, graduate and undergraduate students in the Bayer School are often rewarded with awards of various types. Some are from national organizations and are linked to scholarships and
fellowships. Following on the success of three undergraduate students in the Bayer School being named Goldwater Scholars in 2014, in 2016 a student in Biological Sciences received a Goldwater Scholarship and a student from the Department of Physics received honorable mention. This year’s scholarship recipient became one of only 252 sophomores and juniors nationwide to be selected from 1,150 nominees for the nation’s premier undergraduate award in mathematics, science and engineering. This makes five Goldwater Scholars within the past five years, which is a great achievement. Additionally, a sophomore biology major won an American Physiological Society (APS) fellowship, an elite Undergraduate Summer Research Fellowship, to continue her study of gender differences in chronic pain. Other students are continuing their prestigious awards, fellowships and scholarships they received the previous year. These include the F31 Kirschstein National Research Service Award from The National Institute of Diabetes and Digestive and Kidney Diseases of the National Institutes of Health that was awarded to a doctoral student in the department of Biological Sciences, and a $50,000 fellowship from the U.S. Environmental Protection Agency’s (EPA) Greater Research Opportunities Undergraduate Fellowship awarded to an undergraduate environmental science major in the Center for Environmental Research and Education (CERE), who is exploring the remediation of arsenic in produced water from shale gas wells.

Bayer School graduate students participated in the Graduate Student Research Symposium held on Nov. 6, 2015. In total, 65 Duquesne students participated in the symposium, of which 25 were BSNS students. Bayer School undergraduate students participated in the Undergraduate Student Research Symposium on April 6, 2016. In total, 150 Duquesne undergraduate students participated in the symposium, of which 40 were BSNS students.

The department of Chemistry and Biochemistry’s American Chemical Society (ACS) Student Members Organization has again received the ACS Outstanding Student Chapter Award, making this five years in a row. In addition, this year they also received the ACS Green Chemistry Chapter Award for the second year in a row.

Duquesne University hosted the 82nd annual Pennsylvania Junior Academy of Science (PJAS) Regional Competition on Feb. 6, 2016. More than 800 STEM (Science, Technology, Engineering and Mathematics) students in grades 7–12 from Allegheny and Westmoreland counties attended the event. The 82nd meeting marks the third time that the regional PJAS competition took place at Duquesne, rather than an area high school. The intent of the Bayer School of Natural and Environmental Sciences was to establish Duquesne as the long-term partner with PJAS and the regional community. Participating students select a project topic from one of the following scientific categories: behavioral psychology, biology, biochemistry, botany, chemistry, computer science, earth and space, ecology, mathematics, microbiology, physics and zoology. Then, they research background information about the topic, formulate a hypothesis, develop an experiment, collect data, analyze data and form a conclusion. This becomes the basis of the oral presentation they presented at the competition.

College students from Duquesne and nearby institutions without top-level research labs have spent their summers on campus, working in the University’s science labs under faculty guidance in the Summer Undergraduate Research Program (URP). For the 19th Summer URP, the number of students involved reached a new high of 80, compared to more typical years with 45 to 50 students. These experiences are valued at more than $300,000 and represent a “triple win” for individual students, who receive stipends for working in a research lab, knowledge from completing labor-intensive research projects and preparation to enhance their possibilities for future employment. A key to growing the program has been external funding from a variety of financial sources—the National Science Foundation, National Institutes of Health and Duquesne—to support this year’s contingent of potential STEM workers. In its second year, Duquesne’s Pain Undergraduate Research Experience (PURE), an effort tied to the University’s Chronic Pain Research Consortium, a cross-disciplinary collaboration of researchers confronting different aspects related to the treatment of chronic pain, was able to fund 12 students to participate in the summer URP. The summer URP culminated with podium and nearly 120 poster presentations by the students, who are rising freshmen, sophomores and juniors. Dr. Leon Perez, vice president of Technology and Business Development at Reaxis, Inc., delivered the keynote address at the symposium.
The Bayer School and the department of Chemistry and Biochemistry also sent 13 undergraduate students to present their research at the American Chemical Society National Meeting and Exposition in San Diego, California in spring 2016. Six physics undergraduate students presented their research at national conferences including the meeting of the American Physical Society in Salt Lake City, UT, the Division of Nuclear Physics of the American Physical Society in Santa Fe, NM and the Frontiers in Optics meeting of the Optical Society of America in San Jose, CA. Six female physics undergraduate students attended the regional meeting of the Conference of Undergraduate Women in Physics at Ohio State University. Additionally, a physics undergraduate student received a summer 2016 U.S. Department of Energy internship at the Thomas Jefferson National Accelerator Facility (Jefferson Lab) in Newport News, Virginia, which is one of 17 national laboratories funded by the U.S. Department of Energy. This is the fifth consecutive year that physics majors have received national lab internships.

The Forensic Science and Law Program participated in the 6th Annual PA Forensic Science Student Research Exchange hosted by Cedar Crest College in Allentown PA. This event is for all of the state’s accredited forensic programs. More than 100 faculty, graduate and undergraduate students from Duquesne, Arcadia University, Cedar Crest College and Pennsylvania State University participated in the event and numerous Duquesne students gave oral or poster presentations.

The Cyril H. Wecht Institute of Forensic Science and Law, which became part of the Bayer School in late 2014, hosted its annual symposium in November 2015, in cooperation with the Department of Justice and the National Initiative for Building Community Trust and Justice. The 2015 symposium was titled “BEYOND BALTIMORE: Bridging Public Safety and Social Justice in the Policing of America’s Streets.” The Wecht Institute also hosted Forensic Friday events on various topics of importance including Social Media and the Courts, Computer Forensics, Is Forensics Getting Fixed? and Sexual Assault on Campus. Additionally, the Wecht Institute is now streaming these events live, and is also archiving the materials for on demand viewing for Continuing Legal Education (CLE) credits through a program called From the Vault. A new twice a semester lunchtime program titled Ethics and Eats was introduced in summer 2016.

The department of Chemistry and Biochemistry continued its participation in the American Chemical Society’s Project SEED by providing summer research opportunities to financially disadvantaged high school students. Project SEED was established in 1968 to help economically disadvantaged high school students expand their education and career outlook. This summer research program opens new doors for these students so that they can experience what it’s like to be a chemist. American Chemical Society Project SEED students entering their junior or senior year in high school are given a chance to work alongside scientist-mentors on research projects in academic laboratories, wherein they can discover new career paths as they approach critical turning points in their lives. Students received a fellowship award for their efforts in the summer and a chance to receive a SEED college scholarship. Two students who participated in Project SEED applied and were admitted to Duquesne to pursue degrees in chemistry beginning in fall 2016.

The Forensic Science and Law Program hosted the 13th Annual Forensic Science and Law Workshop, wherein 24 high school students attended the four day workshop on the Duquesne University campus. Workshop topics included evidence collection, fingerprints, arson investigation, thin layer chromatography (TLC), toxicology, hair and fiber analysis, a review of famous cases, body decomposition, firearms and tool marks, eyewitness identification, DNA fingerprinting, mock crime scene, handwriting analysis and blood spatter. The workshop culminated with the students solving a crime using all of the learned techniques.

Biological Sciences continued its sixth year of participation in the SIGMA Science Mentorship Initiative, a student-initiated program that brings African-American high school students to Duquesne to participate in weekend laboratory workshops and scientific career discussions in the biological sciences. SIGMA is another link in a continuum of diversity initiatives in the Bayer School that includes Project SEED, the Bayer Scholars’ Program and the Bayer School Summer Undergraduate Research Program.

During a day-long conference on metals in biological systems held in the Bayer School, the environmental effects of metal ions, especially in western Pennsylvania, were discussed by five experts in the field. This symposium, held in September 2015, provided a forum for researchers and educators with areas of expertise that
ranged from synthetic chemistry, to environmental toxicology, to biomedical science. This event fostered new collaborations and friendships between scientists with complementary skills and goals. The conference also hosted a poster session wherein 18 students presented their research on metals in biological systems.

Darwin Day is an annual international event that celebrates the life and work of Charles Darwin, scientific inquiry, and the common good of all humanity. It is a time to emphasize the importance of science education in today’s modern world, and the impact evolutionary biology has on many aspects of our lives, by focusing on the verifiable knowledge that has been acquired solely through human curiosity and ingenuity. This year’s Darwin Day celebration was again sponsored by the Bayer School and the department of Biological Sciences and was highlighted by a lecture titled “African Evolutionary Genomics: A Modern Look at Human Genetic Diversity.” The lecture was presented by Dr. Sarah Tishkoff, professor of Genetics and Biology at the University of Pennsylvania. The department of Biological Sciences also again sponsored the 10th Pittsburgh Bacterial Meeting (PBM) that brings together the bacteriology community in the Pittsburgh and tristate area. While principal investigators attend the conference, the focus is on student presentations. Post docs and graduate students also presented their research in short talks and posters.

The forensic science students in the Bayer School took the Forensic Science Aptitude Test (FSAT) during the 2015–2016 academic year. This exam, developed by representatives of the American Board of Criminalistics (ABC), the Forensic Educators Programs Accreditation Commission (FEPAC), the Council of Forensic Science Educators (COFSE), and the American Society of Crime Laboratory Directors (ASCLD), is utilized by prospective employers to assess a student’s level of forensic science knowledge. The average score for Duquesne Forensic Science and Law students ranks fourth out of the eight schools taking the examination in spring 2015.

Regarding faculty appointments and awards, Professors Partha Basu of the department of Chemistry and Biochemistry and Dave Lampe of the department of Biological Sciences (DBS) were inducted into Duquesne’s Office of Research Hall of Fame in recognition of their outstanding research, based on consistency in sponsored research funding, research impact and/or funding amounts. Additionally, a Duquesne University President’s Awards for Faculty Excellence in Teaching was awarded to Dr. Jeff Evanseck from the department of Chemistry and Biochemistry. Also, Dr. Ellen Gawalt was named the recipient of the Hillman Distinguished Professorship, which is endowed by the Hillman Foundation and rotates among Duquesne’s nine schools for a five–year term. Dr. Sarah Woodley from the DBS was awarded Duquesne University’s Creative Teaching Award for the second time. The award recognizes Dr. Woodley for providing students with a unique educational experience based on the Application-Based Service Learning pedagogy, developed with fellow DBS faculty member Dr. Nancy Trun and funded by the National Science Foundation. Dr. Nancy Trun received the 2016 Spirit of Learning Award by the Duquesne University chapter of the national honor society Phi Kappa Phi. Lastly, Dr. Allyson O’Donnell, assistant professor in the DBS, was selected for a five–year, NSF Faculty Early Career Development Program Grant, which is awarded to less than 10 percent of all applicants.

A.J. Palumbo School of Business Administration and the John F. Donahue Graduate School of Business

Over the past year, the school has made amazing progress in areas aligned with strategic goals:
- Developing compelling academic programs
- Increasing faculty prominence and impact
- Creating world class facilities
- Building the Palumbo–Donahue School brand

Responding to evolving business education trends, some key programs have been redesigned and new ones created.

The redesigned 36–credit hour flexible Professional MBA curriculum, with evening classes held on campus and online, can be completed in just two years on a part–time basis. Taking what is known to work in graduate business education—an experientially–focused curriculum characterized by compelling real–world projects, leadership skill development activities and signature courses reflecting learning themes—the school built a program designed to move students to the next level both personally and professionally.

The full–time MBA Sustainability was revamped to make the program more efficient while also broadening its appeal beyond sustainability “purists.” The revised program, MBA–Sustainable Business Practices (MBA–SBP), has an integrated focus that reflects the current view that
sustainable business practices should be incorporated into a firm’s strategy, engagement with stakeholders and operations instead of seen as a separate concern. The program emphasizes a one-year structure, project experiences, professional development activities and strong foundation in addition to sustainability.

Two specialized master’s degrees are available entirely online through the School of Business. The Master of Science in Management offers an education in leading change and executive strategy. The Master of Science in Sports Business is geared to working professionals in a variety of positions across the sports industry.

The faculty of the School of Business, through the Undergraduate Curriculum Committee, the various departments and the academic leadership team, continues its redesign of the undergraduate curriculum with the goal of completing the first phase in fall 2016 and implementing the changes in fall 2017. The scope has included the business core curriculum, new/revised business majors and minors, and student experiences—including a ‘cornerstone to capstone’ real-world project experience for each student.

The redesigned Entrepreneurship major focuses on world-class student experiences. It includes a cornerstone experience where sophomores receive $5,000 to run a company for a year, a keystone experience where juniors invest real money in start-ups though BlueTree Allied Angels and a capstone where seniors help struggling entrepreneurs turn their business around.

In addition, recently a $1,000,000 pledge was received from a generous donor to support ideation and prototyping spaces that will be part of the school’s new Center for Excellence in Entrepreneurship.

Recruiting is a big part of improving faculty profile. When Dr. Dean McFarlin arrived at Duquesne in 2013, the school only had two named positions. There are now five—adding two new named faculty fellowships aimed at existing faculty, the Harry W. Witt Faculty Fellowship and the KPMG Faculty Fellowship in Accounting, and one new professorship, the Merle E. Gillian Professorship in Entrepreneurial Finance.

Beyond named positions, the school can point with pride to the impact that the faculty are having thanks to their reputations and excellence in research. Thanks to the Beard Faculty Resource Fund in Business Ethics, the Institute for Ethics in Business at Duquesne University is launching an annual book series, entitled *Business and Society 360*, sponsored by the International Association for Business and Society (IABS). Each volume is a combination of invited and submitted chapters from top scholars around the world, providing an overview of past work and highlighting cutting-edge research on selected topics related to business ethics.

Co-editors for the series are Dr. David Wasieleski, chair of the Management and Marketing Department and associate professor of Management, and Dr. James Weber, executive director of the Institute for Ethics in Business and professor of Management. Volume one in the series explores stakeholder management and is scheduled for publication sometime in 2017.

Physical spaces in Rockwell Hall are being created that support, enhance and nurture student learning, corporate engagement and faculty research. There is now an approved renovation plan in place for floors three through nine of Rockwell. This plan is part of a larger 2016–2022 master plan for the Rockwell complex.

The entire ninth floor of Rockwell is undergoing a major renovation with construction lasting into the fall 2016 semester. When completed, the floor will include
over a dozen new offices for faculty, plus sorely needed conference and work spaces to support student-faculty interactions.

Next, the plan is to renovate the fourth and sixth floors, in that order. In the meantime, the Campaign to Transform Rockwell Hall has been launched. A wide range of naming opportunities are available for both facilities and programmatic support. The Rockwell Hall renovation plan has been approved by the University. The renovations planned over the next several years are estimated at $32 million.

The School of Business is systematically raising its profile with alumni and providing a host of structured engagement and recognition opportunities. The new advisory councils help address this and connect to fundraising efforts. In 2015, the school’s new alumni-focused magazine, the *Duquesne Business Leader (DBL)* was launched. The DBL is a web-responsive publication (duq.edu/dbl) that is also produced in print. A PDF version of the DBL and/or the link to each issue is emailed to several thousand business alumni, business school deans at all AACSB-accredited schools and current students. We include embedded video links in DBL stories profiling alumni and students.

Finally, opportunities to pursue rankings that are good fits with what the school is already doing or that otherwise play to our strengths are seized. The undergraduate business program has jumped up in the 2016 Bloomberg Businessweek rankings to No. 55 in the nation—an improvement of over 50 slots from last year. The Professional MBA surged up 15 places in the latest *U.S. News & World Report* rankings. And, the MBA in Sustainable Business Practices was ranked 10th in the world and fourth in the U.S. by *Corporate Knights*, a quarterly international publication focused on social, economic and ecological benefits and costs.

Two newly formed advisory councils are helping guide the school. Launched in April 2015, the membership of the Business Advisory Council (BAC) and the Investment Center Advisory Council (ICAC) consists of seasoned executives and business leaders. The BAC is advising the dean on school-wide strategic directions, reputation-building, marketing and fundraising. The ICAC is offering advice and support to faculty and the dean’s office about enhancing the Investment Center and associated educational programs in finance in ways that align with the school’s strategic directions. Recruiting continues for both councils.

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**School of Law**

In November 2015, Duquesne University named School of Law Dean Ken Gormley to serve as the institution’s 13th president. Nancy Perkins became interim law dean on January 1, 2016 and served through the end of the academic year. Perkins was the first woman to lead the school in its 105-year history. She continues to hold the Noble J. Dick Endowed Chair in Academic Leadership.

At the end of the academic year, the Hon. Maureen Lally-Green accepted an appointment as interim dean from July 1, 2016 until the University names a permanent law dean. To assist the former Pennsylvania Superior Court judge and adjunct professor in her duties in the dean’s office, Professors Martha Jordan and Jacob H. Rooksby were named associate deans for academic affairs and administration respectively, for terms that began with the 2016–2017 academic year.

In the area of admissions, applications to the School of Law in 2015–2016 increased for the second year in a row, ending at 14% over last year and marking the highest application volume since 2011. The school also exceeded its enrollment goals, bringing in a total of 128 J.D. and LL.M. students.

The School of Law’s Legal Writing Program was ranked at No. 15 in the nation in *U.S. News & World Report* specialty rankings announced in March 2016. The part-time evening J.D. program came in at No. 44 in the nation. And the School of Law moved up rankings overall for the fourth time in four years.

During the academic year, *National Jurist* magazine named Duquesne Law the No. 15 “Best Value” among private law schools in the country in 2015. And GraduatePrograms.com included the school in its 2015 list of top 20 law schools for social interaction where students work together, engage in activities together and support each other.


Law faculty members began to submit shorter works to online component of law journals, which have, on a couple of occasions, led to publications of the same work, or a longer work, in the journal itself. This last year, the work of faculty members appeared in Notre Dame Law Review Online, Minnesota Law Review Headnotes, Wisconsin Law Review Forward, and Washington Univ. Law Review Online.

Professor Steven Baicker-McKee produced updated versions to five treatises and student-handbooks, and Associate Dean Wes Oliver produced two casebooks, among other scholarly work.

Faculty members spoke at more than 30 conferences across the country, including Professor Jane Moriarty, who presented at Fordham University School of Law’s 7th International Legal Ethics Conference. The Carol Los Mansmann Chair in Faculty Scholarship was part of a panel of scholars discussing developments in behavioral legal ethics and applications to law practice.

In other faculty news, the American Association of Law Libraries (AALL) inducted Associate Dean Frank Liu into the prestigious AALL Hall of Fame during the group’s annual business meeting in Chicago. The AALL cited Dean Liu’s significant contributions to the law library profession and the legal education community.

With the help of Dean Liu, the School of Law moved forward active partnerships with four top-ranking law schools in China, the China University of Political Science and Law (Beijing), Jiangxi University of Finance and Economics, School of Law (Nanchang), Southwest University of Political Science and Law (Chongqing) and Zhejiang University Guanghua Law School, (Hangzhou). Engagement opportunities focused in the areas of LLM candidate recruitment, faculty and student exchanges, summer study of law program in China, joint research projects and continuing legal education for American and Chinese lawyers.

During the academic year Dean Liu accompanied Provost Timothy Austin to visit China University of Political Science and Law, a long-standing law partner, where a memorandum of understanding was signed, then to Beijing Jiaotong University, a partner with the School of Business since 1996. Dr. Austin and Dean Liu also visited Zhejiang University, Quanghua School of Law, a new partner, and signed a memorandum of understanding outlining opportunities to explore.

Duquesne Law’s clinical programs continued to expand opportunities for students and service in the community. During the 2015–2016 academic year, law students contributed more than 17,800 hours of legal service to the region through the clinics, more than 5,300 hours through externships, and more than 2,200 hours through pro bono work.

Two new clinical programs launched during the year, both drawing local and regional attention. The Education Law Clinic, led by Professor Tiffany Sizemore-Thompson, began its work assisting area families with the school disciplinary process. The Pittsburgh Post-Gazette ran a front-page story and followed with an editorial detailing the clinic’s important work assisting area youths while teaching law students an under-represented area of law.

Early in the summer of 2016, the Pennsylvania Innocence Project opened a western office in Duquesne’s Tribone Center for Clinical Legal Education. The project hired a Duquesne Law graduate as managing attorney and recruited Duquesne Law and Pitt Law students to begin work in September 2016.

The Civil Rights Clinic also made news when it traveled to Harrisburg in January to help a client present her request before the Pennsylvania Board of Pardons. Led by Professor Tracey McCants Lewis, law students prepared the client and celebrated with her months later when the board approved the request, and then again when the governor signed the pardon. The case garnered a Pittsburgh Post-Gazette story and editorial.

And in other clinical legal education news, Duquesne’s Federal Litigation Clinic argued a case before the U.S. Court of Appeals for the Third Circuit. Two students in the clinic handled the argument on behalf of an indigent inmate, appearing remotely before a panel of three Third Circuit judges. Professor Laurie Serafino continues to direct the clinic’s work in coordination with two supervising attorneys.

Finally, the clinical legal education program saw a jump in number of externship opportunities during the academic year, with more than 300 partners now offering to place Duquesne Law students in externship
Also during the academic year, the School of Law continued to show strong employment rates for recent graduates. Career services data submitted to the American Bar Association (as of March 15, 2016) for the Class of 2015 shows that most graduates are working in legal jobs, with 59.31% in bar-passage required positions, 14.48% in J.D.-advantage positions and 9.66% in professional positions.

The Paralegal Institute completed its first full academic year as part of the School of Law, after joining the school in December 2014. Student evaluations reports ranged from very good to excellent for each of the program’s four terms. Students indicated they were satisfied with the program, the courses they have taken, the faculty and the resources available.

New student admissions reflected national decreases in paralegal program admissions and legal education. The Institute’s summer program, however, counting the day and evening sections, added a stabilizing factor. Sixty-nine students graduated from the institute during the academic year. The majority had at least an undergraduate degree. Several students had graduate degrees. Job placements for students and graduates remained strong. Of the 69 graduates, 94% were employed in law-related positions and two attended graduate schools including one in law school, by the start of the new academic year.

The Institute submitted and was granted re-approval as an education provider for Workforce Innovation Opportunity Act and Trade Adjustment Act funding by the Commonwealth of Pennsylvania, which represents the funding of over 10% of program students.

Finally, the Paralegal Institute began work to create a Strategic Planning Committee to further streamline the curriculum and explore online course offerings.

This year began for the School of Education with a new dean, three new faculty members, two visiting scholars and one new academic staff member. The new dean, Dr. Cindy M. Walker, came from the University of Wisconsin–Milwaukee, where she worked for the past 16 years. Her last position there was as the associate dean of Research and Engaged Scholarship. The three new faculty members include: Dr. Christian G. Google, assistant professor from Florida State University; Dr. Lenisa N. Joseph, visiting assistant professor from the University of Maryland; and Dr. Michele Moohr, visiting assistant professor from Penn State University, all of whom are working on the area of special education in the Department of Counseling, Psychology, and Special Education. The two visiting scholars are both from Turkey and include Dr. Burcu...
Aydın from Atatürk University, who will be working with Dr. Laura Mahalingappa from our Department of Instructional Leadership in Education on research in second and foreign language acquisition and, Arife Kart–Aslan, a doctoral student from Ankara University, who will be working with Dean Walker on research that will help to understand how to best model complex tests that measure scientific processes, in addition to scientific content.

Freshmen orientation included a visit from the Pirates Parrot and the Duquesne Duke! The new students enjoyed live music outside of the student union, a Velcro wall and great food.

Over the past year, restructuring of some programs to make them more cutting edge, and thus more attractive to prospective students was completed. The M.S. Ed in Educational Studies now offers a concentration in Classroom Assessment and the Ed.D. program in Educational Leadership has been totally redesigned and now incorporates a process of continuous improvement. The new Ph.D. program in Special Education has completed its first full year of implementation and with its international focus is adding diversity to students’ experiences, as well as bringing best practices from the United States to international audiences.

In the past year faculty and staff have been busy with maintaining the school’s accreditation. Specifically, faculty in the Department of Counseling, Psychology, and Special Education completed their self-study to maintain accreditation of their doctoral programs in Counselor Education and were successful in accrediting the new Psy.D. program in School Psychology. This complements the other accredited programs in teacher education and school administration and signifies that programs are of
the highest quality and adhere to the national standards associated with the profession.

The school’s faculty have received numerous grants, both internal and external, as well as numerous awards. Some notable highlights include grants received by: Dr. Melissa Boston from the Spencer Foundation to support a research conference where scholars will collaborate to identify and design measures for investigating practices that appear to support equity and access to high quality mathematics instruction; Dr. Gibbs Kanyongo from ASSET, Inc. to improve educational practice in our schools; and Dr. Temple Lovelace to empower our youth and ignite educational and community reform. Some notable awards received by the faculty include: the Inaugural Jean Baker Mid-Career Service Award, Division of School Psychology in the American Psychological Association, received by Dr. Tammy Hughes; and the 2015 Michael Parker Award for Contributions to Adult Literacy Research, received by Dr. Xia Chao for her work advancing theory and practice with ESL adult learning communities.

Students have been awarded for their work. Dr. Natalie Toomey, a graduate of the doctoral program in Instructional Technology, was awarded Duquesne University’s 2016 Distinguished Dissertation Award Social Sciences for her dissertation entitled *Online Multimedia Learning: Predicting Learner Media Selections in the Visual and Verbal Domains.*

The staff in the Office of Student and Academic Services has been just as busy as the faculty. This past year a lot of energy was put into building relationships with the alumni and maintaining relationships with current students. Panels continue to be hosted in which alumni come to talk with current students about life after graduation. These panels were attended by approximately 250 students. Recent alumni continued to be paired with sophomore students to help current students better understand how to get the most out of their college experience and become more marketable. This program served 100 current students, each of which was paired up with their own alumni member.

To better serve current students, sessions are offered on interviewing, resume writing, certification, and other pertinent information to help them throughout their time at Duquesne.

**Sophomore students from the School of Education prepare activities for hosting Child Grief Awareness Day, in collaboration with Highmark Caring Place, on our campus.**

**SOE Class of 2016 graduate Julianne Delay who obtained her B.S. in Middle Level (Grades 4 – 8) Education.**