
Ursinus College

*Report of the Dean on Faculty and
Student Professional Achievement
2016-2017*

Table of Contents

| | |
|--|----|
| Message from the Dean..... | 3 |
| The Professional Achievement of Faculty | 10 |
| Summaries of Departmental Achievement and Activity..... | 10 |
| The William Wilson Baden Faculty Lecture Series..... | 15 |
| Pre-Tenure Leaves..... | 16 |
| Sabbatical Leaves | 17 |
| The Professional Achievement of Students..... | 18 |
| Student-Faculty Publication | 18 |
| Student Conference Presentations | 22 |
| Departmental Honors | 29 |
| Student External Grants, Fellowships, Scholarships, and Distinctions | 32 |
| Notable Post-baccalaureate Plans..... | 33 |
| Examples of Acceptances to Graduate and Professional Schools | 35 |

Message from the Dean

Dear Ursinus colleagues and friends,

As you all know, I am still new to the campus, having arrived just a few months ago. As I gain understanding of the College, I have repeatedly been embraced by the support and kindness of colleagues, students, and alumni in all corners of the college. In a similar vein, I am grateful for the patient indulgence the community has shown me in allowing me to delay this report enough that I could contribute something of substance. In that time, I have also begun the process of telling my colleagues at other institutions of the great work being done at Ursinus, and they too have been impressed with the level of dedication and creativity that the faculty has brought to its work.

Awards and promotions give tangible evidence to our commitment to excellence in teaching, scholarship, and commitment to the Ursinus mission. This year, Scott Deacle (Business and Economics), Jennifer Fleeger (Media and Communication Studies), and Brent Mattingly (Psychology) were awarded tenure and promoted to Associate Professor; Rebecca Lyczak (Biology) was promoted to Professor. At Commencement, three faculty members were recognized for their exceptional achievement: Meredith Goldsmith (English) received the Laughlin Award for outstanding scholarly work, Del Engstrom (Health and Exercise Physiology) received the Laughlin Award for outstanding teaching, and Lisa Grossbauer (Mathematics and Computer Science) received the H. Lloyd Jones, Jr. Award for excellence in mentoring and advising. We all congratulate these individuals, and I recognize that their exceptional work grows out of a dedication that typifies the work of the Ursinus faculty.

We celebrated the retirement of three faculty members. Those include: Patricia Schroeder, Ph.D., Professor of English (34 years), Hugh Roberts Clark, Ph.D., Professor of History & East Asian Studies (35 years), and Douglas Nagy, Ph.D., Associate Professor of Physics and Astronomy (38 years).

As a campus community we also suffered the loss of one of our long-serving faculty members, Reverend Charles William Rice, Assistant Visiting Professor of Philosophy and Religion and Chaplain of the College. Together, we celebrated his achievements and career here at Ursinus in April. The campus continues to sorely feel his absence. I know that we will look for ways to not only memorialize his contributions, but to also rededicate ourselves to the kind of support and empowerment he offered to so many of our community: students, faculty, and staff alike.

The Office of Academic Affairs has seen quite a transformation in the last academic year. We said farewell to Interim Dean April Edwards, and wished her well in her new position as Vice President for Academic Affairs at Elmhurst College in Illinois, a position she assumed on June 1 of 2017. One month later, Associate Dean Rebecca Kohn was similarly lured away from Ursinus by the opportunity to become the Dean of Arts and Sciences at Arcadia University; at least we kept Becky as a neighbor!

The 2016-2017 academic year provided us the opportunity to continue many existing projects and initiatives, while allowing us to focus on new ones as well. While there is limited space and time, and I know I will only begin to scratch the surface, let me summarize a few of the accomplishments for this year.

The new core curriculum continues to advance, although the faculty, under that advice of the Core Revision Implementation and Assessment Subcommittee, postponed the start date of the new core to the fall of 2018, to allow for more careful design of the structure of the requirements, especially the core focus concentrations and the core capstone. The delay

actually will allow better synchronization with a three-year \$500,000 grant from the Mellon Foundation that will assist with the development and implementation of the new core.

Our re-accreditation self-study process is moving steadily forward. During 2016-17, faculty and staff from the self-study steering committee attended an intensive institute sponsored by the Middle States Commission on Higher Education, our regional accrediting agency. In the spring, membership of the working groups was finalized, the official Self-Study Design was submitted to Middle States, and the college hosted a successful visit from our Middle States staff liaison. With the stamp of approval on the college's Self-Study Design, the working groups will begin their work in earnest early in the fall term.

With leadership from President Blomberg and the support of the Board of Trustees, Ursinus adopted a new strategic plan under the banner of Ursinus 150. This plan centers on advancing seven strategic objectives.

1. *Strengthen our program in liberal education, cultivating the habit of lifelong learning.*
2. *Promote a vibrant and inviting campus environment.*
3. *Intensify our commitment to diversity and inclusion.*
4. *Champion risk taking.*
5. *Celebrate Ursinus: past, present, and future.*
6. *Invest in the people of the college as our most important asset.*
7. *Ensure long-term financial sustainability.*

Rather than being exhaustively prescriptive, this plan will allow for nimble flexibility and allow us an evaluative lens to consider new opportunities to advance our mission.

The new Philadelphia Experience program, or "PhillyX" for short, allowed Ursinus students to study, work, and live in Philadelphia. A total of 35 students, in majors ranging from Art History to Psychology to Applied Economics, spent a full semester in University City, working in internships at the Philadelphia Museum of Art, Video City Productions, and other sites. Several faculty members generously offered to teach courses in Philadelphia, taking advantage of the cultural and intellectual resources there. Alums and the CPD helped students find internships. Honoring the tradition of communal liberal arts education, the students took a "Philly 101" course together that featured readings, discussion, and museum and sports events trips.

The Melrose Center for Global Civic Engagement, which was established in July 2016 and named in honor of the late U.S. Ambassador Joseph H. Melrose Jr. '66, completed its first year. The center seeks to continue Ambassador Melrose's dedication to combining academic study with professional networking and hands-on experiences with volunteer organizations, government agencies and international institutions as well as study abroad. In the fall, the Melrose Center hosted its inaugural conference, "Building Peace in Post-Conflict Societies: Looking Back in Order to Look Forward," featuring a panel of government officials, scholars and policy advocates. Panelists included Mrs. Maria Brewer, Deputy Director at the U.S. Department of State, Bureau of Human Resources and Deputy Chief of Mission of the U.S. Embassy in Abuja, Nigeria (2013-2016); Mr. Edward Kawa, Counsellor, Embassy of Sierra Leone in Washington DC; Mr. Sasha Lezhnev, Senior Policy Analyst at the Enough Project to End Genocide & Crimes Against Humanity; and Dr. Chris Mahony, Visiting Research Fellow, Georgetown University Law Center, and consultant to International Criminal Court, Sierra Leone Truth and Reconciliation Commission. Students had an opportunity to talk with each of the panelists about careers in the U.S. Foreign Service, Peace Corps, international law and NGO work. The award-winning documentary Sierra Leone: Journey from War to Peace was screened after the panel, followed by a discussion with the film maker, Terry Leary, who also spoke with students about her experiences as a former Peace Corps Volunteer in Sierra Leone and country

director for the International Rescue Committee in Pakistan, the International Action Against Hunger in Somalia and International Medical Committee in Afghanistan.

In April, the first Melrose Fellows were selected: Shelby Carmichael, Katie Gereda, Meg Koeller, Kaitlyn Lawrence, Reed Meakim, Charlotte Rohrer, Greg Stryker, Rose Tailassane, Chelsey Thomas and Susie Zelaya Rivera (Class of 2019) and Garrett Bullock, Jake Detweiler, Athena Gainey, Sophia King, Jordan Orange, Wilbert Pichardo, Min Son and Gabe Tenaglia (Class of 2020). The fellows will take courses emphasizing social and global issues, expand opportunities to enhance global awareness and connections with community-based organizations, and travel abroad to engage in service-learning initiatives.

The Melrose Center also co-sponsored a number of speakers during the year, including David Makovsky, Ziegler distinguished fellow and director of the Washington Institute for Near East Policy Project on the Middle East Peace Process, Nany Zepeda, representative of DESGUA, an organization working with Guatemalan immigrants in both the United States and Guatemala, John Wall, professor of religion and ethics at Rutgers University Camden and expert on children's rights, and a special multimedia presentation by James Nachtwey, the award-winning photojournalist known for documenting wars, conflicts, and critical social issues. The Melrose Center also hosted information sessions on the Peace Corps and the college's new Peace Corps Prep Certificate program in the fall and spring.

This past year, the Ursinus Center for Advocacy, Responsibility and Engagement (UCARE) worked to promote a campus culture of service and social advocacy. Through more than 30 non-profit community partnerships, students engaged in weekly volunteer service with soup kitchens, after-school programs, a hospice, and more. UCARE also sponsored campus-wide events on topics relating to social justice, such as an Immigration Panel, which featured the stories of Ursinus students, faculty and staff who have personal experiences with immigration. Further, the Bonner Leader Program continued to highlight its commitment to international perspective as part of its mission to educate student leaders engaged in sustained community service initiatives. Bonner Leaders are required to complete ten hours of community service each week (amounting to 300 hours of service per academic year). In March, the first-year Bonner Leaders, Bonner Interns and advisers Christian Rice and Katie Turek went on the 8th annual spring break service trip to Beeston Spring, Jamaica, where they assisted with community projects, building two homes, painting two churches and a home, and revitalizing a community center. For the second year in a row, the Bonner Leaders participated in Ricochet. Their performance highlighted the social stigma of religious headwear such as the hijab through an interactive "try on a hijab" event. In April, 14 new Bonner Leaders were selected: Emily Harris, Hannah Merges, Chase Opperman, Badia Weeks, Nathaniel Dorfman, Athena Gainey, Jamir Mallory, Noel Campbell, Marcus Mattis, Jordan Orange, Wilbert Pichardo, Emily Shiplett, Jasmine Soriano, and Cody Yhap.

Also in April, 22 Ursinus students traveled to New York City with faculty advisor Johannes Karreth for the National Model United Nations conference. In their role as Norwegian diplomats, the Ursinus delegation negotiated solutions to real-world issues such as international security, global trade and finance, sustainable use of natural resources, global health, human rights and women in science. They were briefed on Norway's humanitarian and human rights policies by Counsellor Martin Torbergsen at the Norwegian Mission to the United Nations and met with Ursinus alumna Carolyn Smith Strainic (Class of '11), Advisor, U.S. Department of State, who works at the U.S. Permanent Mission to the United Nations.

The Parlee Center for Science and the Common Good (the CSCG), completed its fifth year with the support of a grant for undergraduate education from the Howard Hughes Medical Institute. The CSCG speaker series included lectures by Said A. Ibrahim, MD, MPH, Giang T. Nguyen, MD, MPH, and Nicole Vaughn, PhD (members of the Panel on Inequalities in Health Care, Sept.

12, 2016), Heather H. Howard, JD (Director, NJ State Health Reform Assistance Network, Sept. 27), Monica Vela, MD (Univ. Chicago, Teaching on Health Disparities, Nov. 3), Rebekah Martin (Civil Engineering at Virginia Tech., on lead in the water of Flint, MI, Feb. 1, 2017), Aasim Padela, MD (Univ. Chicago, Islamic Bioethics, Feb. 28), and Rocco Casagrande, PhD (Managing Director of Gryphon Scientific, on biosecurity, Apr. 18). Fourteen new student Fellows of the CSCG were inducted: Emily Bender ('20), Kailyn Cohen ('20), Caela Flake ('20), Kennedy Houck ('19), Linda McIntyre ('20), Madison Moses ('20), Haley O'Malley ('20), Jake O'Neill ('20), Lily McQueen ('19), Min Son ('20), Jessica Saunders ('19), Paige Springmann ('20), James Vandegriff ('20), and Rick Wike ('20). Eight students from underrepresented backgrounds participated in the CSCG FUTURE summer research program, partnering with an upperclass student and a faculty mentor to conduct original research for four weeks. In addition to conducting research in biology, biochemistry and molecular biology, chemistry, and physics, the four incoming freshman and four rising sophomore students toured research facilities at GlaxoSmithKline in Collegeville, PA, completed a 1-credit course on Science and Society, and presented their research results in a final symposium on the last day of the program.

During the 2016-2017 academic year, the Library and IT organization (LIT) worked with the academic community to plan for changes required to adjust our digital campus environment for the first major step in phasing out the Ursinus Laptop Initiative; the initiative still leaves Ursinus laptops in the hands of sophomores, juniors and seniors who received one on upon matriculation, but they will no longer be issued to arriving first year students. This change is significant for the college, as many of the assumptions about how technology is configured across campus were based on that long-standing program (initiated in 2001). Changes are most notable on the first floor of Myrin Library with the installation of 15 new computers in an open access lab setting, but also in the creation of our "digital computer lab", the broadening of our software licenses to allow college applications to be installed on the students' private computers, the addition of wireless collaboration systems in several classrooms, changes to the information/documentation on the LIT website to guide students to necessary resources, and the reconfiguration of our IT support services to assist users who "bring their own devices".

We also worked with faculty governance to evolve our long-standing Committee on Technology and Computing into the new Library and IT Committee that will help guide and advise our merged organization on issues of both Library and IT services and resources. This academic year also saw significant growth in our support of Digital Humanities courses (including Bears Make History) and the addition of software and support for the broad campus use of "geographic information software" ArcGIS. The Library has been significantly involved in several digitization projects for Ursinus materials into the Ursinus Digital Commons and in providing materials for the emerging plans for the Ursinus 150 celebration. Finally, the Library staff are participating in a "Cooperative Project for At-Risk Student Success in Smaller Colleges" funded by an Institute of Museum and Library Services Grant with Goucher College, Washington College, and Washington & Jefferson College; this effort will help inform future changes to our efforts to promote information literacy skills within our students.

The Teaching & Learning Institute (TLI) moved to a co-Director model this academic year after careful consideration of how to ensure its long-term sustainability. Professor Susanna Throop continued as the Faculty co-Director through the Fall Semester, after which she went on sabbatical and Professor Akshaye Dhawan took over for the Spring. Diane Skorina from LIT was appointed as co-Director to provide administrative continuity between Faculty transitions, and to help make the workload more manageable. This proved especially useful when Professor Dhawan decided to take a year-long leave from the College beginning in May. Professor Abigail Kluchin was appointed as Interim Co-Director beginning on August 1, 2017. Through all of the transitions, the TLI maintained a strong Student Consultant Program, hosted workshops by author James Lang and a panel discussion by Ursinus Faculty members on Assessment, coordinated learning circles, started a new program for Ursinus Faculty-led pedagogy workshops, received a Reacting to the Past Endeavour Challenge Grant for a team of

Faculty to attend a conference, gave out hundreds of dollars in Faculty grants for pedagogical innovation, participated in planning a PCLA Opportunity Grant funded series of workshops on Pedagogical Partnerships with Bryn Mawr and Lafayette Colleges, and promoted the PCLA's Arthur Vining Davis grant opportunity such that several Ursinus teams were awarded them, garnering a total of \$60,000. These AVD grants support teaching and learning innovations and facilitate partnerships between Ursinus faculty and colleagues at Juniata, Washington and Jefferson, Muhlenberg, Gettysburg and Bryn Mawr over the next academic year. Projects underway include the following: a conference on digital learning and the launching of digital fellows program; mapping students' feelings of belonging on campus; a cross-campus analysis of the effectiveness of group work; and enriching the student consultant program coordinated by the Teaching and Learning Institute.

The CIE program, in conjunction with the Center for Writing and Speaking, launched its first annual CIE Essay Contest. Of the thirty-three entries, which included much excellent and thought-provoking work, a committee of four faculty members and nine Writing Fellows chose the following winners: Garrett Bullock (1st place), Annika Phillips (2nd place), James (Trey) Harkness (3rd place), and Madison Moses (honorable mention). The winners read their essays at CoSA.

The Center for Writing and Speaking continues to provide programming to fulfill its mission of supporting students and faculty in all their writing and speaking endeavors and encouraging campus-wide awareness of best practices in written and spoken communication. Writing Fellows held over 1,600 consultative appointments with students from across the curriculum, including 718 made through our online appointment scheduler and approximately 900 through course-embedded partnerships. Fifteen students were selected as new Writing Fellows and completed the 4-credit course Writing, Pedagogy, and Society: Alexa Beacham ('19), Corinne Cichowicz ('19), Chiara DeMelfi ('19), Courtney DuChene ('19), Malik Geraci ('19), Sophie Gioffre ('19), Kyla Jermin ('19), Bryanna Jones ('19), Katelyn King ('18), Benjamin Klybor ('19), Alana Mason ('19), Audrey Pitcher ('19), Faraha Rathod ('19), John Solomon ('19), and William Wells ('19). The Center produced a series of workshop materials for faculty to incorporate into their courses as needed, including a YouTube channel with videos about writing topics that students can watch in class or at home.

The U-Imagine Center for Integrative and Entrepreneurial Studies enters its fifth year of operation with co-directors Dr. Cirka and Dr. Jaroff and Entrepreneur-in-Residence Maureen Cumpstone. The Center was founded in 2013 to develop a sustainable campus-wide entrepreneurial spirit and is guided by its mission to "challenge students to identify opportunities and take action using ethical, entrepreneurial thinking". To this end, the U-Imagine Center has continued its highly impactful programs and expanded its offerings. IMPACT, the center's curricular component for developing entrepreneurial mindset skills began in Spring 2016. IDS 050 Topics in Entrepreneurship enrolled 37 students across two semesters. The Faculty Innovators program launched as a "grass roots" strategy to engage faculty across the disciplines in the development of curriculum that encompasses a broad definition of entrepreneurship. Four courses across science, humanities and social science were offered during in 2016-17, with two courses in the humanities slated for Spring 2018. IDS 110 Marketing in a Digital World was developed with support from the Athena Institute and enrolled 15 students in the Spring 2017 pilot. The BEAR Competition Series provides students with opportunities to develop entrepreneurial thought and action skills. The #talkupthebears Social Media competition was led by 4 students and attracted 76 students from 21 different majors and all four class years in Fall 2016. Seven teams comprised of 13 students progressed to the finals. Spring 2017 saw the launch of the first one-day intensive "Passion to Purpose" boot camp designed to spur student entrepreneurial interest. This intensive workshop provided a "hack-a-thon type environment for 11 students, three of whom ultimately won prizes in the BEAR Innovation competition. The BEAR Innovation competition attracted 27 teams from 19

majors and all 4 classes in the spring 2017. Twelve teams comprised of 18 students competed in the finals. The Schellhause Ethics essay attracted 29 student submissions. The INSPIRE series connects students on and off campus with entrepreneurial thinkers and doers demonstrating paths to opportunities. The Fall 2016 Women's Symposium highlighted accomplished women and entrepreneurship during a two-day INSPIRE event that featured a financial planning workshop, an author and entrepreneur as the keynote speaker and a panel of 8 entrepreneurial women that attracted over 150 students and 60 Faculty and Staff. The Spring 2017 INSPIRE event took 10 students to NYC to meet with three alumni working in digital marketing and finance. Summer 2017 saw the second year of the Business Assist program that paired 14 students with eight local businesses for an 8-week summer immersion experience. Avenue V a seed-funding program for students, graduated seniors, Faculty and Staff that provides financial support for entrepreneurial action was also launched in Summer 2017. Fifteen teams pitched to five alumni "investors" and received up to \$1,000 to support their project development. The U-Imagine Center continues to develop programs that "find the ember and light the spark" across campus.

The accomplishments described above must be set against the backdrop of a routine set of activities that seem to this newcomer's eye to be far from routine, as described by these numbers:

- The April 2017 CoSA (Celebration of Student Achievement) was the largest CoSA event ever, with a record number of 410 student participants. New this year were CoSA-even theater and dance performance and the screening of a student-produced film.
- Eighty-one students participated in the 2017 Summer Fellows program, including the highest percentage of underrepresented students in at least the last five years
- Two students (Gabiella Altmire and Alexandra Bailey) spent the summer in Sweden, doing research on predatory insect species.
- Individual faculty members seeking funding for their research projects submitted 20 proposals during 2017. Eight proposals previously submitted were funded in the same period. These grants finance a variety of projects from equipment acquisition to basic research for a total of \$615,000 in support for faculty research, pedagogy, and participation in outside academic communities.
- Human subjects research is of growing importance to our faculty and students. The Institutional Review Board reviewed and approved 48 new protocols and 17 continuing protocols, which is consistent with research done in the previous academic year.
- We celebrated faculty members who produced 52 publications, all of which were placed on display at our annual Celebration of Faculty and Student Scholarship, Creativity, and Achievement.

This extensive set of accomplishments sets the stage for another busy year, which at this point is already well launched. The IDC construction is moving ahead on time and within budget, with plans placing it in operation in the fall of 2018. Our enthusiasm was marred by a serious construction injury that befell one of the workers; the college continues to wish him a speedy and generous recovery. At the same time, a renovation project in Wismer will provide a new home for the Institute for Inclusion and Equity. Not far behind the IDC and IIE projects is the planning for a new student commons that will be built as a renovation and expansion of Keigwin Hall, a facility that will serve as a welcome center for campus visitors as well a second major social center for the campus.

Within the Dean's Office, we will be developing initiatives to support the strategic plan. In addition to supporting the implementation of the new core, we are actively finding ways to use the four questions of the core (What should matter to me? How should we live together? How can we understand the world? What will I do?) more broadly as a tool to characterize and

energize our mission. We will continue to advance diversity and inclusion efforts in multiple ways. We have established a program we are calling Cultivating Resilience: Conversations about and across Difference in partnership with the Institute for Inclusion and Equity and the President's Office. But we also are initiating other programs (such as a first-year mentoring program for new tenure-track faculty) and processes (such as reforms for faculty searches) that are designed to enhance recruitment and retention of all faculty, especially those from underrepresented groups.

I feel very fortunate to have landed at Ursinus. I am impressed, at times astonished, at the accomplishments of Ursinus faculty, students, and staff. I am committed to doing my part to create an improved work environment so that everyone is able to feel pride in our institution, supported as creative and productive professionals, and respected for the work they do.

Mark Schneider
Vice President for Academic Affairs
Dean of the College

The Professional Achievement of Faculty

Summaries of Departmental Achievement and Activity

Anthropology and Sociology

The Anthropology and Sociology faculty had some notable achievements this year. Dr. Jasmine Harris published a chapter in an edited volume and was a co-recipient of an Arthur Vining Davis Teaching & Learning Award. Dr. Lauren Wynne published a book review and completed a draft of her own book, *Predictable Pleasures*, which is under contract with University of Nebraska Press. Dr. Jonathan L. Clark presented two papers at academic conferences, and one of his previously published articles was reprinted in an edited volume.

Art and Art History

The past year was especially productive for faculty in the Department of Art and Art History. David Aipperspach's work was featured in a solo exhibition at Day Space Gallery and in the group exhibition Try to Understand at Brooke Lanier Fine Art. He was selected to join the juried artist registry program at the historic White Columns Gallery in New York. He curated the exhibition Jump Cut at Fjord Gallery, which included the work of Sarah Kaufman, and presented an artist talk to West Chester University students in his Fishtown studio. Deborah Barkun presented the lecture "The Venice Biennale in History and Context" to Robert Morris University students in Venice. She completed "Whereabouts Uncertain: Reading Subversion in half/angel's The Knitting Map in Cork, Ireland and Lancaster County, Pennsylvania" for a volume on the Irish art and performance collective half/angel. Cari Freno's work was featured in a solo exhibition, entitled Sum Certain, at the Allen's Lane Art Center and her serial works A Dubious Procedure 1 and 2 were the subject of solo exhibitions at Hide Tide Gallery and at Bowdoin College. The Ice Box Gallery included her video work the 20/92 Video Screening. Sarah Kaufman presented work in A Body Has No Center, a group exhibition, at Tiger Strikes Asteroid.

Biology

The Biology Department is pleased to report a brief summary of achievements during the 2016-2017 academic year. Several faculty published manuscripts including Dr. Rebecca Lyczak who published in *Developmental Biology*, Dr. Rebecca Roberts in *Mediators of Inflammation* and Dr. Denise Finney who co-authored 4 published manuscripts! We congratulate grant awardees Dr. Denise Finney for her LI-COR Environmental Education Fund Grant, Dr. Rebecca Roberts for her National Science Foundation (NSF) IUSE-Engaged Student Learning Award as well as a Supplemental Award from the NSF, and Dr. Jennifer King for her Proctor & Gamble Fund's Higher Education Grant. Drs. Jennifer Round and Carlita Favero continue their work as co-PI's on the NSF-STEM award while Dr. Kathryn Goddard serves as the co-PI of an NSF grant promoting inclusive excellence in STEM education. Finally, we wished Dr. Rebecca Kohn well as she left the College to become Dean of the College of Arts and Science at Arcadia University.

Business and Economics

Several faculty in the Department of Business and Economics were actively engaged in their profession. Scott Deacle had three articles accepted for publication. Two of the articles examined the decline of the U.S. Thrift industry, while the third article was co-authored with Andy Economopoulos, and former student Scott Clayman. The Deacle, Economopoulos, and

Clayman article received the James Soltow prize for the best article in Essays of Economic and Business History, published by The Economic and Business History Society. Andy Economopoulos presented two papers examining the reasons for the dearth of state sanctioned banking in antebellum Chicago. Carol Cirka, co-Director of the U-Imagine Center, partnered with Olga Nicoara to present two papers on entrepreneurship. Their focus was examining how entrepreneurship can be integrated in the liberal arts curriculum. Olga Nicoara was invited to present her research on the collapse of communism at the Institute of Strategic Studies in Niteroi, Brazil. Jennifer Van Gilder co-author two articles and a presentation. Her research is on student satisfaction with their jobs and majors, and faculty assessment of student performance. Rudy Henkel presented a paper on Risk preferences at the Southern Economic Association meeting. Heather O'Neill received several certificates in different areas of data analytics.

Chemistry

This year was a busy and productive year for the chemistry department. Chris Dieni published three articles from his research in Canada. Mark Ellison published a paper based on previous Summer Fellows research. Brian Pfennig taught a graduate course in Inorganic Chemistry at Princeton University. Amanda Reig received the Award for Excellence in First-Year Advising and gave several invited talks at conferences and universities. Victor Tortorelli as director of Science in Motion. Ryan Walvoord received a prestigious Major Research Instrumentation grant from the National Science Foundation for acquisition of a 300MHz NMR spectrometer, meaning state-of-the-art equipment will be available for research and teaching.

Education

Stephanie Mackler published an article in the edited volume *Reconceptualizing Study in Educational Discourse and Practice*, as well as another article in *Philosophy of Education 2016*. She also gave a presentation at the annual Philosophy of Education Society Conference in Seattle, Washington. John Spencer gave an invited presentation at the Fall Forum of the Coalition of Essential Schools in Providence, Rhode Island, on the legacy of that organization's founder, school reformer Theodore Sizer. He continued research on a project about Sizer, using the Brown University Archives, during a leave in the spring semester. He also reviewed manuscripts for the History of Education Society and the University of Pennsylvania Press. Seamus Mulryan published a book review in *Educational Theory* and served as a manuscript reviewer for that journal. He also served as a panelist for an Ursinus Teaching and Learning Institute session on assessment.

English

The English Department faculty all participate in scholarly activities at a variety of levels, and much of that work has been recognized and supported through several prestigious awards in 2016/17: Professor Meredith Goldsmith was awarded the Laughlin Award for Professional Achievement; Professor Nzadi Keita is the recipient of a Fellowship in the Arts from the Pew Center for Arts and Heritage; Creative Writer-in-Residence Anna Maria Hong won Cleveland State University Poetry Center's 2017 First Book Poetry Competition for her poetry collection *The Glass Age*. Professors Goldsmith and Kara McShane received a PCLA Arthur Vining Davis Foundation grant to support a digital learning conference with Muhlenberg & Gettysburg Colleges. This grant will also support a pilot group of four Digital Liberal Arts Fellows here at Ursinus during the 2017-2018 year supervised by Dr. McShane. About \$11,000 of that grant supports initiatives held here at Ursinus. Professor Jon Volkmer, Director of Creative Writing, received a Faculty Innovators Award from the U-Imagine Center to develop a new course in digital and DIY publishing.

Environmental Studies

All three ENV faculty remained actively engaged in either professional development and/or College service activities in 2016-2017. Prof. Hurley returned from a sabbatical during which he brought to completion several projects, which resulted in publications at various stages, and maintained his scholarly activities while reengaging with critical curricular and service efforts. His recent publications, research, and presentations include topics on exurban landscape change, examination of foraging along the urban-rural gradient, and urban socio-ecological systems. He also initiated two new student co-curricular activities with ENV students this year. Through her capstone offering this fall, Prof. Joseph worked with ENV majors to address issues with plastic contamination in the Upper Wismer waste stream as part of efforts to ensure this material is composted. She was also invited to give formal community-oriented talks about art, geology, and environmental studies. Prof. Wallace spent the 2016-2017 year on a research sabbatical, continuing three separate endeavors: an appraisal of the history of and prospects for interdisciplinarity in the field of environmental studies, an assessment of the role of education in supporting conservation in the Greater Yellowstone Ecosystem (GYE) of Montana, Wyoming, and Idaho, and a review of the findings of research conducted in the Gulf of Mexico following the 2010 Deepwater Horizon oil spill, to create recommendations for informing future regulatory approaches to offshore oil and gas exploration. From his endeavors, he has presented his research through numerous manuscripts and directed discussions.

Health and Exercise Physiology

Dr. van de Ruit joined the department in the fall of 2016 and initiated the Patient Safety in Medicine Work-Group. She presented at the annual SSSP Conference in Seattle on her AIDS Community Care-work in South Africa. Dr. Carpenter completed year two of the Skeletal Muscle Lab involving student researchers in preparation for the Experimental Biology Conference in Chicago. She attended the World Hellenic Biomedical Association in Greece. Pam Chlad continued her service as Director in the Sports Medicine Clinic and furthered her work in heat acclimatization studies. Dr. Engstrom completed his 14th year as department chair and mentored four independent research projects and 16 student internships. Dr. Fearheller continued her excellent work in the HEART Lab involving 15-20 students investigating cardiovascular health issues for the college community as well as volunteer firefighters in the area. She attended the Mid-Atlantic Region ACSM Conference and the National ACSM Conference in Boston. She secured the P&G Higher Education Equipment Supply Grant for \$10,000 and presented or published several items in conjunction with her students.

History

Members of the History Department were particularly active in 2016-2017, with respect to both research and publication and curriculum development and also activity in the broader historical profession. Professor Throop was especially active while on her spring semester sabbatical leave. Professor High Clark retired this spring, but has assured his colleagues that he plans to continue his scholarly pursuits in retirement, and we can look forward to further achievements from him.

Mathematics and Computer Science

The mathematics and computer science faculty experienced a kind of “transition to long term” year with 2 new tenure track positions along with a visiting CS position. While several new papers and projects are in the works, the department only had a total of 3 papers published. Presentations, however, were numerous, as the faculty delivered lectures in Dublin, Atlanta, Connecticut, Indiana, Denver, and Montpellier, as well as several other venues. For individual

accomplishments, Professor Grossbauer was awarded the H. Lloyd Jones Jr. Award for distinguished advising and mentoring.

Media and Communication Studies

The MCS faculty have had a productive year of teaching, research, and service to the college and communication field. Dr. Nadler's book, *Making the News Popular: Mobilizing U.S. News Audiences*, met with critical acclaim and was a finalist for the Frank Luther Mott - Kappa Tau Alpha Journalism & Mass Communication Research Award. Collectively, we published six well placed articles and delivered nine conference presentations. We continue to enjoy a collaborative and supportive scholarly culture.

Modern Languages

In 2016-2017, professional activities in the Department of Modern Languages included the following: Teresa Ko published an article and gave a presentation; Óscar Useche published an article; Julin Everett gave a presentation; Jose Eduardo Cornelio published an article, a book review, and gave 5 presentations; and Céline Brossillon published two articles, gave two presentations, and received a book contract. These and other faculty also submitted work for review and continued book and article projects. Faculty, including Ko, Useche, Cornelio, Qian Sun and Matthew Mizenko were active in planning lectures and events. Members of the department, including Ko, Yukino Tanaka Goda and Mizenko, made contributions to regional and national academic organizations. Giovanna Steyaert is to be singled out for her efforts coordinating community volunteer activities performed by 64 students. Among others, Everett and Brossillon continued innovative work in their courses, and many faculty members supervised student research, publications, and internships.

Music

Music Department faculty continued to engage in professional endeavors during the 2016-2017 academic year. Dr. Hubbs, currently in her second year as Department Chair, performed at the International Saxophone Symposium (George Mason University) in January. She and Dr. Kristofer Sanchack presented a duo recital in Philadelphia in May 2017. Dr. Hubbs also participated in a Leadership in Higher Education workshop in Atlanta in October 2016. Dr. French continued with his board memberships with both the Sacred Women's Music Project and the Musical Fund Society, as well as serving as the Organist/Choirmaster for the Church of the Holy Trinity on Rittenhouse Square in Philadelphia. Visiting Assistant Professor Bratt presented Music Theory topics at two national conferences, the College Music Society, and the Society for Electronic Music.

Neuroscience

During the 2016-2017 academic year, one faculty member, with students, attended and presented at national meetings of scholarly organizations (Jennifer Round: Annual meeting of the Society for Neuroscience) and one faculty member was an invited presenter at college/university or consortia (Carlita Favero: College of William and Mary, St Joseph's University, SUNY Buffalo); eight publications are now in press or published, most with student co-authors (Joel Bish:2, Ellen Dawley:1, Carlita Favero: 2, Jennifer Stevenson: 3). The Neuroscience Group received funds and equipment from Winnifred Cutler and Will Abele.

Philosophy and Religious Studies

The members of the department have at least four books, published or about to be published, which testifies to the department's continuing devotion to research and scholarship—all the while offering innovative, challenging and popular courses.

Physics

We were delighted to welcome our new faculty member Dr. Casey Schwarz, who in her first year with us set up her lab, supervised three student researchers, co-authored a paper, and gave a talk at an American Chemical Society Meeting. Physics Faculty members co-authored a total of 3 papers and contributed to or gave 5 conference presentations with 9 student co-authors. Drs. Carroll and Riley were both awarded renewals of their grant funding by the National Science Foundation. Dr. Carroll has continued in his role as lead CIE coordinator.

Politics and International Relations

Rebecca Evans published “Men are from Mars, Women are from Venus, and Zombies are from ...Feminist Theories of International Politics and Zombies” in *PS: Political Science and Politics*. Gerard Fitzpatrick, elbowing aside many competitors, was selected to participate in the seminar on *The 20th Century Presidency* that will be led by Robert Dallek, professor of history emeritus, University of California, Los Angeles. Ann Karreth's paper, “Schools of Democracy: How Trade Union Membership Impacts Political Participation in Africa's Emerging Democracies,” will be published in *Democratization*. Johannes Karreth co-authored *Incentivizing Peace*, under contract with Oxford University Press. Paul Stern's book, *Dante's Philosophical Life*, will be published by Penn Press. Jonathan Marks reviewed seven books in 2015-16 for the *Weekly Standard*, the *Wall St. Journal*, *Society*, and other outlets.

Psychology

2016-2017 brought new developments to the program, most notably a new faculty member and concomitant addition to the curriculum. Our new faculty member, Dr. Vanessa Volpe, managed to mentor student research and presentations during her first year, as well as secure a Project Pericles Grant. Dr. Chambliss continued to add to her list of publications and attended the National Council for Behavioral Health Providers meeting, where she was able to discuss research on depression and empathy, which yielded the 2017 publication of *Empathy Rules*. Jennifer Stevenson significantly added to her list of publications, including one in a top autism research journal. Dr Mattingly was invited to be part of a symposium at the 2017 International Association for Relationship Research (IARR) Mini-Conference to be held in Syracuse, NY. This spring, Drs. Bish and Makuch continued to supervise student research which resulted in conference presentations.

Theater and Dance

Faculty members in the Theater and Dance Department continue to conduct research and present their scholarly creative work in professional venues throughout the U.S. Faculty regularly contribute to professional scholarship conferences and peer-reviewed publications in local, regional and national venues.

The William Wilson Baden Faculty Lecture Series

This series is supported by the income from a fund established in 1987 by W. Wilson Baden ('19) to honor his father William Wilson Baden, who was Professor of Modern Languages at Ursinus from 1914 to 1924.

Scott Deacle, Business & Economics

“Buildings and Loans, Bailouts, and Beyond: The Past, Present, and Future of U.S. Thrifts”
Thursday, September 22, 2016

Jennifer Fleeger, Media and Communication Studies

“When Robots Speak on Screen: Constructing the Cinematic Voice”
Thursday, October 6, 2016

Brent Mattingly, Psychology

“How “We” Changes “Me”: Relationship-Induced Self-Concept Change, Relationship Functioning, and Personal Well-Being”
Thursday, October 13, 2016

Rebecca Jaroff, English

““A Woman’s Foot has Touched its Height”: Elizabeth Oakes Smith’s Race to the Summit”
Thursday, October 27, 2016

Meredith Goldsmith, English

“Data, Text, and Maps: A Year in the Life of a Novice Digital Humanist”
Thursday, November 10, 2016

Domenick Scudera, Theater & Dance

“Break a Leg: Writing on the Life of a theater Artist”
Thursday, December 1, 2016

Stephanie Mackler, Education

“The Uselessness of Liberal Education”
Thursday, February 9, 2017

Rebecca Lyczak, Biology

“Where? When? How?: Uncovering the role of the centrosome in polarizing the *C. elegans* embryo”
Thursday, February 23, 2017

Cory Straub, Biology

“Predation, competition, and ecologically-based management of agricultural insect pests”
Thursday, March 16, 2017

Patrick Hurley, Environmental Studies

“Shaking the Trees: Location Cultural and Provisioning Ecosystem Services in U.S. Cities”
Thursday, March 30, 2017

Teresa Ko, Modern Languages

“Argentina: Race in a Raceless Nation”
Thursday, April 6, 2017

John French, Music

“Anglican Canticles for Morning and Evening Services”
Thursday, April 20, 2016

Pre-Tenure Leaves

Jeanine McCain

Theater & Dance

“Body and Landscape: The integration of live dance and video projection technology”

Spring 2017

Anthony Nadler

Media & Communications Studies

“Creating the Online Conservative Public Sphere”

Spring 2017

Jennifer Stevenson

Psychology

“The Reliability of the Autism-Spectrum Quotient”

Fall 2016

Sabbatical Leaves

Catherine Chambliss

Psychology

“Empathy Matters: Research on Depression Risk Factors and Treatment”

Spring 2017

Akshaye Dhawan

Mathematics & Computer Science

“Structural graph theory applied to social networks”

Fall 2016

Rebecca Lyczak

Biology

“Identification of Suppressors of pam-1”

Fall 2016

Lewis Riley

Physics

“Proton Scattering from Si and the Evolution of the $N=28$ Shell”

Fall 2016

John Spencer

Education

“Less is More: Theodore R.Sizer and the Struggle to Transform American Education”

Spring 2017

Susanna Throop

History

“The Crusades: An Epitome”

Spring 2017

Richard Wallace

Environmental Studies

“Assessing Environmental Education in the Greater Yellowstone Ecosystem”

Fall 2016/Spring 2017

The Professional Achievement of Students

Student-Faculty Publication

Babbitt DM, Perkins AP, Diaz KM, Feairheller DL, Sturgeon KM, Veerabhadrapa P, Williamson ST, Kretzschmar J, Ling C, Lee H, Grim H, Brown MD. Adherence to Exercise Prescription and Improvements in the Clinical and Vascular Health of African Americans. Under Review.

*Black, E., Stevenson, J.L., & Bish, J.P. (in press). The role of musical experience in hemispheric lateralization of global and local auditory processing. *Perception*. <http://dx.doi.org/10.1177/0301006616685954>.

Blust, K., Hartl, A. C., Lannon, M. & Chambliss, C., (2016). Personality correlates of nonclinical substance use in adolescents. *Journal of Psychology and Behavioral Science*, 4, 1, 1-12.

Brown, R. & Chambliss, C. (2017). Empathy versus Social Comparative Processing and Competitive Striving. In: C. Chambliss & A.C. Hartl, (Eds.), *Empathy Rules: Depression, Schadenfreude, & Freudenfreude Research on Depression Risk Factors and Treatment*. New York: Nova Science Publishers.

Casarella, J., Gow, S., Shultes, A., Hoffeld, Z., Honrychs, D., Morales, T. & Chambliss, C. (2017). Depression and Mobile Device Disruption of Interpersonal Relationships, In: C. Chambliss & A.C. Hartl, (Eds.), *Empathy Rules: Depression, Schadenfreude, & Freudenfreude Research on Depression Risk Factors and Treatment*. New York: Nova Science Publishers.

Chambliss, C. & Hartl, A.C. (2017). *Empathy Rules: Depression, Schadenfreude, & Freudenfreude Research on Depression Risk Factors and Treatment*. New York: Nova Science Publishers.

Chambliss, C., Hartl, A., Norton, J., & Giroux, M. (2017). Cultural Casualties Case Study: Changing Family Roles May Increase Risk of Depression: Parental self-Esteem Correlates of Family Employment Lifestyle. In: C. Chambliss & A.C. Hartl, (Eds.), *Empathy Rules: Depression, Schadenfreude, & Freudenfreude Research on Depression Risk Factors and Treatment*. New York: Nova Science Publishers.

Chambliss, C. & Hartl, A., (2017). Nice & Mean: How Freudenfreude and Schadenfreude Shape Relationships. In: C. Chambliss & A.C. Hartl, (Eds.), *Empathy Rules: Depression, Schadenfreude, & Freudenfreude Research on Depression Risk Factors and Treatment*. New York: Nova Science Publishers.

Chambliss, C., Gartenberg, C., Honrychs, D., Elko, M., March, R., McGill, S., Watters, M., Bayer, K., Boylan, C., Hanson, A., Hawley, B., Ventura, D., & Boss, R. (2016). Distracted by Binge-watching: Sources of Academic Disruption in College Students. *American International Journal of Humanities and Social Sciences*, 2, 4.

Chambliss, C., Blust, K., Hartl, A. C. & Lannon, M. (2016). Personality correlates of nonclinical substance use in adolescents. *Journal of Psychology and Behavioral Science*, 4, 1, 1-12.

Crabbe DL, Fossile KM, Moser C, Diaz KM, Veerabhadrapa P, Fearheller DL, Sturgeon KM, Brown MD. Missed Opportunity to Favorably Alter CVD Risk Factors in African Americans, Especially African American Women. Under Review.

Cromwell CM, Aichele KR, Oakman JE, Neal MP, Lenzo JM, Perez AN, Bye NL, Santaniello EL, Hill JA, Evans RC, Thiele KA, Chavis LN, Getty AK, Wisdo TR, Fearheller DL. Carotid Artery IMT, Blood Pressure, and Cardiovascular Risk Factors in Males and Females. *International Journal of Exercise Science*. 2016; 9(4):482-490.

Cromwell CM, Aichele KR, Oakman JE, Neal MP, Lenzo JM, Perez AN, Bye NL, Santaniello EL, Hill JA, Evans RC, Thiele KA, Chavis LN, Getty AK, Wisdo TR, Fearheller DL. Carotid Artery IMT, Blood Pressure, and Cardiovascular Risk Factors in Males and Females. *International Journal of Exercise Science*. 2016; 9(4):482-490.

Derella C, Aichele KR, Bye NL, Oakman JE, Cromwell CM, Lenzo JM, Perez AN, Santaniello EL, Hill JA, Chavis LN, Getty AK, Wisdo TR, Fearheller DL. Heart Rate and Blood Pressure Responses to Gear Weight Under a Controlled Workload. Under Review.

Diaz KM, Fearheller DL, Sturgeon KM, Williamson ST, Veerabhadrapa P, Kretzschmar J, Crabbe DL, Brown MD. Aerobic Exercise Training Improves Renal Function in African Americans. Under Review.

Fearheller DL, Hill JA. How Should Firefighters Exercise & What Works? In Press.

*Foggo, M., *McFarland, B., *Wiggin, T., *Godfrey, S., & Stevenson, J.L. (2017). Gender and autistic traits minimally influence eye movement patterns during mental rotation and emotional face tasks. *The Journal of Psychology and the Behavioral Sciences*, 25, 33-41.

Geiger, L. '17, "Physicians, Magicians, and Mortuaries: Marco Polo's Orientalism." *Proto*, volume 6, an Undergraduate Humanities Journal.

Gernsbacher, M.A., Stevenson, J.L., & Dern, S. (2017). Specificity, contexts, and reference groups matter when assessing autistic traits. *PLoS One*, 12, e0171931. <http://dx.doi.org/10.1371/journal.pone.0171931>.

Getty AK, Lenzo JM, Wisdo TR, Aichele KR, Oakman JE, Neal MP, Cromwell CM, Hill JA, Chavis LN, Fearheller DL. Blood Pressure and Cardiovascular Health in Young and Middle-aged Adults. Under Review.

Getty AK, Wisdo TW, Hill JA, Polimeni AN, Chavis LN, Perez AN, DiCiurcio WT, Ciesielka KA, Jasinski RM, Derella CD, Cruz JA, Close SN, Fearheller DL. Effects of a Short-Term Functional Exercise Program on Cardiac and Vascular Health. *Medicine & Science in Sports & Exercise*. 2016;48(5) Supp.

Gow, S. '18. "The Art of the Captive Culinary," *Proto: Undergraduate Humanities*, June 2017.

Gow, S. '18. "My Gender is a Sunset Spoon," *FIVE:2:ONE magazine*, August 2017.

Gow, S. '18. "Piñata Body and Hearing the Gunshot." *Synaesthesia Magazine*, March 2017.

Gregoric, V., Kang, X., Liu, Z.C., Rowley, Z., Carroll, T., and Noel, M., "Directed Field Ionization," arXiv:1704.01455 [physics] (2017), [arXiv: 1704.01455](https://arxiv.org/abs/1704.01455).

Hahn, A. '17, "Unmuting." *Sigma Tau Delta Rectangle*, the Journal of Creative Writing for the International English Honor Society, Volume 92.

Hill JA, Polimeni AN, Wisdo TR, Chavis LN, Getty AK, Perez AN, DiCiurcio WT, Ciesielka KA, Jasinski RM, Derella CC, Cruz JA, Close SN, McLaughlin KC, Onitiri HL, Fearheller DL. Vascular Health and Fitness Levels in Metabolically Healthy and Unhealthy Obese Males. *Medicine & Science in Sports & Exercise*. 2016;48(5) Supp.

Hodess, J. "The Horoscope's Bespoke: Finding Contemporary Purpose for Absurd Theater," Spring 2017.

Karliner J, Nagy M, Sanya J, Yeagley N, Barnett-Ohuri Z, D'Ortona L, Lawrence J, McNamara RC, Boas R, Brubaker H, Collopy S, Nolan J, and Favero C. (2017) Low-Dose Prenatal Alcohol Exposure Modulates weight gain and eliminates fractalkine expression in E14.5 mouse embryos. *Impulse – the Premier Undergraduate Neuroscience Journal*, accepted with revisions.

Kelly, C., Hawley, B., & Chambliss, C. (2017). Treatment Strategies to Combat Depression, In: C. Chambliss & A.C. Hartl, (Eds.), *Empathy Rules: Depression, Schadenfreude, & Freudenfreude Research on Depression Risk Factors and Treatment*. New York: Nova Science Publishers.

Kretzschmar J, Babbitt DM, Diaz KM, Fearheller DL, Sturgeon KM, Perkins AM, Veerabhadrapa P, Williamson ST, Ling C, Lee H, Grimm H, Thakkar S, Crabbe DL, Kashem MA, Brown MD. Differential Response to Exercise in African Americans with High Levels of Inflammation. Under Review.

Koren, M. '17, "Yoko Ono: Living Woman, 1970." *Sigma Tau Delta Rectangle*, the Journal of Creative Writing for the International Honor Society, Volume 92.

Koren, M. '17, "Like a Boy," chapter from Honors Thesis in Creative Writing published in WINDMILL, a literary magazine out of Hofstra University.

Lyons, Micaela had an article accepted for publication in *The Kennesaw Tower*, the annual undergraduate foreign language research journal, Vol. IX (2017): "Florecitas roqueras: rock, punk y el problema de género en Hispanoamérica". The essay was a revised version of her Senior Seminar final paper.

March, R., Miller, M., Brown, R., Lawrence, J., Senger, V., & Chambliss, C. (2017). Comparing Etiological Models of Depression, In: C. Chambliss & A.C. Hartl, (Eds.), *Empathy Rules: Depression, Schadenfreude, & Freudenfreude Research on Depression Risk Factors and Treatment*. New York: Nova Science Publishers.

McClelland JM, Fowkes Godek S, Chlad PS, Fearheller DL, Morrison KE. The Effects of Cardiovascular Fitness and Body Composition on Maximal Core Temperature in Collegiate Football Players During Pre-Season. Under Review.

Oakman JE, Perez AN, Neal MP, Lenzo JM, Cromwell CM, Aichele KR, Bye NL, Santaniello EL, Hill JA, Evans RC, Wisdo TR, Chavis LN, Thiele KA, Getty AK, Fearheller DL. Lower Extremity Joint Angle and Range of Motion are Associated with Cardiovascular Health. Under Review.

Polimeni AN, Hill JA, Wisdo TR, Chavis LN, Getty AK, Perez AN, DiCiurcio WT, Ciesielka K, Jasinski RM, Derella CC, Cruz JA, Close AN, Fearheller DL. Effects of a 4-Week Exercise Intervention on Brachial and Core Blood Pressures. *Medicine & Science in Sports & Exercise*. 2016;48(5) Supp.

Reekes TH*, Vinyard III HT*, Echols W*, Eubank III AJ, Bouldin MD*, Murray WH*, Brewer S*, Brown BT*, Willis Jr HL*, Tabrani Z*, Favero CB, and Clabough EBD. Moderate chronic fetal alcohol exposure causes a motor learning deficit in adult outbred Swiss-Webster mice [version 1; referees: 1 approved, 1 approved with reservations]. *F1000Research* 2016, 5:1896. (doi: 10.12688/f1000research.9237.1).

Riley, L.A., McPherson, D. M., Agiorgousis, M.L., Baugher, T.R., Bazin, D., Bowry, M., Cottle, P.D., DeVone, F. G., Gade, A., Glowacki, M. T., Gregory, S. D., Haldeman, E. B., Kemper, K. W., Lunderberg, E., Noji, S., Recchia, F., Sadler, B. V., Scott, M., Weisshaar, D., Zegers, R. G. T., Octupole strength in the neutron-rich calcium isotopes, *Phys. Rev. C* **93**, 044327-92016.

Scharaga, S. published a review in *Film Matters Magazine* that came out this Spring 2017.

Shue, E. '18. 'A Fine Line: Conflicting Interpretations of Homoeroticism and Self-Love in Nella Larsen's *Passing*,' *Oswald Review*, Volume 19. Fall 2017.

Shwarz, C.M., Grabill, C.N., Richardson, G.D., Labh, S., Lewis, A. M., Vyas, A., Gleason, C., Rivero-Baleine, C., Richardson, K., Pogrebnyakov, A., Mayer, T.S., Drake, C., Kuebler, S. M., J. Micro Nanolithogr. MEMS MOEM 16, 023508 (2017).

Stevenson, J.L., & Hart, K.R. (in press). Psychometric properties of the Autism-Spectrum Quotient for assessing low and high levels of autistic traits in college students. *Journal of Autism and Developmental Disorders*. <http://dx.doi.org/10.1007/s10803-017-3109-1>.

Stevenson, J.L., *Shah, S., & Bish, J.P. (2016). Use of structural assessment of knowledge for outcomes assessment in the neuroscience classroom. *Journal of Undergraduate Neuroscience Education*, 15, A38-A43. Retrieved from <http://www.funjournal.org/wp-content/uploads/2016/09/june-15-38.pdf>.

Thompson, K. & Chambliss, C. (2017). Empathy and Depression: Too Much or Too Little Empathy? In: C. Chambliss & A.C. Hartl, (Eds.), *Empathy Rules: Depression, Schadenfreude, & Freudenfreude Research on Depression Risk Factors and Treatment*. New York: Nova Science Publishers.

Wisdo TR, Getty AK, Hill JA, Polimeni AN, Chavis LN, Perez AN, DiCiurcio WT, Ciesielka KA, Jasinski RM, Derella CC, Cruz JA, Close SN, Fearheller DL. Effects of 4-Week Lifestyle Intervention on Fitness Levels of Adults. *Medicine & Science in Sports & Exercise*. 2016;48(5) Supp.

Student Conference Presentations

Ammons, D.*, Analysis of *Xenopus laevis* microglia response following tail amputations. Beta Beta Beta Northeastern Region District 2 Convention. Collegeville, PA. March 19, 2016.

Alsher, R.*, Schleicher, E.*, Stephens, D.*, Litz, T.*, Kilner, A.*, Kimble, A.*, Power, K.*, Jaeger, E., Lowry, J., Bowerman, B., Lyczak, R. Suppressor screening to identify new regulators of anterior-posterior axis establishment in *Caenorhabditis elegans*. Allied Genetics Conference, Orlando, FL, July 13-17, 2016.

Allwein, B.T.*'18, Cameron, D., "Characterization of Sup35, Rnq1, and Ure2 cotranslational prion aggregation in *Saccharomyces cerevisiae*", 253rd American Chemical Society National Meeting & Exposition, San Francisco, CA, April 2-6, 2017. [Poster presentation]

Allwein, B.* and Cameron, D. Structural Characterization of Sup35, Rnq1, and Ure2 Cotranslational Prion Aggregation in *Saccharomyces cerevisiae*. Undergraduate Research Symposium, Haverford College, Haverford, PA, September 24, 2016.

Allwein, B.* and Cameron, D. Structural Characterization of Sup35, Rnq1, and Ure2 Cotranslational Prion Aggregation in *Saccharomyces cerevisiae*. 19th annual Undergraduate Research Symposium in the Chemical and Biological Sciences, University of Maryland Baltimore County, Baltimore, Maryland, October, 2016.

Allwein, B.*, and Cameron, D. M. Characterization of Sup35, Rnq1 and Ure2 Cotranslational Prion Aggregation in *Saccharomyces cerevisiae*. Experimental Biology Meeting, Chicago, IL, April, 2017

Arinaga, A. '17, "Pyrazine-modified Ferrate Complexes for Photocatalytic CO₂ Reduction", 81st Annual Intercollegiate Student Chemists Convention, Penn State Berks, Reading, PA, April 29, 2017.

Atta-Darkwa, M., How the Illegal Ivory Trade-including Poaching, Smuggling, and Stock Piling-responds to increases in Trade Openness. Omicron Delta Epsilon Twenty-Eighth Annual Undergraduate Research Conference in Business and Economics, Ursinus College, April 2017.

Bello, S., Measuring the Impact of Fragile State Failure on Global GDP Growth. (1961-2014). Omicron Delta Epsilon Twenty-Eighth Annual Undergraduate Research Conference in Business and Economics, Ursinus College, April 2017.

Burden, D., Daring, J., Sutton, K. *Living In/Living On*, student dance work at ACDA Conference, University of Maryland, College Park, MD.

Campbell, A., Solar Panel Installations per Zip Code in the United States. Omicron Delta Epsilon Twenty-Eighth Annual Undergraduate Research Conference in Business and Economics, Ursinus College, April 2017.

Carcia, A., Economic Shocks from Fracking and Mortality Rates, Omicron Delta Epsilon Twenty-Eighth Annual Undergraduate Research Conference in Business and Economics, Ursinus College, April 2017.

Cawley, E., Daring, J., Student Research Assistants in the Humanities, presented faculty/student collaboration work in dance and multi-media at the Sans Limites Spring Dance Series, Summer 2017.

Chambliss, C., Blust, K., & Hartl, A. Personality correlates of substance use in adolescents. Presented at the 2nd International Congress of Clinical and Health Psychology on Children and Adolescents. Barcelona, Spain November 17-19, 2016.

Cohen, D., Assessing the Impact of adding football programs on College and University Enrollments, Tuitions, Gender Ratios, Admissions Selectivity, and Retention, Omicron Delta Epsilon Twenty-Eighth Annual Undergraduate Conference in Business and Economics, Ursinus College, April 2017.

Cruz J., Getty A., Wisdo T. Functional Fitness Challenge in Volunteer Firefighters Improves Heart Health.” Research at the Capitol. Harrisburg, PA, 2016.

Derella, C., Ambulatory blood pressure monitoring in emergency services personnel study. Presentation at ACSM-MARC regional conference, American College of Sports Medicine, Harrisburg, PA.

Downer, J.*, White, S.* and Favero, C. “The Effect of Ethanol Exposure in the Width and Amount of Corridor Cells in Mouse Embryos”. Annual Meeting of the Society for Neuroscience, San Diego, CA, November, 2016.

Drebushenko, L., Karliner, J.*, Tirney, A*, Round, J.E. Investigating a Potential Role for Slitrk2 in Embryonic Neurogenesis. Annual Meeting of the Society for Neuroscience, San Diego, CA, November, 2016.

Drebushenko, L., Triney, A., Karliner, J., Round, J.E. (2017, November) Using CRISPR/Cas9 genome editing to investigate a potential role for Slitrk2 in neurogenesis. Poster presented at the Annual Meeting of the Society for Neuroscience, San Diego, CA

DuChene, C. '19 presented her paper “Hey, Hey Uncle Peck, How Many Kids Did You Do Today?” at the 28th Annual Gender and Women’s Studies Student Research Conference at Villanova University on April 7, 2017.

Flood, M., Rohr, A., Kuklantz, M., Joell, I. “*In Her Words: Stories of Survival and Resistance.*” KEYNOTE Performance, The 47th Annual Scholars Conference on the Holocaust and Churches, Spring 2017.

Flood, M., Rohr, A., Kuklantz, M., Joell, I. “*In Her Words: Stories of Survival and Resistance*” Performances for Holocaust. Remembrance Day Readings, Center for Jewish History, New York, NY. Spring 2017.

Getty AK, Wisdo TW, Hill JA, Polimeni AN, Chavis LN, Perez AN, DiCiurcio WT, Ciesielka KA, Janinski RM, Onitiri H, Derella CD, Cruz JA, Close SN, Feairheller DL. Effects of a Short-Term Functional Exercise Program on Cardiac and Vascular Health. World Congress on Exercise & American College of Sports Medicine. Boston MA 2016.

Getty, A., Vascular health changes with a 4-week exercise programs-functional fitness compared to resistance training. Presentation at ACSM-MARC regional conference, American College of Sports Medicine, Harrisburg, PA.

Gioffre, S. '19 presented her paper "The Female Artist and Her Male Creator: Righting the Scales" at the 28th Annual Gender and Women's Studies Student Research Conference at Villanova University on April 7, 2017.

Goodman, S., Economopoulos, A., Williams, T., Clothier, R., Tan, C. ('19), & Fernandez, V. ('18). Ignite Session at PCLA Conference, "Dialogues: Speech" March, 2017, Lancaster, PA.

Goodman, S. and Perkins, L. ('17). "Creating a 'Community of Truth': Helping Students Engage in Discussions about Race in the First-year Liberal Studies Seminar." Paper presented at the Annual Meeting of the Pennsylvania Communication Association, September, 2016, University of Pittsburgh at Johnstown.

Goodman S. and Perkins, L. ('17). "Exploring Race through Discussion of *The New Jim Crow: An Analysis of Difficult Conversations*." Paper presented at the Annual Meeting of the National Communication Association, November 10-13, 2016, Philadelphia, PA.

Gregoric, V., Kang, X., Liu, Z., Rowley, Z., Carroll, T., Noel, M., "Directed Field Ionization," in Bulletin of the American Physical Society, Vol. 62, (2017) p. U6.00010.

Hergenrother, C. '17, "Analysis of Ionic Transport in Single-walled Carbon Nanotubes", 81st Annual Intercollegiate Student Chemists Convention, Penn State Berks, Reading, PA, April 29, 2017.

Hill JA, Polimeni AN, Wisdo TR, Chavis LN, Getty AK, Perez AN, DiCiurcio WT, Ciesielka KA, Jasinski RM, Derella CC, Cruz JA, Close AN, McLaughlin KC, Onitiri HL & Fairheller DL. Vascular Health and Fitness Levels in Metabolically Healthy and Unhealthy Obese Males. World Congress on Exercise & American College of Sports Medicine. Boston MA 2016.

Hodenfield, J.A. presented her paper "Marriage: Milestone or Choice? An Analysis of *Pride and Prejudice* and *Eligible*" at the 28th Annual Gender and Women's Studies Student Research Conference at Villanova University on April 7, 2017.

Hojsak, S. '18 presented her paper "Our Best Feminist Intentions: How *Pride and Prejudice* and *Bridget Jones's Diary* Capture Time Specific Feminist Discourses" at the 28th Annual Gender and Women's Studies Student Research Conference at Villanova University on April 7, 2017.

Holt, T. '17* DeHelian, D.*, Palowitch, G.* and Koeppe, J.R. "Dynamic changes in complement component 3 in the presence of the lectin-like domain of thrombomodulin", Biophysical Society Annual Meeting, New Orleans, LA, February 2017. [Poster presentation]

Holt, T. '17*, Roberts, R., Craig, P. and Koeppe, J.R., "Combining molecular visualization with bench methods in a hypothesis-driven undergraduate biochemistry lab course", Biophysical Society Annual Meeting, New Orleans, LA, February 2017. [Poster presentation]

Jarvis, L.R., Stine, C.G, and Riley, L.A. Determination of the Thickness of the Back Dead-Layer of GREY Crystals via Comparisons of Measured Photopeak Efficiencies with GEANT4 Simulations, Bull. Amer. Phys. Soc. 61, No. 13 EA. 00112 (2016).

Kang, X., Rowley, Z., Carroll, T., and Noel, M., 'Directed Field Ionization: A Genetic Algorithm for Evolving Electric Field Pulses,' in Bulletin of the American Physical Society, Vol. 62 (2017) p. K1.00081.

Karmilowicz, C., What Impacts Movie Sales? Omicron Delta Epsilon Twenty-Eighth Annual Undergraduate Research Conference in Business and Economics, Ursinus College, April 2017.

Kelly, C., Tessitore, T.*, Taddeo, J.*, and Cameron, D. M., The Ribosome-Associated Complex Suppresses (PSI+) Prion Formation in Yeast. Experimental Biology Meeting, Chicago, IL, April, 2017.

Keyser, E.* The effects of host-plant resistance and intercropping on the Potato leafhopper in alfalfa. Northeastern Plant, Pest, and Soils Conference, Philadelphia, PA, January, 2016.

Kopera, A.*, Leahy, C.*, Powers, G.*, Cuva, D.*, and Roberts, R. The effects of estrogen and bisphenols on non-immune cell protease activity. Beta Beta Beta Northeastern Region District 2 Convention. Collegeville, PA. March 19, 2016.

Kopera, A.*, Leahy, C.*, Saunders, J.*, and Roberts, R. Breast cancer cell proliferation upon exposure to endocrine disrupting chemicals. Annual Undergraduate Research Conference. Haverford College. September 24, 2016.

Later, M.*, Weggeman, S.*, Zelaya, S.*, Anderson, E. *, Describing distribution and morphology of microglia in embryonic *Ambystoma mexicanum* using whole-mount staining. Beta Beta Beta Northeastern Region District 2 Convention. Collegeville, PA, March 19, 2016

LeBlanc, E., College Costs on Dropout Rates. Omicron Delta Epsilon Twenty-Eighth Annual Undergraduate Research Conference in Business and Economics, Ursinus College, April 2017.

Lee, N., Disabilities and Degrees: Do Disabilities Affect College Attendance? Omicron Delta Epsilon Twenty-Eighth Annual Undergraduate Research Conference in Business and Economics, Ursinus College, April 2017.

Li, Yanlin, curator. Group Exhibition: "Try to Understand." Brooke Lanier Fine Art. Philadelphia, PA (April 2017).

Ludwig, B. '19 presented her paper 'Othello's Girls Gone Wild' at the 28th Annual Gender and Women's Studies Student Research Conference at Villanova University on April 7, 2017.

Myers, J., Partying to Payday: Can Party Schools Produce Higher Income Graduates? Omicron Delta Epsilon Twenty-Eighth Annual Undergraduate Research Conference in Business and Economics, Ursinus College, April 2017.

Novak, C.*, Volpe, V. Joint Influences of identity and active coping on RSA during racial discrimination stress for Black young adults. Oral presentation submitted to the 2017 American Psychosomatic Society's Annual Scientific Meeting. Sevilla, Spain. American Psychosomatic Society's Annual Scientific Meeting, Sevilla, Spain, March 15-18, 2017. (Accepted but not presented due to location and funding).

O'Shea, K. '17*, Dorsheimer, J. '19*, Biernat, K., Jacobs, A., Solomon, E.I., Wu, Y., Degrado, W.F., Reig, A.J., "Structure-function relationships in G4DFsc variants containing a 4-His/3-carboxylate active site", 253rd American Chemical Society National Meeting & Exposition, San Francisco, CA, April 2-6, 2017. [Poster presentation]

Ostrum, J., *Unrequered* written and performed for Independent Study in Theater, Spring 2017.

Palladino, A., The Impact of the Gas Tax on Long-Run Commuting Decisions, Omicron Delta Epsilon Twenty-Eighth Annual Undergraduate Research Conference in Business and Economics, Ursinus College, April 2017.

Pellegrino, J.*; Bell, K.*; Polinski, R. Z.*; Cimerol, S. N.*; Jacobs, A.; Solomon, E. I.; Reig, A. J. *Biophysical characterization and catalytic reactivity of rubrerythrin and symerythrin model proteins*, 252nd American Chemical Society National Meeting, Philadelphia, PA, August 2016. [Poster presentation]

Pellegrino, J. '17*, Bell, K. '18, Polinski, R. Z.'14, Cimerol, S. N. '12, Jacobs, A., Solomon, E.I., Reig, A. J., "Creation And Characterization Of Rubrerythrin And Symerythrin Model Proteins", 19th Annual Undergraduate Research Symposium in the Chemical and Biological Sciences, University of MD Baltimore County, Baltimore, MD, October 22, 2016. [Poster presentation]

Pellegrino, J.* '17; Bell, K.'18*; Polinski, R. Z. '14*; Cimerol, S. N.'12*; Jacobs, A.; Solomon, E. I.; Reig, A. J. *Creation and Characterization of Rubrerythrin and Symerythrin Model Proteins*, 5th Philadelphia Inorganic Colloquium, November 2016. [Poster presentation]

Pellegrino, J. '17*, Abaskharon, R.M., Gai, F., "Irradiation-controlled disassembly of peptide hydrogels and dye release via photolabile Lys(Nvoc)", 253rd American Chemical Society National Meeting & Exposition, San Francisco, CA April 2-6, 2017.

Pellegrino, J. '17*, Bell, K.A. '18*, Polinski, R.'14, Cimerol, S.'12, Jacobs, A., Solomon, E.I., Reig, A.J., "Biophysical characterization and catalytic reactivity of rubrerythrin and symerythrin model proteins", 253rd American Chemical Society National Meeting & Exposition, San Francisco, CA, April 2-6, 2017. [Poster presentation]

Perez, A., Metabolic Healthy Obesity compared to Metabolic Unhealthy Obesity in relation to cardiovascular health. Presentation at ACSM-MARC regional conference, American College of Sports Medicine, Harrisburg, PA.

Philip, C.'17*, Hawkins, S.'19, Reig, A.J. "Using model proteins to understand the structure-function relationships in 4-histidine/2-carboxylate diiron proteins", 253rd American Chemical Society National Meeting & Exposition, San Francisco, CA, April 2-6, 2017. [Poster presentation]

Polimeni AN, Hill JA, Wisdo TR, Chavis LN, Getty AK, Perez AN, DiCiurcio WT, Ciesielka K, Jasinski RM, Derella CC, Cruz JA, Close AN, Fairheller DL. Effects of a 4-Week Exercise Intervention on Brachial and Core Blood Pressures. World Congress on Exercise & American College of Sports Medicine. Boston MA 2016.

Rafter, T., The Impact of Prescription Opioids on U.S. Property Theft. Omicron Delta Epsilon Twenty-Eighth Annual Undergraduate Research Conference in Business and Economics, Ursinus College, April 2017.

Raichle, K., Schnable, B., Altemose, Q., Schwarz, C., Kang, M., Pantano, C., Richardson, K., Rivero-Baleine, C., Undergraduate Research at the Capitol, (Harrisburg, Pennsylvania, 25 Apr. 2017).

Raichle, K., Schnable, B., Altemose, Q., Schwarz, C., Kang, M., Pantano, C., Richardson, K., Rivero-Baleine, C., APS Conferences for Undergraduate Women in Physics (CUWiP), (Princeton University, New Jersey, 13-15 Jan. 2017).

Rauci, R., Casarella, J., Grous, L., Bish, J. 'Examination of Neurocorrelates of Mild Traumatic Brain Injury in Young Adults". Poster Presented at the annual convention of Association for Psychological Science.

Rohr, A. '17 presented her paper "Poetry and Instructive Othermothering" at the 28th Annual Gender and Women's Studies Student Research Conference at Villanova University on April 7, 2017.

Rowley, Z., Kang, X., Carroll, T., "Controlling the Ionization of an Electron with an Electric Field Pulse", APS Conferences for Undergraduate Women in Physics (CUWiP), (Princeton University, New Jersey, 13-15 Jan. 2017).

Rueda, Z., Straka, J., King, J.M. HIV-1 Tat Protein induced Cofilin Phosphorylation by LIM-kinase 1 in Microglial cells. University of Pennsylvania, Penn Honors Diversity Symposium Poster. September 29 – October 1, 2016.

Saturno, D.*, Castanzo, D.*, Williams, M.*, Parikh, D.*, Jaeger, E., and Lyczak, R. Centrosome-cortical contact duration affects anterior-posterior polarity in the one-cell *C. elegans* embryo. Allied Genetics Conference, Orlando, FL, July 13-17, 2016.

Scalora, V. Planting the Seeds of Security: The Influence of Agricultural Products on Food Security Levels in U.S. Counties. Omicron Delta Epsilon Twenty-Eighth Annual Undergraduate Research Conference in Business and Economics, Ursinus College, April 2017.

Scott, M.* Host plant resistance and pest control: A test of the movement-risk hypothesis. Northeastern Plant, Pest, and Soils Conference, Philadelphia, PA, January, 2016.

Shue, E. '18 presented her paper "A Fine Line: Conflicting Interpretations of Homoeroticism and Self-Love in Nella Larsen's *Passing*" at the 28th Annual Gender and Women's Studies Student Research Conference at Villanova University on April 7, 2017.

Stoeber, J. '17, "Analysis of Pore-blocking Events in Carbon Nanotube Devices", 81st Annual Intercollegiate Student Chemists Convention, Penn State Berks, Reading, PA, April 29, 2017.

Szmodis, P. '18 presented her paper "Reconstructing Christine de Pizan's *City of Ladies*" at the 11th Undergraduate Conference in Medieval & Early Modern Studies at Moravian College in Bethlehem, PA on December 3, 2016.

Tan, C., March Madness and the Second Round of the Draft. Omicron Delta Epsilon Twenty-Eighth Annual Undergraduate Research Conference in Business and Economics, Ursinus College, April 2017.

Tessitore, T., Cause and Coincidence: GMO Products and Health Risks. Omicron Delta Epsilon Twenty-Eighth Annual Graduate Research Conference in Business and Economics, Ursinus College, April 2017.

Tessitore, T.*, McElroy, A.*, Johnson-Hyde, C.*, and Cameron, D. Engineering mutations to block post-translational modification of the ribosome-associated Hsp40 chaperone Zuo1. Undergraduate Research Symposium, Haverford College, Haverford, PA, September 24, 2016.

Tirney, A.*, Maiorino, V.*, Drebusenko, L., Round J.E. Slitrk2 Protein Expression in the Developing Brain. Lehigh Valley Society for Neuroscience Meeting, Moravian College, April, 2016.

Van Dyke, B '18*, Reig, A.J., "Copper Binding And Reactivity Of *De Novo* Designed *Due Ferri* Single Chain (DFsc) Protein Variants", 19th Annual Undergraduate Research Symposium in the Chemical and Biological Sciences, University of MD Baltimore County, Baltimore, MD, October 22, 2016. [Poster presentation].

Van Dyke, B. '18*, Reig, A.J., "Copper binding and reactivity of de novo designed *Due Ferri* single chain (DFsc) proteins", 253rd American Chemical Society National Meeting & Exposition, San Francisco, CA, April 2-6, 2017. [Poster presentation].

Vondy, S.* and Straub, C. Effects of host plant resistance and intercropping on potato leafhopper (*Empoasca fabae*) and its vulnerability to predation in alfalfa. Poster presentation, Northeastern Plant, Pest, and Soils Conference, Philadelphia, PA, January, 2016.

Wisdo, T., Fitness changes with a 4-week exercise programs-functional fitness compared to resistance training. Presentation at ACSM-MARC regional conference, American College of Sports Medicine, Harrisburg, PA.

Wagner, M.*, Nelson, A.*, Flake, C.*, Eaton, D.*, and Bailey, B. A. Cardiac Hypertrophy and Myocyte Remodeling are Exacerbated with Multiple Pregnancies. Experimental Biology Meeting, Chicago, IL, April, 2017.

Wisdo TR, Getty AK, Hill JA, Polimeni AN, Chavis LN, Perez AN, DiCiurcio WT, Ciesielka KA, Jasinski RM, Onitiri H, Derella CC, Cruz JA, Close SN, Fairheller DL. Effects of a 4-Week Lifestyle Intervention on Fitness Levels of Adults. World Congress on Exercise & American College of Sports Medicine. Boston MA 2016.

Wright, K., Retail Fuel Costs and Vehicle Fatalities: The Economics of Consumption and Activity Level. Omicron Delta Epsilon Twenty-Eighth Annual Undergraduate Research Conference in Business and Economics, Ursinus College, April 2017.

Departmental Honors

Distinguished Honors

Biochemistry & Molecular Biology: Jenna Pellegrino

“Biophysical Characterization and Catalytic Reactivity of Rubrerythrin and Symerythrin Model Proteins”

Adviser: Amanda Reig

Media and Communications Studies: Jordan Ashley Scharaga

“Female Moments/Male Structures: The Representation of Women in Romantic Comedies”

Adviser: Jennifer Fleeger

Honors

Biochemistry & Molecular Biology: Jenna Pellegrino

“Biophysical Characterization and Catalytic Reactivity of Rubrerythrin and Symerythrin Model Proteins”

Adviser: Amanda Reig

Biochemistry & Molecular Biology: Robin Amelia Alsher

“Identification of the *Iz5* suppressor of *pam-1* in *C. elegans*”

Adviser: Rebecca Lyczak

Biology: Dylan Bryce Stephens

“Identification of the *Iz4* suppressor of *pam-1* and the role of suppressors in polarity establishment in single-cell *C. elegans* embryos”

Adviser: Rebecca Lyczak

Biology: Usman M. Baqai

“Identifying an Intracellular Binding Partner for the Synaptic Adhesion Protein Slitrk2”

Adviser: Jennifer Round

Biology: Joshua Tyler Straka

“Examining the Phagocytic Activity of HIV-1 Tat exposed Microglia: Possible Chemokine Receptor Activation”

Adviser: Jennifer King

Biology: Marcus Jonathan Wagner

“The Effects of Multiple Pregnancies on the Murine Heart”

Adviser: Beth Bailey

Business & Economics: Vanessa Rae Scalora

“Planting the Seeds of Security: The Influence of Agricultural Products on Food Security Levels in U.S. Counties”

Adviser: Jennifer VanGilder

Chemistry: Allison Marie Arinaga

“Pyrazine- and Bipyrazine-modified Iron(II) Complexes for the Photocatalytic Reduction of Carbon Dioxide to Methanol”

Adviser: Brian Pfennig

English: Brian Christopher Thomas

“A jail you could not see’: New Approaches to Identity in Carson McCullers”
Adviser: Meredith Goldsmith

English: Lauren Therese Geiger

“Ecocriticism, Geopolitics, and John Gower’s *Confessio Amantis*”
Adviser: Kara McShane

English: Mara Colleen Koren

“Faces Bright with Relief: Essays on Growing up”
Adviser: Jon Volkmer

French: Michael C. Esposito

“La creation du monde: voix feminines et identites transnationales dans la litterature beur et la litterature pied noir”
Adviser: Julin Everett

Gender & Women’s Studies and Politics: Kisha Kalpesh Patel

“My Body, Not My Say: How *Roe v. Wade* Endangers Women’s Autonomy”
Advisers: Rebecca Evans and Abigail Kluchin

Health & Exercise Physiology: Avery Nikolas Perez

“Vascular Health and Fitness Levels in Metabolically Healthy and Unhealthy Obesity”
Adviser: Deborah Fearheller

Health & Exercise Physiology: Allyson Kathleen Getty

“Vascular Effects of Four-Week Functional and Resistance Exercise Training Programs”
Adviser: Deborah Fearheller

Health & Exercise Physiology: Tia Rose Wisdo

“Comparison of the Effects of 4 Weeks of Circuit Training Versus Resistance Training on Cardiovascular Health and Fitness Levels of Adults”
Adviser: Deborah Fearheller

History: Marcella Anne Murphy McGill

“Pearl of Africa: Condemnation and Celebration in Uganda”
Adviser: Edward Onaci

International Relations: Katerina Zoe Dee

“The Arab League and the Role of Regional Institutions in Democratization”
Advisers: Rebecca Evans

Media & Communication Studies: Jordan Ashley Scharaga

“Female Movements/Male Structures: The Representation of Women in Romantic Comedies”
Adviser: Jennifer Fleeger

Neuroscience: Samantha Anne White

“Investigating How Corridor Call Migration is influenced by GABA”
Adviser: Carlita Favero

Neuroscience: Jill Lawrence

“Persistent Neurobehavioral Traits in Mouse Models of Prenatal Ethanol Exposure”

Adviser: Lauren Makuch

Neuroscience: Rachel Jeanette Raucci

“Examination of Neurocorrelates of Mild Traumatic Brain Injury in Young Adults”

Adviser: Joel Bish

Neuroscience: Dylan Thomas Ammons

“A Cellular and Molecular Characterization of the Microglial Cell Population in *Ambystoma mexicanum*”

Adviser: Ellen Dawley

Philosophy and Anthropology & Sociology: Michelle Louise Thiry

“A Defense of a Change in the Legal Standard of Rape from Consent to Coercion”

Adviser: Kelly Sorensen and Jonathan Clark

Physics: Jacob Thomas Paul

“Microwave Assisted Dipole-Dipole Interactions”

Adviser: Thomas Carroll

Psychology: Samantha Marie Straughn

“Self-Concept Clarity as a Moderator of the Associations Between Self-Change and Adjustment”

Adviser: Brent Mattingly and Catherine Chambliss

Psychology: Jillian Sage Casarella

“Examination of Neurocorrelates of Mild Traumatic Brain Injury in Young Adults”

Adviser: Joel Bish and Catherine Chambliss

Spanish: Kelly Leeanna Johnson

“Migration and Injustice in the Neoliberal Era: A Comparative Analysis of Migratory Laws and Sweatshop Labor Conditions in Argentina and the United States”

Adviser: Teresa Ko

Student External Grants, Fellowships, Scholarships, and Distinctions

Allwein, Ben '18, Joell, Indira '19, Loomis, Connor '20, Pichardo, Wilbert '20, Roesch, Andrew '19, and Tsao, Nadia '19 were selected as TLI (Teaching and Learning Initiative) Consultants for next year.

Forests and People class with Dr. Patrick Hurley received a grant from the TreeVitalize Program for the purchase of 50 trees and shrubs to be planted at Hunsberger Woods. Funding for this purchase is made possible through investments in the grant program run by the Pennsylvania Department of Conservation and Natural Resources.

Getty, Allison '17, was awarded the 2017 American Kinesiology Association Undergraduate Scholar Award.

Hartford, Roseangela (Spanish Major, IR and LAS minors '18) won the Travel Research Grant from GPLASC (Greater Philadelphia Latin American Studies Consortium) for a project titled "Investigating Political Feminism: Female Leadership in Latin America". Rosie's one-month research travel to Guatemala will be fully funded by this grant. In Guatemala, Rosie will work with the non-profit organization Desarrollo Sostenible de Guatemala (DESGUA) to understand the circumstances that influence female leadership in community development and politics. Rosie is a double-major in Spanish and IR with a minor in Latin American Studies. Rosie is also working on a Summer Fellows project with Prof. Jose Cornelio.

Johnson, Kelly '17 won the Janice Bond Memorial Plaque and Award for Graduating Seniors for her excellence in Latin American Studies. The award is given by the Pan American Association of Philadelphia and GPLASC (Greater Philadelphia Latin American Studies Consortium).

Karliner, Jordyn '18, won a Goldwater Scholarship Honorable Mention.

Ludwig, Bailey '19 has been awarded the St. Andrews Society of Philadelphia scholarship to study in Aberdeen for the whole of next year.

Pellegrino, Jenna '17, was awarded an NSF Graduate Research Fellowship.

Schaefer, Serena '19 was awarded The Google Lime Award for Students with Disabilities.

Travis, Kara '18 won the Delaware Valley Education Consortium Hannah Amgott Memorial Scholarship.

Zelaya-Rivera, Susie '19 was accepted to DRIVE (Developing Researchers to Improve Healthcare Value and Equity), a highly competitive internship program at Jefferson University.

Zelaya-Rivera, Susie '19 was the winner of the 2017 Irene Rivera Diaz Scholarship Award, awarded by the Pan American Association of Philadelphia.

Notable Post-baccalaureate Plans

Bowen, Jacqui (Art History, 2010) is a Collections Technician at the University of Pennsylvania Museum of Archaeology and Anthropology.

Contractor, Ayesha and Holmcrans, Mary were accepted into TAPIF teaching program in France.

Carey, Thomas '17, mathematics certification program, has accepted a teaching position at Universal Vire Charter School in South Philadelphia.

Chorney, Matt (Art History minor, 2012) is in his final year of medical student at Cooper Medical School. He writes, "the visual skills I developed throughout my various Art History courses have really helped me when seeing patients and making the correct diagnosis. I cannot tell you how intangible those critical visual skills have helped me in medicine. I think all students who are Pre-Med in college should take at least 1 art course to build these skills."

Cooper, Angier (Studio Art and Psychology, 2015) completed the AmeriCorps Member/Social Emotional Learning Coordinator at City Year in Philadelphia. She will begin her graduate studies in Social Work at Boston College in Fall 2017.

Crowley, Ann (Art History, 2015) teaches fourth-grade at a private school in Medford, MA.

Ernst, Ashlyn (Art History, 2014) is Membership Coordinator at Philadelphia Trial Lawyers.

Farrell, Erin '17 was accepted to Teach for America.

Geiger, Lauren '17 has been accepted into the Ph.D. program at the University of Michigan, Ann Arbor starting in the fall of 2017. She will attend for six years to earn her PhD in English Language and Literature, with a concentration in medieval literature. Lauren will receive full tuition remission, a stipend, and healthcare coverage for six years.

Goldcamp, Noelle (Studio Art, 2012) is a studio assistant to artist Lee Stoetzel, Curator of the West Collection.

Hemp, Alexandra (EAS & Psychology majors, Japanese Minor '17): Accepted into JET Program to serve as an Assistant Language Teacher in Japan. Ally Lu (Japanese Minor '17) was selected as an alternate.

Malandro, Edward '16, social studies certification program, is deciding between high school teaching offers in Philadelphia and Connecticut.

Manns, Emily (Art History, 2013) works as a Funds Financial Associate at Vanguard and a Visitors Services Associate at the Barnes Foundation in Philadelphia.

Meyer, Jack (Art History, 2015) serves as Public Relations Assistant at the French Institute Alliance Française (FIAF), an arts and culture development organization, in New York. He also serves as an Arts & Culture Correspondent for the Huffington Post.

Morreale, Giancarlo '16, Health & Physical Education certification program, is employed as a substitute teacher in the Spring Ford school district and is coaching the high school's wrestling team.

Myers, Beth will be working at the Perkiomen Watershed Conservancy as a full-time conservationist. This position developed out of Beth's internship experience with the organization.

O'Dowd, Brittany (Art History, 2012) works as a Donor Database Coordinator at the Phillips Collection Museum in Washington, DC.

O'Mahony, Kayla (Studio Art, 2018) is an intern at Orange Korner Arts at the Ayuda Community Center in Philadelphia.

Pasiuk, Dylan '17 has accepted a paid internship at Twenty-First Century Consulting Group, a bi-partisan lobbying firm located in Washington D.C.

Paul, Jacob '17 and Sanford, Veronica '17 have both accepted positions with Lockheed-Martin.

Quintero, Kim (Art History and Peace and Social Justice Studies, 2015) is a graduate student in Global Affairs at New York University. This year, she completed fieldwork in the UAE and Qatar studying how the Qatari Shieka's defines Qatar's national identity through the arts.

Reuman, Monica (Studio Art, 2015) is the manager at Artitudes, a Boston-area artisan gallery. She is applying to studio arts residencies, apprenticeships, and exhibition opportunities.

Schlegel, Luke, English certification program, will be working next year as a City Year Americorps member in Philadelphia, PA.

Schwolsky, Sarah (Studio Art, 2012) works as a sales associate in an Asian carpet gallery and in the Membership Services Department at the Metropolitan Museum of Art in New York.

Shafer, Kelsey '16, Health & Physical Education certification program, is employed as a substitute physical education teacher through Source4teachers in New Jersey.

Statuti, Daniela (Art History and Museum Studies, 2018) serves as intern at Fjord Gallery in Philadelphia.

Tan-Tiongco, Kyra (Art History, 2014) completed her M.S.Ed in Higher Education at the University of Pennsylvania in the fall. She presently serves as Interim Residence Director at the University of the Sciences in Philadelphia.

Thiry, Michele '17 will be working as an Office Assistant at the Law Office of Jennifer J Riley.

Examples of Acceptances to Graduate and Professional Schools

Graduate Schools

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| Alvernia University | Princeton University |
| Auburn University | Rutgers University |
| Augusta University | Salus University |
| Boston University | Temple University |
| Cairn University | Thomas Jefferson University |
| California State University | Tufts University |
| Career Tech Ctr. Of Lackawanna CTY | University College Dublin |
| Cedar Crest College | University of California |
| Chestnut Hill College | University of Maryland |
| Colorado State University | University of Miami |
| Columbia University | University of Michigan, Ann Arbor |
| Cornell University | University of Pennsylvania |
| DeSales University | University of Southern California |
| Drexel University | University of Wisconsin |
| Florida State University | Villanova University |
| Georgetown University | Virginia Commonwealth University |
| Millersville University | Washington University in St. Louis |
| New York University | West Chester University |
| North Carolina State University | Widener Commonwealth Law School |
| Northeastern University | William James College |
| Northwestern University | |
| Pennsylvania State University | |

Medical Schools

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| Arkansas College of Osteopathic Medicine | Penn State University College of Medicine |
| Cooper Medical School of Rowan University | Philadelphia College of Osteopathic Medicine |
| Drexel University's College of Medicine | Salus University School of Optometry |
| Edward Via College of Osteopathic Medicine | Temple University School of Medicine |
| Jefferson Medical College | West Virginia School of Osteopathic Medicine |
| Lake Erie College of Osteopathic Medicine | West Virginia University School of Medicine |
| Liberty University College of Osteopathic Medicine | William Beaumont School of Medicine |
| NYU Langhorne Health School of Medicine | |