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#### FROM THE ASSOCIATE DEAN FOR RESEARCH AND FACULTY DEVELOPMENT, SUSAN D. MCMAHON, PHD



There are many exciting research-related events, honors, and successes in the College of Science and Health. Here are a few highlights since our last newsletter in October.

- We received 15 new external grants totaling over \$452k, including Bernadette Sanchez (Psychology, \$142k), Carolyn Narasimhan (STEM, \$98k), and Orson Morrison (FCS, \$69k);
- We received 9 of 11 DePaul-RFUMS Collaborative Research Grants ranging from \$90-\$140k and totaling over \$788k;
- Twenty-one faculty received Faculty Summer Research Grants
- Fourteen faculty received URC grants;
- Suzanne Bell and LaVome Robinson were selected to receive Excellence in Research Awards;
- Our DePaul Discoveries journal has yielded 12,630 downloads across 141 countries for the first 5 issues. Our 6<sup>th</sup> issue will include 9 articles – stay tuned for publication later this spring!
- 88 CSH Students presented 80 posters and 13 oral presentations at the 2016-2017 Undergraduate Research Showcase.
- Our Undergraduate Summer Research Program stipend rates are going up from \$1500 to \$2000;
- Eleven undergraduate students will engage in the Rosalind Franklin Summer Research Program and 13 students in the Dean's Undergraduate Fellowship Program;
- Prior to applying, check out our current forms and instructions for URAP (Undergraduate Research Assistant Program), USRP (Undergraduate Summer Research Program), FSRG (Faculty Summer Research Grant), and DePaul Discoveries at [csh.depaul.edu/research](http://csh.depaul.edu/research).

Congratulations to CSH faculty, staff, and students for your many accomplishments! Please take a look at the newsletter to learn more about some of our many achievements and opportunities.

## UPCOMING STUDENT AND FACULTY DEADLINES

**April 24** - Undergraduate Research Assistant Program Applications due by 5 PM.

The Undergraduate Research Assistant Program (URAP) connects undergraduate students with faculty research. Apply [here](#).

## UPCOMING STUDENT AND FACULTY EVENTS

**April 8-** Illinois Pre-Health Day, Student Center, 9am-4pm

Illinois Pre-Health Day will bring together admissions professionals, advisors, and pre-health students from across the state and region for a daylong conference. Best practices in becoming a competitive applicant and opportunities to network with admissions counselors will be offered.

**April 10-** CSH & LAS Associate Professor Workshop, McGS 404, 3-4:30 pm

This workshop is to discuss experiences of going up for Full Professor and any questions about the process. Timothy Sparkes (Biology) will be a featured speaker.

**April 18-** Spring Quarter College Meeting, McGS 105 3:15-5 pm

In addition to other agenda items, Caitlin Karver (Chemistry) and Elizabeth Florez (Nursing) will give 5 minute research presentations. There will be food, beer, and wine following the meeting.

**April 19-** Jeff Vandermeer Lecture, McGS 108. 6:30pm

"Area X: Environmental Storytelling in the Age of Trump and the Anthropocene"

**April 22-** March for Science Chicago, 10am

**April 29-** Chicago Area Undergraduate Research Symposium, Roosevelt University 9am-5pm. Register as an observer here:

<http://www.caurs.com/symposium.html>

**May 11-** Spring Quarter Colloquium, MCGS 404 12-1:15pm

Young-Me Lee (Nursing) and Jeff Bergen (Mathematics) will be presenting research conducted with FSRG funding support. Lunch will be provided. Please RSVP to [cshresearch@depaul.edu](mailto:cshresearch@depaul.edu).

**May 30-** Psych Night, Student Center Rm. 120, 4:00-6:30 pm

**June 2** - Environmental Science and Studies Annual Symposium

**June 3** - Annual CSH Honors Celebration, Student Center, 10:30 am



## CONGRATULATIONS TO CSH EXCELLENCE IN RESEARCH AWARD RECIPIENTS!

### Mid-Career Excellence in Research Award: Suzanne Bell



Dr. Bell is an Industrial/Organizational Psychologist who joined DePaul as an Assistant Professor in 2004. Since that time, Dr. Bell has been awarded \$900,462 in external funding and her works have been cited over 3,100 times according to Google Scholar. She is highly sought after nationally and internationally on issues pertaining to research including serving on the editorial boards of three excellent journals, and reviewing for NSF, NASA, and the Swiss National Science Foundation. Dr. Bell's research interests involve the strategic staffing of organizations, training and employee development, and maximizing team effectiveness. The majority of her current research focuses on how the mix of team members, or team composition, relates to team effectiveness. Her expertise has led to NASA-funded research in which she and her collaborators are creating a predictive team composition model for long-distance space exploration such as Mission to Mars. She has published 22 peer-reviewed journal

articles and book chapters, many in the top journals in her field. In addition to the national and international impact of her work, she has also had a significant impact on her students, providing strong mentoring to students who have secured top academic jobs.

### Excellence in Research Award: LaVome Robinson



Dr. Robinson is a Clinical-Community Psychologist who joined DePaul University in 1980. Her research career spans over 35 years and has been focused on school-based preventive interventions for low-income, urban African American youth. In that time, Dr. Robinson has been awarded over \$12.8 million (\$4.053 million as Principal Investigator and \$8.765 million as Co-Investigator) in external funding from sources including the National Institute of Mental Health, National Institute of Child Health and Human Development, Department of Housing and Urban Development, and Spencer Foundation. She has developed and tested violence prevention and depressive prevention interventions that assist at-risk youth in developing effective coping skills that are culturally integrated thereby facilitating their adaptation and sustained effectiveness. Her NIH work evaluating the effectiveness of school-based health centers in Chicago helped to institutionalize school-based health centers in Illinois. Dr.

Robinson has published 43 peer-reviewed articles and book chapters, and her work is undeniably valuable because of its quality, innovation, and impact. Dr. Robinson consults nationally on issues pertaining to cultural diversity and mental health services, has reviewed grants for NIH, CDC, and Spencer Foundation, and served as member of the APA Board of Scientific Affairs.

## FACULTY, STAFF, AND DEPARTMENT AWARDS AND HONORS



**Ahmed Zayed** (Mathematics) was appointed chair of SampTa Steering Committee. SampTa stands for the Sampling Theory and Applications and it is an international biennial interdisciplinary conference for mathematicians, engineers, and applied scientists.



The Department of Mathematical Sciences has been selected as one of 12 case study sites nationwide for the Mathematical Association of America's study of *Progress Through Calculus* which will focus on the effects of various structural, curricular, and pedagogical factors on student success in mainstream Pre-Calculus through Calculus II.



**James Scheidhauer** (Physics) was selected as one of three of the first-ever awards for the innovative use of the Art Institute in a First Year Program Course for his Discover Chicago class,

LSP110.



**Eric Landahl** (Physics) accepted appointment as Chair of a standing Proposal Review Panel for Argonne's Advanced Photon Source beginning March 2017.



The Physics Department was selected as a Bridge Partnership Institution

by the American Physical Society. This program aims to increase the number of underrepresented minorities obtaining PhD's in Physics.



**Jesus Pando** (Physics) was named to the Committee on Minorities of the American Physical Society. In this capacity he conducted racial training sessions at the National Mentoring Community conference.



**Molly Brown's** (Psychology) online class "Alcoholism, Drug Addiction, and Recovery" was awarded a Quality Matters Gold Star.



**Bernadette Sanchez** (Psychology) was invited to present at a congressional briefing of the White House's My Brother's Keeper Caucus.



**Suzanne Bell** (Psychology) was appointed as the membership chair for the Society of Industrial and Organizational Psychology.



**Goran Kuljanin** (Psychology) was selected to serve a two-year term on the Scientific Affairs Committee of the Society for Industrial and Organizational Psychology.



**Ida Salusky** (Psychology) has been selected for Latino Research Fellowship. Arboriculture.



**Susan McMahon** (Psychology) has been selected as a Fellow of the Midwestern Psychological Association.



**Theresa Luhrs** (Psychology) has been selected for the Gerald Paetsch Advising award from DePaul. The award will be given at Fall Convocation.



**Gloria E. Barrera** (School of Nursing) was recognized and acknowledged as one of this year's 40 Under 40 Emerging Nurse Leaders in Illinois.



**Joseph Tariman** (School of Nursing) was inducted as a Fellow into the American Academy of Nursing for significant contributions in myeloma nursing practice.



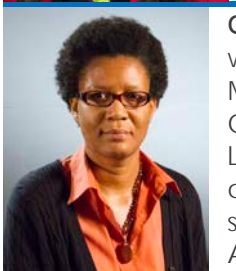
**James Montgomery** (Environmental Science and Studies, Health Sciences) was elected as Chair of the Urban and Anthropogenic Soils Division of the Soil Science Society of America.



**Jess Vogt** (Environmental Science and Studies) is Vice Chair to be followed by a 3-year term as Chair of the Science and Research Committee for the International Society of



**Mark Potosnak** (Environmental Science and Studies) was elected to be a vice co-chair of the next Gordon Research Conference on Biogenic Hydrocarbons and the Atmosphere



**Quinetta Shelby** (Chemistry) was honored with the Marian Wilson Comer Outstanding Service and Leadership award for her commitment to mentoring students in STEM at the 23rd Annual Spring Symposium in

STEM, hosted by the Illinois Louis Stokes Alliance for Minority Participation.

## DePaul's Statistical Consulting Center

The SCC provides expert statistical assistance in all stages of quantitative research including:

- Designing experiments or surveys and sampling design
- Programming and using appropriate software for data analysis
- Assisting with analysis of data and interpretation of analysis
- Writing up the statistics section of grant proposals
- Refers to statistical specialists when required

Schedule an appointment or request further information:

Contact Information:

Email: [scc@depaul.edu](mailto:scc@depaul.edu)

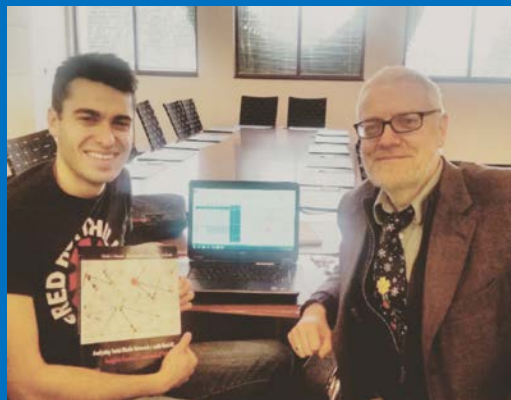
Fax Number: (773) 325- 7807

Phone Number: (773) 325- 4054

**If you need statistics help, make sure to rely on DePaul's expertise! Call the Statistical Consulting Center!**

## A Feel Good Story from the College of Science and Health

Liam Heneghan, Chair of the Environmental Science Department, and his son, Oisín who is a student at DePaul majoring in Economics with a minor in Environmental Science have just recently published together. They did an analysis of the use of social media by restorationists. Their work is being published as a chapter titled “Fewer Than 140 Characters” in the Routledge Handbook of Ecological and Environmental Restoration.



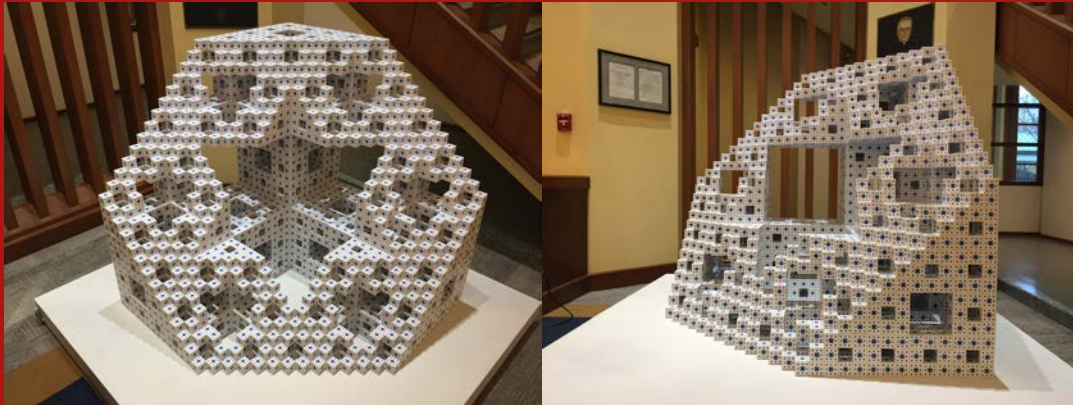
### DEPAUL'S PUBLIC HEALTH SCHOLAR BOWL TEAM

DePaul's Health Science Public Health Scholar Bowl team competed on March 31<sup>st</sup> at St. Louis University (SLU). The team of seven students (Jessie Bosshard, Dylan Dixon, Lakerrie Forrest, Alexis Gonzalez, Hope Herten, Maddie Ireland, and Ema Mujic) and two faculty coaches (Dr. Michele McCay and Dr. Douglas Bruce) have prepared during winter quarter to hone their public health knowledge and skills for the competition. This is the first year that DePaul University has had a team to compete in the competition. Students from the Department of Health Sciences joined more than 15 universities from across the country in the competition. The competition included a Case Study presentation and Quiz Bowl. While they did not win the overall competition, our team won 3 out of 4 rounds of the quiz bowl--including beating last year's overall winner (University of Alabama at Birmingham) and the host university (SLU). Congratulations!



## MENGER SPONGE

The Math Club Menger Sponge origami project was completed over the course of eight months (May to December) with the help of dozens of people: students, faculty, friends, and family. The final result is built out of around 35,000 folded business cards, using no tape, glue, or fasteners of any kind. It stands nearly 5 feet tall and weighs about 120 pounds.



The Menger Sponge sculpture project was a big accomplishment and interdisciplinary (art + math) project. It is a form of public outreach (being on display in the library afforded lots of one-on-one conversations about math this fall with people who wouldn't normally think about things like exponential growth and decay).

### Internal Grant Recipients

#### **Quality of Instruction Council Grants:**

- Eiron Cudaback
- Susan Fischer
- William Gilliland
- Matthew Sorenson

#### **University Research Council Grants:**

- Windsor Aguirre
- Margaret Bell
- Bala Chaudhary
- Timothy French
- Phillip Funk
- Kathryn Grant
- Kyle Grice
- Jessica Jerome
- Caitlin Karver
- Jalene LaMontagne
- Eric Norstrom
- Christine Reyna
- Shannon Simonovich
- Timothy Sparkes

### **EXCITING NEWS AND INNOVATION IN THE COLLEGE**

- With funding from the Illinois Space Grant, STEM has developed a hands-on robotics component for the 2017 STEM 409 course (Mathematical Methods for Middle School Teachers) to further align the program with the Next Generation Science Standards and to enhance the skills of the teachers in the program
- David Allbritton (Psychology) is experimenting with the use of a free online textbook in Intro Psych, to be evaluated in 2017. Open Educational Resources could make higher education more accessible if this becomes a standard practice.
- Chemistry created videos of concepts explanation and sample problem solving and online quizzes at a website for DePaul students to access freely to help students better prepare for the Chemistry Placement Test.
- Chemistry Acquired a LC-MS spectrometer (\$100 k) in response to increasing industry expectation for graduates to receive training in modern instrumentation.
- Four Math faculty members attended a weeklong workshop on Inquiry Based Learning, hosted by the Academy of Inquiry Based Learning at Cal Poly San Luis Obispo, California, to learn how to implement the new methodology at DePaul.

## 2017 FACULTY SUMMER RESEARCH GRANT RECIPIENTS

- Margaret Bell
- Molly Brown
- Joanna Buscemi
- Bala Chaudhary
- Stanley Cohn
- Eiron Cudaback
- John V. Dean
- Timothy French
- William D. Gilliland
- Verena Graupmann
- Christie Klimas
- Eric Landahl
- Yiou Li
- Cecilia Martinez-Torteya
- Christine Reyna
- Charles M Rubert Pérez
- Anne Saw
- Anuj P. Sarma
- Timothy Sparkes
- David Sher
- Sandra Virtue

## CSH DEPAUL-RFUMS COLLABORATIVE GRANT RECIPIENTS

**John Dean** (Biology) and RFUMS colleague Jun-Yong Choe have been awarded \$140,435 for their project entitled "Glucose conjugation and vacuolar transport of salicylic acid in plants."

**Dorothy Kozlowski** (Neuroscience) and RFUMS colleagues Robert Marr, Grace Stutzmann, Daniel Peterson, and Janice Urban have been awarded \$140,435 for their project entitled "*Hippocampal dysfunction and repair following repeat concussions.*"

**Matthew Sorenson** (Nursing) and RFUMS colleagues, Joseph Reynolds, and David Everly have been awarded \$140,435 for their project entitled "*An evaluation of viral prevalence and activity in patients with multiple sclerosis.*"

**Sarah Connolly** (Biology) and RFUMS colleague John Buolamwini have been awarded \$93,618 for their project entitled "*Development and characterization of small molecule inhibitors of herpesvirus entry into cells.*"

**Kathryn Grant, Jocelyn Carter** (Psychology), and RFUMS colleague Joanna Dabrowska have been awarded \$93,623 for their project entitled "*Social buffering of stress, fear and anxiety-Translational approach.*"

**Kyle Grice** (Chemistry) and RFUMS colleagues Gulam Waris and Shivaputra Patil have been awarded \$89,942 for their project entitled "*Elucidation of the mechanism of chromenopyridine and metal complex-based inhibition of hepatitis C virus propagation and liver fibrosis.*"

**Jinjing Kipp** (Biology) and RFUMS colleague Cal White have been awarded \$93,623 for their project entitled "*Vasculature dysfunction as a cause of impaired ovulation in polycystic ovary syndrome.*"

**Elizabeth Moxely** (Nursing) and RFUMS colleagues Stephanie Wu and Marc Glucksman have been awarded \$92,360 for their project entitled "*Biomarkers of wound healing in chronic diabetic patients.*"

**Susan Tran, Joanna Buscemi** (Psychology), and RFUMS colleagues Rachel Greenly and Steven Miller have been awarded \$90,483 for their project entitled "*Psychosocial stressors and physical health symptoms predicting health behaviors among undergraduate students.*"



## FACULTY EXTERNAL GRANT AWARDS

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The William T. Grant Foundation has awarded \$142,298 to **Bernadette Sanchez** for a project entitled "Race Equity and Social Justice in Youth Mentoring." This project is not only focused on addressing race equity in youth mentoring but in understanding how the mentoring field can address issues of social justice.

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The Children First Fund has awarded \$97,990 to **Carolyn Narasimhan** for the "Chicago P12 Math Collaborative Expansion Project." DePaul University will partner with the Chicago Public Schools (CPS) Department of Mathematics and one CPS network during the 2016-17 academic year to support the work of professional development and in-classroom mathematics coaching for the participating network.

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The Chicago Board of Education has awarded \$69,000 to **Orson Morrison** for a project entitled "Healing Trauma Together." DePaul University's Family & Community Services Program will provide experienced therapists to deliver trauma-informed TIER 3 counseling services in 10 schools within the Chicago Public Schools. In addition, Family & Community Services will provide experienced therapists to deliver Child-Adult Relationship Enhancement (CARE) trainings to the 10 treatment schools.

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The Simons Foundation has awarded \$35,000 to **Christopher Drupieski** for a research project entitled "Cohomology and Support Varieties." This research project focuses on the representation theory and cohomology of algebraic (super) groups, Lie (super) algebras, finite (super) group schemes, and related algebraic structures. Other topics include cohomology calculations in categories of functors (namely, strict polynomial functors, and strict polynomial superfunctors), and the application of these results to prove that various cohomology rings are finitely-generated algebras.

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**Matthew Sorenson** has received a subaward for \$20,498 from Ann & Robert H. Lurie Children's Hospital of Chicago to collaborate on a project entitled "Remember MenB: Impact of Healthcare Provider and Patient Education on Awareness and Understanding of MenB Disease and Vaccine Recommendations and Impact on Increasing Vaccination Rates." As part of this project, Dr. Sorenson will participate in revision and development of an assessment measure and aid in the implementation and evaluation of the planned intervention. The subaward is funded by a grant to Lurie Children's Hospital from Pfizer Pharmaceutical Company.

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The National Science Foundation, via a subaward from Chicago State University, has awarded \$18,000 to **Carolyn Narasimhan** for the "Stokes Alliance for Minority Participation 2016-17." The Louis Stokes Alliance for Minority Participation (LSAMP), a program funded by the National Science Foundation, assists colleges and universities in transforming education in science, technology, engineering, and mathematics (STEM) disciplines through innovative recruitment and retention strategies and experiences in support of groups historically under-represented in STEM disciplines. This award will provide research and professional development opportunities to a number of DePaul STEM undergraduates.

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Via a subaward from Wake Forest University, the National Science Foundation has awarded **Katherine Thompson** \$17,650 for the "Wake/Davidson Experience in Number Theory Research." This project, to be conducted during the summer of 2017, will focus on eight undergraduate students. Project activities will take place at or near the Wake Forest University campus in Winston-Salem. Katherine Thompson, Assistant Professor of Mathematical Science, will contribute to the project in multiple ways that include screening potential student participants, designing suitable research problems for the eight students selected, guiding the students in the writing of research papers based on their work, and facilitating dissemination of the papers

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**Jess Vogt** has been awarded \$14,529 via a sub award from Ball State University, by the TREE Fund (Tree Research and Education Endowment), entitled "Evaluating Virtual Street Tree Surveys as a Tool for Municipal Forest Management" (<http://www.treefund.org/archives/12936>). This project, which commences summer 2017, will aim to evaluate the efficacy (in terms of cost, time, labor, accuracy) of using Google Street View as a street tree inventory tool.

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Via a subaward from Ball State University, the Tree Research and Endowment Fund has awarded \$12,744 to **Jessica Vogt** for "Evaluating virtual street tree surveys as a tool for municipal forest management." This project will build upon existing research to improve our understanding of the possibilities and limitations of conducting virtual street tree surveys in Google Street View. It will enlist analysts ranging from experts to novices to conduct virtual surveys to record basic tree attributes, and their performance will be evaluated against field data from the same set of streets. The results will provide guidance for communities considering implementing this innovative approach for generating street tree inventory data.

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**Joanna Buscemi** has received a subaward for \$7,945 from the University of Illinois at Chicago (UIC) to collaborate on a project entitled "An e-Health Intervention to Improve Symptom Burden and HRQOL among Hispanic Women Completing Active Treatment for Breast Cancer." The project is a pilot study that aims to create and evaluate Mi Guia (My Guide), a culturally informed eHealth educational and psychosocial intervention for English or Spanish-speaking Hispanic women completing treatment for breast cancer. DePaul University will co-develop the application content for the Mi Guia smartphone application, assist in the development of the application and of the in person and phone coaching protocols, provide training sessions for UIC phone coaches, and provide ongoing clinical support. Dr. Buscemi's subaward is funded via a grant by to UIC by the National Institutes of Health.

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The Chicago Board of Education has awarded \$7,500 to **Orson Morrison** for "Social Emotional Learning Services for Nixon Elementary." DePaul University's Family & Community Services Program will deliver a range of social, emotional, and learning services, including parent training, meetings with behavioral health staff, coordination of services for students in need of targeted support, and assistance to the school's Behavioral Health Support Team.

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The Chicago Chapter of the Oncology Nursing Society has awarded \$6,000 to **Joseph Tariman** for "Development and Testing of Cancer Treatment Shared Decision Making Scale for Nurses." This research study will utilize a descriptive, online survey design to examine the factors and variables that affect the participation of nurses in a Shared Decision Making (SDM) approach to cancer treatment. The results will aid in understanding and resolving barriers to nurses' participation in the process and will inform the design of educational interventions that can improve nurses' competency with SDM.

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Over the last three years, the Physics Education Research Leadership and Organizing Council (PERLOC) of the American Association of Physics Teachers have awarded \$3,500 through their "Innovation and Community Resource" grants to **Mary Bridget Kustusich**, Physics, and her collaborators, Scott Franklin (Rochester Institute of Technology) and Eleanor C. Sayre (Kansas State University), for a program designed to help emerging and established education researchers develop their qualitative research skills and to provide a community for collaborative research. The program, IMPRESS Education Research Squad (IMPRESSERS), has two components: a two-week intensive professional development workshop during the summer and a distributed research group that virtually meets throughout the academic year. In three years, they have had participants from 14 institutions and three countries, including faculty, postdocs, graduate and undergraduate students. PERLOC's

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"Innovation and Community Resource" grants are designed to help bring new people into the community, help peripheral participants become more central, and/or support and encourage diversity within the PER community. Thus, the funding is used to provide partial support to IMPRESSER participants for the summer workshop.

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The Huron Mountain Wildlife Foundation has awarded \$2,448 to **Jalene LaMontagne** for research focusing on "Mast seeding dynamics in the southern range of a boreal forest species." Mast seeding is the synchronous and highly variable production of seed crops by a plant population. It is an important phenomenon in forest communities because annual seed production has dramatic effects on the population of organisms that depend on the seed as food (e.g., insects, mammals, birds). It also influences forest regeneration. The overall research goals for this project are to understand the causes and consequences of individual variation in seed production on the population phenomenon of mast seeding, as well as the influence of climate change on white spruce (*Picea glauca*) seed production, seedling growth, and survival near its southern range limit.

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The Society for Personality and Social Psychology has awarded \$1,500 to **Kimberly Quinn** for a research project entitled "Physical Environment Connectedness and Wellbeing." Self-other connectedness promotes a variety of positive outcomes, but what happens when the "other" is the physical environment? This experiment will test the hypothesis that while walking and listening to music (to promote self-expansion), participants who attend to the physical environment will show greater sense of place and higher well-being than participants in baseline self-focus or baseline conditions, and that this relationship will be mediated by a sense of physical self-environment connectedness.

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### Black Creativity Career Showcase



Two of DePaul's McNair Scholars, Trevor Grand Pre (left) and Kevin Quin (right) presented at the Museum of Science and Industry's Black Creativity Program.

Trevor Grand Pre developed his summer research project at U.C. Berkeley Department of Physics, examining equilibrium statistical mechanics, in which many quantity measures, such as pressure, entropy, and averages can be computed from the partition function. His work aims to understand processes that help to define any of these quantities as out-of-equilibrium. Kevin Quin's McNair Scholars summer research was conducted at the University of Columbia. The project uses a content analysis approach of artistic pictures to examine the intersections of race, gender, and sexuality in public health campaigns promoting HIV prevention medication. The project seeks to give voice to marginalized communities through scholarship reflections.



museum of  
**science+industry**  
chicago

## ALUMNI AND STUDENT SUCCESSES

**Carlo Becerra, Cassie Cisneros, and Brenda Pacheco** students in the Masters Entry to Nursing Practice (MENP) program were awarded \$1500 scholarships from the National Association of Hispanic Nurses-Illinois Chapter.

**Draycen DeCator**, a Clinical-Child Psychology doctoral student, matched with his first choice clinical internship site, Boston Children's Hospital/Harvard Medical School.

**Amy Anderson**, a Community Psychology doctoral student, was selected for the 2017 Policy & Advocacy Summer Fellowship (full-time paid internship) by the Leadership Educational Equity.

**Andrae Laws**, a Community Psychology doctoral student, was awarded a 2017 Emerging Scholars Fellowship and was named the Stephen C. Rose Legacy Scholar.

**Crystal Steltenpohl**, a Community Psychology doctoral student, has secured a tenure track Assistant Professor position at the University of Southern Indiana for the upcoming school year.

**Shannon Williams**, a Community Psychology doctoral student, has completed the DePaul Teaching Commons Teaching & Learning Certificate Program.

**Nicolas Santiago**, a senior Physics major, was honored with a Student Presentation Award for his research entitled, "Chinese Archaeomagnetism" which he presented at SACNAS 2016: The National Diversity in STEM Conference.

The following students earned top honors in their respective research categories at the 23rd Annual Spring Symposium in STEM, hosted by the Illinois Louis Stokes Alliance for Minority Participation (LSAMP):

**Cesar Saucedo**, Junior, Chemistry  
First Place – Chemistry Oral Presentation

**Amira Affenah**, Senior, Biology  
First Place – Biology Oral Presentation

**Nicolas Santiago**, Senior, Physics  
Second Place – Physics Oral Presentation

**Fabricio Marin**, Senior, Physics  
Second Place – Engineering Poster Presentation

**Michael Shah**, Junior, Physics  
First Place – Physics Oral Presentation  
First Place – Physics Poster Presentation

**Brandon Roman**, Senior, Biology/Chemistry  
First Place – Molecular Biology Poster Presentation

**Cesar Saucedo** received the American Chemical Society Scholars Scholarship.

**Asa Arreola-Hester** was awarded the POLYED (Polymer Education) Award by the American Chemical Society/Joint Polymer Education Committee for Outstanding Performance in Organic Chemistry.

**Lauren Bejcek** received the Chemist of the Year award Sponsored by the American Institute of Chemists Foundation and the Analytical Chemistry Award Sponsored by the American Chemical Society.

**Srirajkumar Ranganathan** received the CRC Press General Chemistry Achievement Award.

**Anthony Lawando** received the American Chemical Society Undergraduate Award in Organic Chemistry and the Merck Index Award.

CHICAGO  
ACADEMY OF  
SCIENCES



## SNAKE HANDLER WANTED (INTERNSHIP)

The Notebaert Nature Museum is looking for an avid snake handler. The museum has posted a position for a field intern to work on a regional snake conservation project, primarily in north-suburban Lake County. Tasks will include handling, catching, identifying, measuring and marking small non-venomous snakes, as well as swabbing snakes and amphibians for disease surveillance. The position is a summer internship and is open to students in the sciences. More information [here](#).

## NEW STAFF AND FACULTY RE-APPOINTMENTS



**Jennifer Wronkiewicz**, is our new Assistant Dean for Finance and Administration.



**Margaret Silliker** has been appointed chair of the Biological Sciences Department.



**Liam Heneghan** has been re-appointed as chair of the Environmental Science Department.



**Jesus Pando** has been re-appointed as chair of the Physics Department.

We would like to thank you for your contributions to the Department, College, and University! We will be taking ideas for features, honors, awards, events, and news regarding what is happening in the college on an ongoing basis. The information you send can be included in the CSH newsletters and Annual Report. If you have items you would like included, please send them to [cshresearch@depaul.edu](mailto:cshresearch@depaul.edu).



DEPAUL UNIVERSITY

COLLEGE OF  
SCIENCE AND  
HEALTH

Research and Faculty Development Spring 2017 Newsletter