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DEAN AND PROFESSOR  
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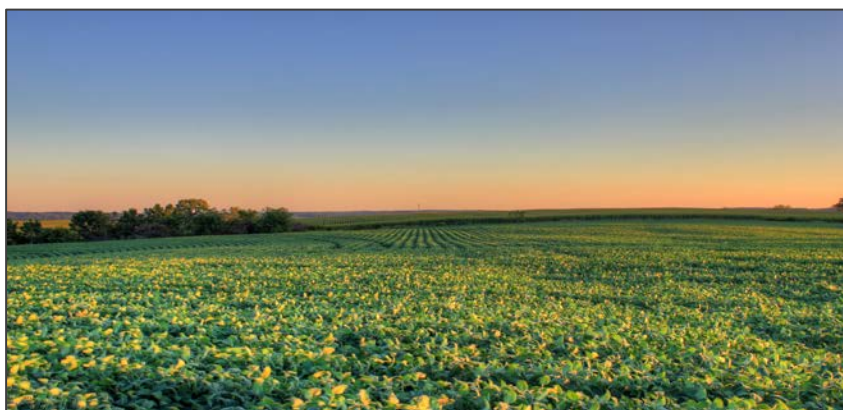
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### WELCOME

Midwest farmers know that good seed, the appropriate fertilizer, and good weather conditions combine to yield the best crops. However, conditions for a good yield are sometimes not predictable. Good monitoring and adjustments to the planned approach may be required. This cycle of planning and adjusting has been a driver for progress at the College of Science and Health and remains essential to our future success.



In this issue of our newsletter, I take pleasure in sharing the college's accomplishments linked to the university's Vision 2018 strategy, as well as highlighting features of the college's future direction. This issue also showcases some of the many students, faculty, and staff that I proudly call my collaborators in advancing the college and university.



# COLLEGE OF SCIENCE AND HEALTH WINTER HIGHLIGHTS

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## CSH Highlights Vision 2018 Goal Achievements for 2017-2018

As we begin to address a new strategic plan, CSH can reflect with pride on our activities as *Vision 2018* draws to a close. Much of the work toward these goals developed in response to emerging student interests and CSH strategic priorities. We have many programs, activities, and initiatives to showcase, as well as applauding the high quality and professional attainment of our faculty and staff. Examples of recent accomplishments include:

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### Goal 1: Enhance Academic Quality and Support Educational Innovation

- The new Biochemistry major offered for the first time by the renamed Department of Chemistry and Biochemistry attracted more than 320 freshman applicants. The department also offers a new general chemistry sequence, in which students with academic need have an option to take a six credit-hour version offering extra time to ask questions and practice problems with an instructor present in a small classroom environment.
- In a joint effort with Public Policy Studies (LAS), the Department of Environmental Science and Studies launched a new minor in Climate Change Science and Policy during autumn quarter 2017.
- The Department of Mathematical Sciences started a new BA degree in Data Science.
- A new Healthcare Concentration in Psychology (Bachelor of Science degree) has begun and a new specialization in the Community Psychology undergraduate major is being added, Trauma and Crisis Intervention.

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### Goal 2: Deepen the University's Distinctive Connection to the City of Chicago

- The Family and Community Services Center achieved Strategic Vendor Status with Chicago Public Schools to provide Social Emotional Learning Services across the CPS district through June 30, 2020.
- **Sheila Krogh-Jespersen, Ph.D.**, and **Kimberly Quinn, Ph.D.**, Department of Psychology, began a research partnership with the Museum of Science and Industry to investigate awe and engagement at the museum. This work has expanded to include the Shedd Aquarium, Lincoln Park Zoo, and Museum of Contemporary Art, with agreements in principle from the Art Institute of Chicago and DePaul Art Museum for future involvement.
- **Dorothy Kozlowski, Ph.D.**, Department of Biological Sciences and Director of the Neuroscience Program, developed a new partnership/collaboration with faculty from Social Work and CDM along with a community partner, the Chicago Metropolitan Battered Women's Network, on the intersection of brain injury and domestic violence.

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### Goal 3: Strengthen our Catholic and Vincentian Identity

- The Department of Environmental Science and Studies worked with Catholic Relief Services to host a speaker from Malawi on Sustainable Development and Agriculture.
- **Kyle Grice, Ph.D.**, Department of Chemistry and Biochemistry, was awarded an "Explore Your Purpose" (EYP) grant to incorporate the EYP learning outcomes and assessments into his study abroad course. This will enable students to reflect on their vocation and the Vincentian mission during and after their transformative study abroad program.

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### Goal 4: Foster Diversity and Inclusion

- In an effort to expand access to quality behavioral health services to Latinx families, the Family and Community Services Center trained six Spanish-speaking graduate students to offer services in Lincoln Park and at public schools serving the Latinx community.
- CSH created a new Faculty Research Fellowship in collaboration with the Center for Access and Attainment. This fellowship will provide a unique opportunity to support a faculty member to study issues related to college retention and adjustment of students from under-represented groups.
- CSH created a new Faculty Mentorship Fellowship in collaboration with the McNair Scholars program. This fellowship will support CSH faculty to mentor McNair Scholars in research.
- Psychology students started a DePaul chapter of the American Psychological Association's Division 45 (Society for the Psychological Study of Culture, Ethnicity, and Race).

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### Goal 5: Ensure a Business Model that Builds the University's Continued Strength and Educational Excellence

- Utilized operational savings to increase funding for the Dean's Undergraduate Summer Fellowship, freeing gift funds to start an endowment for ongoing support of the program. This fellowship pays undergraduate student participants to work in research labs of non-profit Chicago institutions during the summer.
- Pooled unit resources in order to fund major projects/initiatives, such as replacing the compressors for cold rooms in McGowan North.

### A CONTINUATION OF CSH ACADEMIC QUALITY

#### Department of Psychology Signs Academic Program Review Memorandum of Understanding

In addition to review by the American Psychological Association for accreditation, the DePaul University Academic Program Review (APR) Committee also reviewed the Department of Psychology this year in a different process. This APR and program self-examination is a rigorous and often challenging process that helps to ensure continuation of high quality academic programs and teaching excellence for our students. The process of self-reflection and data collection is familiar to psychologists, who routinely assess programs, gather data, identify strengths and areas for improvement, and work to improve the excellent programs we have.

During the program review, process data is collected and the department critically analyzed, with a lens on academic development and assessment, career

paths for students, academic priorities, potential new program development, and the human, financial, advising, research, and physical resources needed to support those efforts. As a consequence of this review, the Department of Psychology developed plans and priorities for the future and codified its commitment to these goals through the signing of a Memorandum of Understanding (MOU) with the APR. Associate Provost for Student Success and Accreditation **Caryn Chaden, Ph.D.** and Director of Academic Program Review **Christopher Worthman, Ph.D.** joined with CSH Dean **Gerald P. Koocher, Ph.D., ABPP**, Psychology Department Self Study Team Chair **Jerry Cleland, Ph.D.**, and Department of Psychology Chair **Alice Stuhlmacher, Ph.D.** to sign the agreement. Though not present at the ceremony, Provost **Marten denBoer, Ph.D.** also signed the MOU.

Academic quality is a cornerstone of the teaching excellence, curricular improvement, pedagogical innovation, scholarship, research, and national and international reputation distinctive of the Department of Psychology's program. "It is so important to make the time to reflect. The Academic Program Review was a wonderful opportunity to study what Psychology does well and plan how we can be better. I am so proud of all the good work of the department and look forward to even more in the future," said Dr. Stuhlmacher.



Jerry Cleland, Ph.D., Caryn Chaden, Ph.D., Christopher Worthman, Ph.D., Gerald P. Koocher, Ph.D., ABPP, and Alice Stuhlmacher, Ph.D.

# COLLEGE OF SCIENCE AND HEALTH WINTER HIGHLIGHTS

## Department of Psychology Announces Clinical Internship Match Results

The Department of Psychology announced the national internship match results for the 2018-2019 cohort of clinical students. The year-long full-time internship is a degree requirement and placements are highly competitive, requiring a complex application and interview process. Director of Clinical Training and Associate Professor of Psychology **Jocelyn Carter, Ph.D.** indicated our students are well-prepared and compete successfully for top positions because of all the support and training they receive from their faculty mentors, instructors, staff, and peers. Congratulations to our students, who matched at the following internship sites:



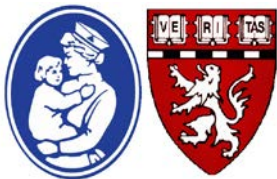
**Jessica Arizaga**  
University of Chicago  
Medicine



**Julie D'Amico**  
Christine Mailman  
Center for Child  
Development/University  
of Miami



**Caleb Figge**  
Children's Hospital of  
Philadelphia



**Ana Goya Arce**  
Harvard Medical  
School/Boston Children's  
Hospital



**Tiamo Katsonga-Phiri**  
Aurora Community  
Mental Health Center



**Elizabeth McConnell**  
University of Oregon



**Samantha Reaves**  
Yale University  
Psychiatry



**Linda Ruiz**  
VA Maryland  
HCS/University of  
Maryland School of  
Medicine



**Christina Soibatian**  
Pennsylvania Hospital



**Carolyn Turek**  
Children's Hospital of  
Orange County



**Crystalia Weidner**  
National Psychology  
Training Consortium,  
Great Lakes Region



## COLLEGE OF SCIENCE AND HEALTH WINTER HIGHLIGHTS

### The Department of Chemistry and Biochemistry Launches New Seminar Series



In January, the Department of Chemistry and Biochemistry commenced a new bi-weekly Chemistry Seminar Series, organized by **Charles Rubert Pérez, Ph.D.** The series features presentations by professors from DePaul and other universities, undergraduate and graduate students, post-doctoral fellows, and professionals in the field. The subjects are purposefully varied: the first seminar was a crash-course

on cryo-EM, the powerful technique that was central to the [2017 Nobel Prize in Chemistry](#), and subsequent seminars during the winter quarter included a thesis defense from undergraduate Chemistry and Biochemistry student **Amanda East**, lectures on organometallics and catalysts from Loyola University professors James Devery, Ph.D. and Hee Yeo Cho, Ph.D., and a seminar on aerosol spectroscopy hosted by **Rick Niedziela, Ph.D.**

#### **INTERVIEW WITH CHARLES RUBERT PÉREZ, PH.D.**

##### **Why did you decide to organize this new series of seminars?**

I believe there are great research projects being performed in chemistry. Therefore, in an effort to spark the interest of students in pursuing undergraduate research and graduate programs, I wanted to revive the Chemistry Seminar Series. I believe this series promotes engaging scientific discussions about research being performed in the department and at other institutions. I also want students to be exposed to the kinds of things people are currently doing in the field so they can have a better idea of what types of career they can pursue when they graduate.

##### **What makes this series different from past Chemistry events?**

This seminar series is not only for professors who want to talk about their research, but it is also open for undergraduate and graduate students. We also plan to invite chemistry professionals and post-doctoral fellows to talk about their work. During the winter and spring quarters, we currently have an undergraduate student, local professors from other universities, a military research chemist, a graduate student, and a post-doctoral fellow scheduled to present.

##### **How do you decide on topics/speakers for each seminar?**

Anybody in the field of chemistry is welcome to present. I also suggest to presenters that they do not necessarily have to talk about their research. They can choose any topic relating to chemistry such as the discussion of a recent publication, a new analytical method, science and politics, etc. The main focus is to invite as many diverse presenters as possible.

##### **What do you hope participants will gain by attending?**

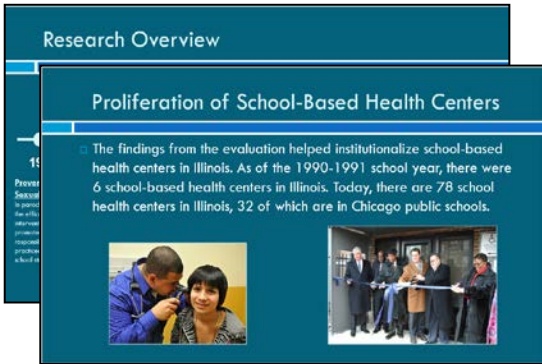
My goal is for attendants to leave having learned something new, with a renowned interest in chemistry (and generally speaking, in science!). I want to promote the idea of thinking beyond the textbook, but at the same time emphasize the importance of the material we learn in the classroom. I believe it is hard for students, especially in chemistry, to readily see the use or application of what they see in the lecture. This makes students not like the class or question the necessity of learning it. With the seminar series, I want participants, especially students, to be engaged in more scientific discussions in the classroom and leave the seminar thinking: "That's why that topic I learned in class is important".



# COLLEGE OF SCIENCE AND HEALTH WINTER HIGHLIGHTS

## CSH Winter Quarter College Meeting

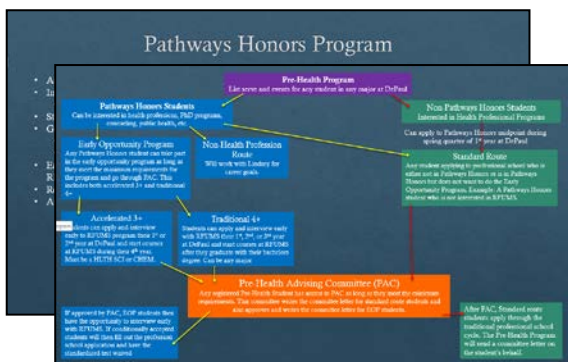
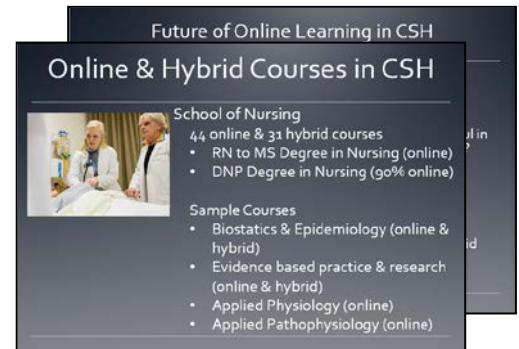
On February 22, CSH held its Winter Quarter College Meeting. Faculty and staff gathered in McGowan South to first hear about the latest CSH news and happenings from Dean **Gerald P. Koocher, Ph.D., ABPP**.



Professor of Clinical and Community Psychology **W. LaVome Robinson, Ph.D., ABPP**, recipient of the 2017 Excellence in Research Award, gave the featured research presentation entitled, "Values Guiding Research: Past, Present and Future." Dr. Robinson shared the trajectory of her research career based on addressing problems afflicting the most vulnerable in a community. Her presentation started in 1980, the year she joined DePaul, when she tested the efficacy of interventions that promoted the use of responsible sexual practices among parochial high school students. In the early 1990s she evaluated the role of School-Based Health Centers

(SBHCs) in improving health outcomes and reducing risk-taking behaviors for urban, African American high school students. Findings from this study supported the expansion of SBHCs in Chicago and Illinois. In 2001, her five-year exploratory project to test the efficacy of coping and stress prevention, culturally adapted for urban, low-income African American high school students began. In 2013, she examined the link between self-directed and interpersonal violence among African American adolescents, including academic outcomes.

**Sandra Virtue, Ph.D.**, and **Susan D. McMahon, Ph.D.**, then gave a presentation and led a discussion focused on online learning in CSH. The presenters gave an overview of the current online presence of CSH and reviewed the resources available to faculty for online and hybrid teaching. These resources include DOTS training, course design and development services offered by Faculty Instructional Technology Services (FITS), and monthly CSH Emerging Technology Meetings that highlight new technology that faculty can use in both face-to-face and online courses. Finally, Dr. McMahon and Dr. Virtue led a discussion about the future of online learning in CSH, including the advantages and difficulties of teaching courses online and strategies for growing the college's online learning presence.



Finally, **Phillip Funk, Ph.D.** provided an overview of the Pre-Health Program, which is geared toward connecting students interested in health careers to relevant events, workshops, and advising opportunities. He also detailed the Pathways Honors Program and the Pre-Health Advising Committee (PAC), which works with eligible students selecting and applying to graduate health professional programs by offering advising, workshops, and a committee letter for their application. Dr. Funk also led a discussion on DePaul's future in the health professions market, including the future of the University's relationship with Rosalind Franklin University of Medicine and Science.

**Mark your calendars! The next CSH College Meeting will be held on Wednesday, April 18 in McGowan South 108, 3pm - 5pm.**

## COLLEGE OF SCIENCE AND HEALTH WINTER HIGHLIGHTS


### Dean Koocher Participates in Medical Ethics Panel at Boston College

On April 10, **Dean Gerry Koocher** was a featured panelist on the 2018 LaBrecque Medical Ethics Lecture, "Ethical Considerations at the Intersection of Psychiatry and Religion" on the main campus of Boston College. Dean Koocher was joined on the panel by John R. Peteet, MD, Associate Professor of Psychiatry at Harvard Medical School, Physician of Psychiatry at Brigham and Women's Hospital, and the Fellowship Site Director of Psychosocial Oncology and Palliative Care at the Dana-Farber Cancer Institute. Also on the panel was Nancy Kehoe, RSCJ, Ph.D., Assistant Clinical Professor of Psychology at Harvard University and Clinical Psychologist at the Cambridge Health Alliance. Established in 2002, the annual lecture is intended to focus on medical ethics from the perspective of the Roman Catholic Church.

Dean Koocher is an expert in the field of professional and scientific ethics, and he is particularly interested in ethical and public policy issues in the delivery of mental health services, including malpractice in the mental health professions, ethical misconduct in research, scientific and academic integrity, quackery in mental health, and functioning of Institutional Review Boards (IRBs). He has published more than 300 articles and book chapters and authored or edited 17 books. In 2017, he published with two doctoral students in psychology, **Christina Soibatian** and **Rachel Suffrin**, and contributed to the field with the following publications:

Boston College Philosophy Department  
2018 LaBrecque Medical Ethics Lecture

*Ethical Considerations at the  
Intersection of Psychiatry & Religion*



Nancy Kehoe, RSCJ, PhD  
Harvard University

Gerald P. Koocher, PhD  
DePaul University

John R. Peteet, MD  
Harvard Medical School

**April 10 @ 3pm**  
Fulton Honors Library  
617-552-8095 ~ [bc.edu/philosophy](http://bc.edu/philosophy)

Johnson, W. B. & Koocher, G. P. (2017). Ethical issues in the treatment of suicidal military personnel and veterans. In B. Bongar, G. Sullivan, & L. Jams (Eds.), *Handbook of military and veteran suicide* (pp. 121-130). New York: Oxford University Press.

Koocher, G. P. & Soibatian, C. (2017). Understanding fees in mental health practice. *Practice Innovations*, 2(3), 123-135.  
DOI: [10.1037/pri0000048](https://doi.org/10.1037/pri0000048)

Koocher, G. P. & Suffrin, R. L. (2017). Common ethical transgressions by private practitioners. In S. Walfish, J. Zimmerman, & J. E. Barnett (Eds.), *Handbook of private practice* (pp. 429-442). New York: Oxford University Press.

Nia, H. S., Sharif, A. P., Koocher, G. P., Yaghoobzadeh, A., Haghdoost, A. A., Win, M. T. A. & Soleimani, M. A. (2017). Psychometric properties of the death anxiety scale-extended among patients with end-stage renal disease. *OMEGA – Journal of Death and Dying*. DOI: [10.1177/0030222817733220](https://doi.org/10.1177/0030222817733220)

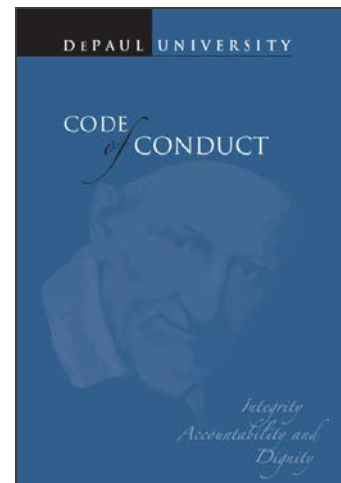
Hoffman, J. S., & Koocher, G. P. (2018). Strategies for ethical practice in medical settings. *Practice Innovations*, 3, 43-55.  
[doi.org/10.1037/pri0000062](https://doi.org/10.1037/pri0000062)

## COLLEGE OF SCIENCE AND HEALTH WINTER HIGHLIGHTS

### CSH Increases General Compliance Training Participation Rate

Each year, all DePaul University faculty, staff, and student employees are required to complete an online workshop for General Compliance Training. This online course highlights university policies and standards in the [Code of Conduct](#) that pertain to all faculty, staff, and student workers at DePaul. These policies and standards provide a framework for acceptable business conduct at the university. Exercises in the course are designed to raise awareness and clarify expectations of acceptable behavior. Some topics in the training include:

- Discrimination, harassment, and sexual and relationship violence
- Acceptable use of technology
- Identifying and managing conflicts of interest
- Gift acceptance and processing
- Contacts with the media



#### CSH COMPLIANCE BY THE NUMBERS

*CSH increased its participation in the General Compliance Training to 94% in 2018. This is up 4% from 2017, when the participation rate across the College was 90%. Congratulations to those who worked to raise CSH's participation rate, and most importantly for making the college more efficient, enhancing workplace culture, reducing risk, and making it safer for all!*

### Spring CSH College Meeting Opportunity to Complete Management Standards Training



Attendees of the upcoming Spring Quarter CSH College Meeting on April 18 will have the opportunity to complete their annual Management Standards Training that is required of all DePaul managers responsible for department budgets. During the

second half of the college meeting, Director of Compliance and Risk Management **Emily Opalski** will lead a training session titled "Preventing Harassment and Abuse at DePaul." This session will help participants understand their responsibility for creating and maintaining a safe environment, free from harassment or abuse of any kind. Participants will receive tools and discuss possible actions that can be taken in order to prevent harassment and abuse in the workplace, how to respond to incidents, and reporting responsibilities.

The Management Standards Training is based upon highlighting particular standards and practices identified in the [Management Standards Handbook](#) that describes how to be a responsible manager at DePaul. The emphasis is on standards that provide sound internal controls, support operational effectiveness, and minimize the risk of financial loss. These courses are revised annually to provide updates on key policy changes at the university. All DePaul managers who are responsible for department budgets are required to complete Management Standards Training on an annual basis.



## COLLEGE OF SCIENCE AND HEALTH WINTER HIGHLIGHTS

### College of Science and Health Day with the Blue Demons is a Slam Dunk



CSH rang in 2018 and celebrated the start of winter quarter on January 2 with a college basketball game night. CSH faculty, staff, alumni, and students came together at Wintrust Arena to cheer on the men's basketball team in their first Big East matchup of the year against Georgetown for College of Science and Health Day with the Blue Demons. This special night of basketball was part of the 2018 Winter Welcome Week, a series of free events that took place during the first days of winter quarter designed to introduce new students to campus life and celebrate returning students.

In a [welcome video](#) produced for the event, CSH Dean **Gerry Koocher** underlined CSH's importance to DePaul athletics, noting that about a third of

DePaul's NCAA athletes have majors in the College of Science and Health.

Georgetown eked out a 90-81 victory over DePaul, but the Blue Demons exacted their revenge later in the month, beating the Hoyas 74-73 in Washington, DC. Though College of Science and Health Day with the Blue Demons didn't bring home a win, the game was an invigorating start to the winter quarter.

### CSH Staff Development Group STAF^2 Hosts Cocoa and Coloring Event

STAF^2 shook off the early March cold snap and took some time to relax by hosting a Cocoa and Coloring event. Organized by Associate Director of Graduate Student Services **Paty Arreola-Lozano** and Student Services Advisor **Anne O'Neill**, the Cocoa and Coloring event gave CSH staff a chance to take a break and unwind with some hot chocolate, snacks, conversation, and, of course, coloring. The group showed their true colors by filling in several different intricate designs, including mandalas, ice cream sundaes, flowers, and even a portrait of "Macho Man" Randy Savage. Attendees left feeling rejuvenated, proving that children aren't the only ones who benefit from a break to color and enjoy a snack.

Adult coloring books have seen a resurgence over the last few years, with participants reporting it to be an activity that relieves stress and promotes focus. Coloring, however, is distinct from art therapy, which is a mental health profession in which the process of making and creating artwork is used to explore feelings, emotional conflicts, foster self-awareness, manage behavior and addictions, develop social skills, improve reality orientation, reduce anxiety, and increase self-esteem.



## COLLEGE OF SCIENCE AND HEALTH WINTER HIGHLIGHTS

### Society of Physics Students Celebrates Pi Day with 'Pie a Professor' Event



Celebrated each year on March 14 (3.14), Pi Day is dedicated to the mathematical constant, Pi. First recognized in 1988 by physicist Larry Shaw, Pi Day observers often celebrate with a slice of their favorite pie in honor of the number's delicious name.

The DePaul Chapter of the Society of Physics Students (SPS), however, celebrated Pi Day by offering students an opportunity to show some CSH professors exactly how they felt about finals - with a pie to the face. For \$5 a throw, students took aim at the volunteer professors in order to raise funds to sponsor SPS members to attend the Sigma Pi Sigma 2019 Physics Congress (PhysCon) in Providence, RI in November. Of this inaugural Pi Day event, SPS member **Aaila Ali** said, "We are trying to raise money to send as many students as we can to sponsor attendees at 2019 PhysCon. Thanks to our professors from CSH who participated as 'targets' to help us reach our goal. They were all great sports to have a pie in the

face on a sunny, but cold Chicago day." By the end of the event, SPS raised \$365 – easy as pie!

The faculty targets who left with pie on their faces included: **Christie Klimas, Ph.D.**, Department of Environmental Science and Studies; **Eric Landhal, Ph.D.**, Department of Physics; **Anuj Sarma, Ph.D.**, Department of Physics; **Graham Griffin, Ph.D.**, Department of Chemistry and Biochemistry; Timothy French, Ph.D., Department of Chemistry and Biochemistry, and **Andrew Carroll, Ph.D.**, Department of Mathematical Sciences.

### **SOCIETY OF PHYSICS STUDENTS MEET IN WISCONSIN**

DePaul's chapter of the SPS demonstrated their academic excellence this winter at the 2018 SPS Zone 9 & 11 Joint Meeting at the University of Wisconsin – River Falls in February. The team earned the following honors:

**Ellie Martin-Eberhard, Robert Coulson, and Sinead Humphrey** earned a trophy for #1 spot in the Zone 9 Trivia Competition.

**Sinead Humphrey** and **Samantha Smiley** earned "Outstanding Poster"

DePaul's chapter of the SPS earned the "Distinguished Chapter Award"



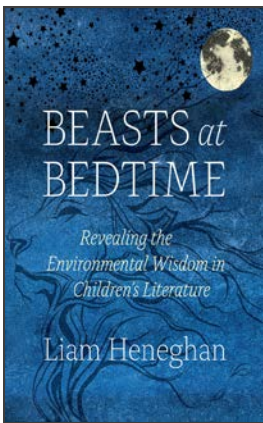


## COLLEGE OF SCIENCE AND HEALTH WINTER HIGHLIGHTS

### CSH Professor Researches Environmental Insights in Children's Literature



In May, Environmental Science and Studies professor **Liam Heneghan, Ph.D.** will publish his new book, *[Beasts at Bedtime: Revealing the Environmental Wisdom in Children's Literature](#)*. A prolific writer and researcher in the field of environmental sciences, Dr. Heneghan's recent work demonstrates a shift of his gaze to focus on the next generation of upcoming scientists. In *Beasts at Bedtime*, Dr. Heneghan surveys the environmental underpinnings of a wide range of classic children's stories. Examining works ranging from Beatrix Potter to Harry Potter and spanning the reading levels of the earliest board books like *The Rainbow Fish* to contemporary young adult sensations like *The Hunger Games*, Dr. Heneghan unearths the universal insights into our complex relationship with nature that lies beneath so many classic tales written for children.



Dr. Heneghan's research is particularly resonant as some of the largest environmental challenges in coming years – climate change, the extinction crisis, freshwater depletion, and deforestation – are likely to become even more severe as this generation of children grows up. The book argues that though today's young readers will feel the impact of these environmental catastrophes, they will also be able to contribute to environmental solutions if properly trained. *Beasts at Bedtime* aims to show how both children and adults can start to experience the natural world in incredible ways from the comfort of their own homes and will help parents, teachers, and guardians extend the time spent reading with children into a lifetime of caring for the planet.

To celebrate the release of Dr. Heneghan's book, the DePaul University Institute for Nature and Culture is hosting a book launch and reception on Wednesday, May 2. For more information, including RSVP details, please visit the [Upcoming Events and Calendar](#) section of the newsletter.

### Namaste! - Dr. Susan D. McMahon speaks in India and Nepal

In March, Professor of Clinical and Community Psychology and Associate Dean for Research and Faculty Development **Susan D. McMahon, Ph.D.**, shared her expertise as an invited keynote speaker at two universities. At Banaras Hindu University, Varanasi, India, Dr. McMahon's presentation was titled, "Community Psychology and Mental Health: An Ecological Focus on Schools and Academic Achievement." At Tribhuvan University, Kathmandu, Nepal, Dr. McMahon presented "Stressors, School Context, and Psychological Outcomes Among Urban Youth." Dr. McMahon also met with students and faculty at both universities to discuss research in India, Nepal, and the US, as well as curricular similarities and differences across programs, countries, and cultures.



Over the course of the Winter Quarter, Dr. McMahon published six peer-reviewed journal articles, collaborating with seven current or former doctoral students in Psychology. Her area of research expertise is school-based intervention and evaluation, and recent publications focus on school climate, neighborhood context, teacher-directed violence, and her Presidential Address for the Society for Community Research and Action: "Schools as vehicles to assess experiences, improve outcomes, and effect social change."

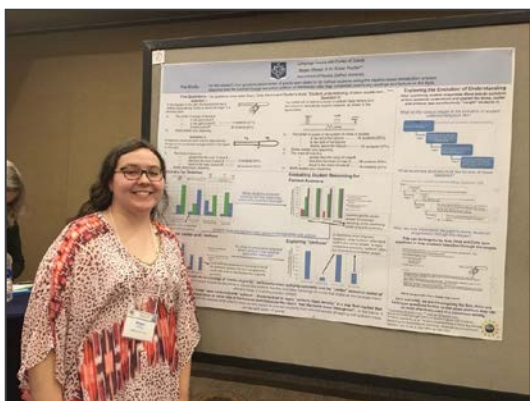
# COLLEGE OF SCIENCE AND HEALTH WINTER HIGHLIGHTS

## 2018 Illinois LSAMP Spring Symposium and Research Conference

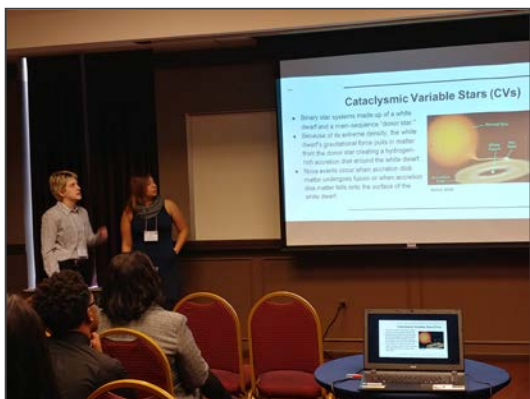
In February, 25 representatives from the College of Science and Health participated in this year's Illinois Louis Stokes Alliance for Minority Participation (LSAMP) Spring Symposium and Research Conference in Lisle, IL. Twenty-one student participants were led by faculty members **Lynn Narasimhan, Ph.D.**, **Jesús Pando, Ph.D.**, and **Quinetta Shelby, Ph.D.** as well as the Associate Director of the STEM Center, **Victoria Simek**. DePaul CSH students shared their research, participated in discussion panels, and networked with other students and professionals in STEM-related fields. At the symposium, senior Physics major **Nicolas Santiago** was a panelist for the "Educational Transitions" workshop, which focused on how to progress to the next level in one's STEM education and career.



Illinois LSAMP consists of nine universities, four regional community colleges, and one government laboratory. DePaul has been a member of the Illinois LSAMP consortium since its establishment in 1993. The program is funded by the National Science Foundation (NSF) and is one of a number of consortia of colleges and universities in the country with the goal of significantly increasing the number of degrees awarded to underrepresented populations in Science, Technology, Engineering and Mathematics (STEM). DePaul's participation in the symposium was made possible by the Illinois LSAMP grant awarded to Dr. Narasimhan and the STEM Center's partnership with the [Society for the Advancement of Chicanos/Hispanics and Native Americans in Science \(SACNAS\)](#), the [McNair Scholars Program](#), and the [Arnold Mitchem Fellows Program](#).



Megan Mikota



Samantha Smiley and Sinead Humphrey

### 2018 Illinois LSAMP Spring Symposium and Research Conference Award Winners

#### Graduate Oral Presentation

First Place – **Megan Mikota**, Physics

#### Undergraduate Oral Presentation – Biology & Molecular Biology

First Place – **Mildred Devereaux**, Biological Sciences

#### Undergraduate Oral Presentation – Computer Science & Physics

First Place – **Samantha Smiley** and **Sinead Humphrey**, Physics

#### Undergraduate Oral Presentation – Science Education

First Place – **Emma Mujic**, Health Sciences

#### Undergraduate Poster – Physics & Math

First Place (tie) – **Aaila Ali**, Physics

Third Place – **Robert Coulson**, Physics

#### Undergraduate Poster – General Biology

Third Place – **Ryan Trevino**, Health Sciences



## COLLEGE OF SCIENCE AND HEALTH WINTER HIGHLIGHTS

### School of Nursing Honors Graduates with Pinning Ceremony



Each quarter the School of Nursing recognizes newly graduated nurses into the nursing profession with a symbolic pinning ceremony. The new nurses participated in the traditional lantern-lighting portion of the ceremony, which commemorates Florence Nightingale's history of helping wounded soldiers at night by candlelight. The participants were then ceremonially pinned by a loved one chosen by the graduate. Dean **Gerald P. Koocher, Ph.D., ABPP** presided over the ceremony and offered congratulations to the new nurses.



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*"You have gotten much of what you need from the people with us today – the love, support, and encouragement of family and friends – the wisdom, skill, and sometimes seemingly incessant prodding of our faculty and clinical preceptors. We have confidence in you and we're very proud to call you DePaul nurses."*

*Dean Koocher*

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## COLLEGE OF SCIENCE AND HEALTH WINTER HIGHLIGHTS

### The Chicago Area Undergraduate Research Symposium (CAURS) Returns to DePaul

The annual [Chicago Area Undergraduate Research Symposium \(CAURS\)](#) will take place at DePaul's Student Center on April 15. This annual research symposium is a partnership between several area universities – primarily DePaul, Northwestern, Loyola, IIT, Roosevelt, and the



**CAURS** CHICAGO AREA  
UNDERGRADUATE RESEARCH SYMPOSIUM

University of Chicago. CAURS is one of the largest annual undergraduate research conferences in the country, bringing together hundreds of undergraduate students in the Chicagoland area from all academic disciplines to present their research through poster presentations, oral presentations, and roundtable discussions. The site of the Symposium rotates between the participating institutions every year; DePaul last hosted in 2010.

One of the most unique aspects of CAURS is that it is planned and run almost entirely by undergraduate students who work year-round to organize the symposium. This year, two CSH students are serving on the CAURS Inter-School Board (ISB): **Monica Carson**, a Health Sciences senior, is serving as one of the two directors, and **Laura Griseta**, a senior majoring in Health Sciences and minoring in Biology, is serving on the board.



**Monica Carson**  
Health Sciences

#### **What has been the most valuable lesson you've learned working on CAURS?**

The most valuable lesson has been learning how to network. I've learned how to reach out to people and make connections, but I have also learned the importance of asking for help. Typically, when I think of the work I do in college, I do it on my own. But with CAURS, in order to accomplish everything that needs to be done, I have to ask for help.

#### **The site for CAURS rotates every year – how do you think it will be different or unique at DePaul?**

I think the symposium will be unique at DePaul because of the campus. It is easily accessible, and because of this I am hoping it encourages people to take public transit rather than driving. There are multiple bus and train lines that get you to the Lincoln Park campus, which can help to reduce the carbon footprint of a large number of people for an event such as this!



**Laura Griseta**  
Health Sciences

#### **How did you get involved with the CAURS Inter-School Board?**

I actually got involved with CAURS because Monica told me about it. She was on the board last year and told me about how she had a great experience on it; so, I wanted to join and be able to be a part of CAURS.

#### **What has been the most valuable lesson you've learned working on CAURS?**

I have not planned a big event like the symposium before, so it has been really incredible to see all of the hard work that goes into making it. The most valuable lesson I have learned by working on CAURS is that people from all different backgrounds can work together on a project to create something incredible. I have been able to work with students from different universities and with different backgrounds to help plan the symposium, and that has been a really great experience.

# COLLEGE OF SCIENCE AND HEALTH AWARDS, RECOGNITIONS & APPOINTMENTS

## 2018 Excellence in Research Award and Mid-Career Excellence in Research Award

Each year, the College of Science and Health recognizes faculty who have made significant scientific contributions in their area of research by bestowing the Excellence in Research Award and Mid-Career Excellence in Research Award. The Excellence in Research Award recognizes a Full Professor's outstanding contributions to the field over the course of their career, and the Mid-Career Excellence in Research Award acknowledges an Associate Professor's outstanding contributions to their field.

The recipients of the 2018 awards are **Dorothy Kozlowski, Ph.D.** and **T. Kyle Petersen, Ph.D.** The names of both award recipients will be engraved on a plaque displayed in the Dean's Suite and each will be invited to give a featured research presentation at the CSH autumn quarter college meeting.



**Dorothy Kozlowski, Ph.D.**  
**2018 Excellence in Research Award**

Dr. Kozlowski, Vincent de Paul Professor of Biological Sciences and Director of the Neuroscience Program, joined DePaul in 2000. Her research career spans over twenty years and has been focused on neuroscience. Specifically, Dr. Kozlowski is interested in how the brain tries to repair itself following traumatic brain injury through neuroplasticity. In her lab at DePaul, she uses a rodent model to study how to enhance brain repair through therapeutic approaches, such as physical rehabilitation, endogenous neurogenesis, bone marrow stem cell transplantation, or pharmacological agents. Recent collaborations with faculty at RFUMS have led to the development of a rodent model of repeat concussions to study why they lead to neurodegenerative diseases. Dr. Kozlowski has been awarded external funding totaling over \$735,000 by the National Institutes of Health, the United States Department of Defense, and the Margot. B. Anderson Brain Restoration Foundation, as well as over \$330,000 in internal grants. She has published 34 peer-reviewed articles and book chapters and has delivered over 100 research presentations. Building upon her research expertise, Dr. Kozlowski works with DePaul students and the Concussion Legacy Foundation to offer concussion education presentations to youth in the Chicago area. These presentations are designed to teach youth about the symptoms of concussion and how to play sports safely. Dr. Kozlowski is also the recipient of the Excellence in Teaching Award, and she is Past-President of the Chicago Society for Neuroscience.



**T. Kyle Petersen, Ph.D.**  
**2018 Mid-Career Excellence in Research Award**

Dr. Petersen, Associate Professor of the Department of Mathematical Sciences, joined DePaul in 2009 and was promoted to Associate Professor with tenure in 2013. Since earning his Ph.D. in Mathematics from Brandeis University in 2006, Dr. Petersen's research has focused on algebraic, enumerative, and topological combinatorics. He has published 30 peer-reviewed research articles in journals such as *Advances in Mathematics*, *SIAM Journal on Discrete Mathematics*, and the *American Mathematical Monthly* and delivered 52 research presentations. Dr. Petersen is also the author of a book, *Eulerian Numbers*, in which he explains how Eulerian numbers arise in the study of hyperplane arrangements, polytopes, and simplicial complexes. In his time at DePaul, Dr. Petersen has received external funding for his research from the Simons Foundation, the National Security Agency, and the Educational Advancement Foundation. Dr. Petersen is also the recipient of the Excellence in Teaching Award and has been involved with the Academy of Inquiry-Based Learning, a community which seeks to promote a more student-centered approach to teaching.



# COLLEGE OF SCIENCE AND HEALTH AWARDS, RECOGNITIONS & APPOINTMENTS

## CSH 2017 Excellence in Teaching Award

As faculty and staff gathered at the St. Vincent de Paul Parish Church for the annual Academic Convocation in August ahead of DePaul's 120th school year, more than a dozen awards and recognitions were presented. One of the recipients was **Susan Fischer, Ph.D.**, Associate Professor of Physics, who received the 2017 Excellence in Teaching Award on behalf of the College of Science and Health. Dr. Fischer was chosen for this recognition out of a pool of several well-qualified colleagues by the faculty members of the college's Teaching and Learning Committee.

Dr. Fischer was nominated by a peer who ranks her as "the best teacher I have ever seen" based on 8 years of experience working together. Her nomination describes her central role in the recent redesign of introductory physics at DePaul, driven by principles identified in physics education research. The nomination letter also cites her passion for teaching and dedication to student learning, particularly her willingness to develop or change teaching materials to facilitate better learning by her students.

In support of her nomination, **Jesús Pando, Ph.D.**, chair of the Department of Physics, offered a strong endorsement of Dr. Fischer's achievements. His support cites high online teaching scores, even during the development and implementation of new materials and methods. He emphasized her strength in encouraging student involvement, and pushing students to learn through active engagement.

Peer reviews of Dr. Fischer's work by faculty in her department cite the implementation of classroom technology such as iClickers, and improvements to class materials as examples of sustained innovation in curriculum development, and dedication to enhancing student learning. One peer reviewer cited Dr. Fischer's ability to think deeply about how students learn and what they need to learn as a source for her impressive performance.

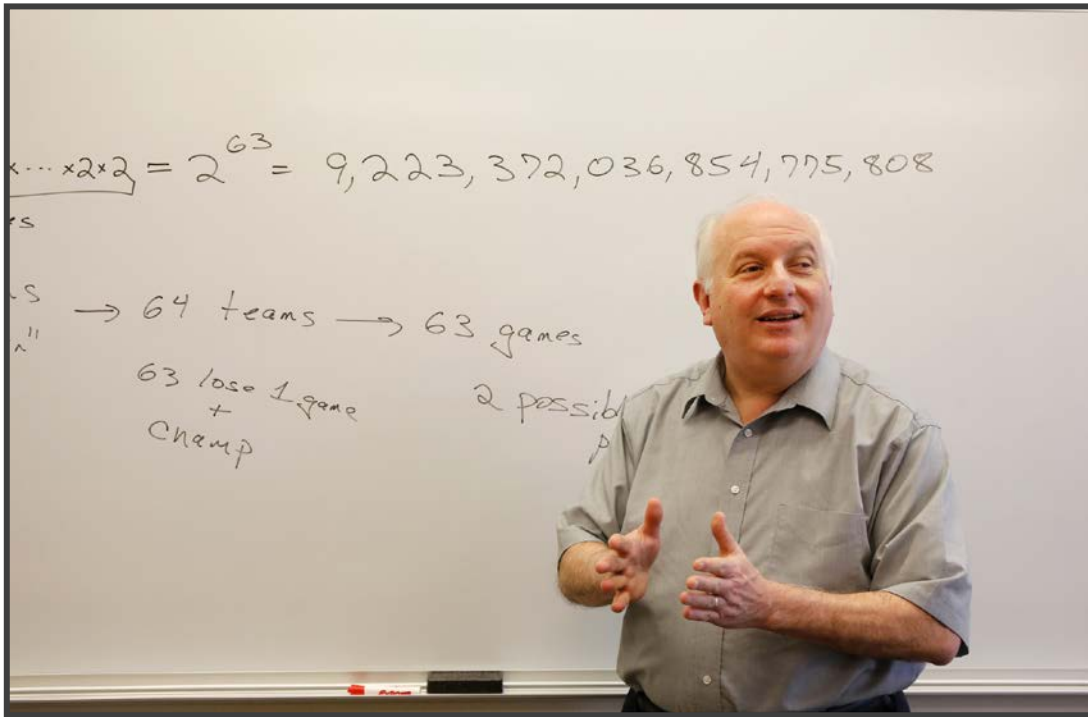
In honor of her achievement, CSH has invited Dr. Fischer to give a featured presentation at the college's [Spring Quarter College Meeting](#) on April 18. The meeting will be held in McGowan South 108 from 3 pm to 5 pm.





## IN MEMORIAM - REMEMBERING OUR FRIEND AND COLLEAGUE

### Jeffrey Bergen, Ph.D.



The College of Science and Health recently lost **Jeffrey Bergen, Ph.D.**, Professor of Mathematics and Director, M.A. in Mathematics Education and M.S. in Mathematics for Teaching Programs, who died March 14, 2018 at the age of 62. He is survived by his wife, Donna, three children, and five grandchildren.

Dr. Bergen was a wonderful person and a revered colleague to many at DePaul

University. Throughout his career, he received numerous academic and professional awards, authored publications, and appeared on television, video, and radio, as well as in newspaper and magazine feature articles.

Jeff received his B.S. from Brooklyn College and his S.M. and Ph.D. from the University of Chicago. After his arrival at DePaul University in 1981, Jeff became an internationally recognized scholar in the area of non-commutative algebra, published over 50 articles in research journals, and was the sole author of an abstract algebra textbook in 2010. His excellence in teaching and scholarship was acknowledged by his Cortelyou-Lowery Award in 2007, and his excellent record in teaching, scholarship, and community service were acknowledged with his induction into the Society of Saint Vincent de Paul Professors in 2012.

Jeff was known as an enthusiastic and collaborative advocate and champion for mathematics education. He worked tirelessly to create new opportunities for teachers in the Chicago Public Schools and for the mathematical education research community. He made many friends during his years at DePaul University because of his warm and caring personality, and he continued to inspire his students through his passion for mathematics and education until his passing.

Dr. Bergen was perhaps best known for his mathematical expertise on NCAA March Madness brackets. In 1998, he calculated the odds of picking a perfect March Madness bracket as less than 1 in 9.2 quintillion (9,223,372,036,854,775,808, to be exact). In 2012, DePaul shot a [video](#) of him explaining how he came up with the 9.2 quintillion number, and during March Madness the video propels him into mathematical stardom; the video has accrued over 182,000 views to date.

The above is just a brief sketch of a leading scientist and wonderfully generous individual who influenced many peoples' lives. With that in mind, we invite you to conjoin your thoughts and memories of Jeff with CSH in sympathy to the friends, family, colleagues, and students who mourn his loss.

## COLLEGE OF SCIENCE AND HEALTH AWARDS, RECOGNITIONS & APPOINTMENTS

### Winter Quarter CSH Department Highlights

Over the winter quarter, several members of the CSH faculty and staff were broadly recognized for their work and expertise in their respective fields. Below is a sampling of some of these accomplishments and recognitions. For more information, please visit each center, school, or department's website.

#### OFFICE OF ACADEMIC ADVISING

**Lindsey Burdick**, Associate Director of Pre-health Advising, was elected as a member-at-large board member of the Central Association for Advisors of the Health Professions' Board of Directors. On the DePaul front, Lindsey coordinated 47 student interviews, including 10 students who interviewed for the Pathways Honors' Early Opportunity with RFUMS, as part of the CSH Pre-health Advising Committee's committee letter writing process for students pursuing medical school and dental school. This represents a 38% increase over last year's total number of interviews, and it serves as a record number since the CSH formed in 2011.

The CSH advising committee formed a subcommittee to draft a five-year advising plan for the College. **Justine Amato (BIO)**, **Molly Brown, Ph.D. (PSY)**, **Gabriela Gonzalez Aviles, Ph.D. (PHY)**, **Stefanos Orfanos, Ph.D. (MAT)**, **Lauren Paez (OASS)**, **Michael Roberts (OASS)**, and **Carey Southern, Ph.D. (CHE)** – and subcommittee chair) anticipate having a draft by the end of spring.

#### OFFICE OF THE DEAN

**Gerald P. Koocher, Ph.D., ABPP** was appointed Parliamentarian of the American Psychological Association.

#### FAMILY AND COMMUNITY SERVICES

**Orson Morrison, Psy.D.** has been appointed to the Illinois Child Death Review Team.

**Iu-Luen Jeng, LCPC, ATR**, art therapist at Family and Community Services, was elected as the President of Illinois Art Therapy Association, a chapter of American Art Therapy Association.

#### DEPARTMENT OF BIOLOGICAL SCIENCES

**William Gilliland, Ph.D.** was [featured](#) as a Genetics expert on Fox News where he was interviewed about direct to consumer ancestry kits.

**Jingjing Kipp, Ph.D.** served on the Scientific Research Conferences (SRC) Advisory Committee of Federation of American Societies for Experimental Biology (FASEB) and evaluated proposals for FASEB sponsored scientific research conferences.

**Jalene LaMontagne, Ph.D.** served on the National Science Foundation grant review panel: MacroSystems Biology & Early NEON Science Program, held Feb 21-23, 2018 at the National Science Foundation Headquarters in Alexandria, Virginia. This program falls under the Division of Emerging Frontiers.

#### DEPARTMENT OF CHEMISTRY AND BIOCHEMISTRY

The two *Journal of Geology* [papers](#) authored by **Wendy Wolbach, Ph.D.** and **Timothy French, Ph.D.** have been recognized in the press.

# COLLEGE OF SCIENCE AND HEALTH AWARDS, RECOGNITIONS & APPOINTMENTS

## DEPARTMENT OF ENVIRONMENTAL SCIENCE AND STUDIES

In January, **Jess Vogt, Ph.D.** and her colleagues published a [paper](#) in the journal *Cities* examining the impact of tree planting on neighborhood community capacity in 4 U.S. cities. Additionally, last fall, Dr. Vogt was elected to serve as Director of Research for the Illinois Arborist Association.

## DEPARTMENT OF MATHEMATICAL SCIENCES

**Christopher Drupieski, Ph.D.** joined the Mathematical Sciences Research Institute (MSRI) in Berkeley, CA as part of their spring 2018 semester program on Group Representation Theory and Applications. MSRI is recognized as the world's premier center for collaborative mathematics research spanning all branches of the mathematical sciences.

## SCHOOL OF NURSING

The School of Nursing has been featured [online](#) as a member institution in the National Hartford Center for Gerontological Nursing Excellence.

## DEPARTMENT OF PSYCHOLOGY

A new trauma and crisis intervention specialty was added to the *Community Psychology* concentration in the BA Psychology degree program.

**Kimberly Quinn, Ph.D.** was appointed Associate Editor of [Personality and Social Psychology Bulletin](#).

**Jocelyn Carter, Ph.D.** was awarded a *Stearns Center Community Based Faculty Research Fellowship*. She also joined the Editorial Board of [Collabra](#).

**Bernadette Sánchez, Ph.D.** joined the Editorial Board of the [American Journal of Community Psychology](#). She also served as a reviewer for the Ford Foundation Fellowship program, along with **Antonio Polo, Ph.D.**

**Melissa Vazquez-Hornik**, doctoral student in I/O Psychology, was identified in [The Mars Generations' 2018 24 Under 24 Leaders and Innovators in STEAM and Space](#).

## CSH representative on Student Commencement Speaker Selection Committee

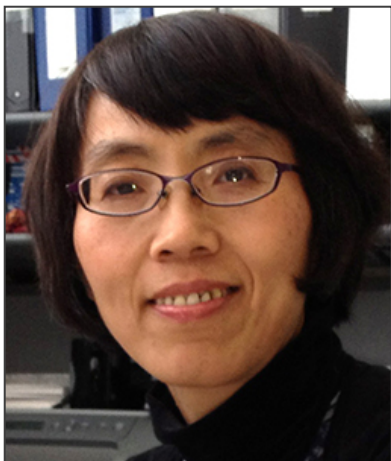


Associate Director of Graduate Student Services **Patricia Arreola-Lozano** has been appointed by the Dean to the 2018 Student Commencement Speaker Selection Committee. Patricia will serve as a commencement coordinator for CSH.

The selection committee consists of representatives from each school and or college and representatives from student government. Each Dean appoints one of their faculty or staff; Student Government Association (SGA) appoints three of their members, with a committee chair selected by the group. The selection committee selects a student speaker for each of the five June commencement ceremonies.

## COLLEGE OF SCIENCE AND HEALTH – NEW ROLES NEW FACES

### The Department of Chemistry and Biochemistry Welcomes New Chair



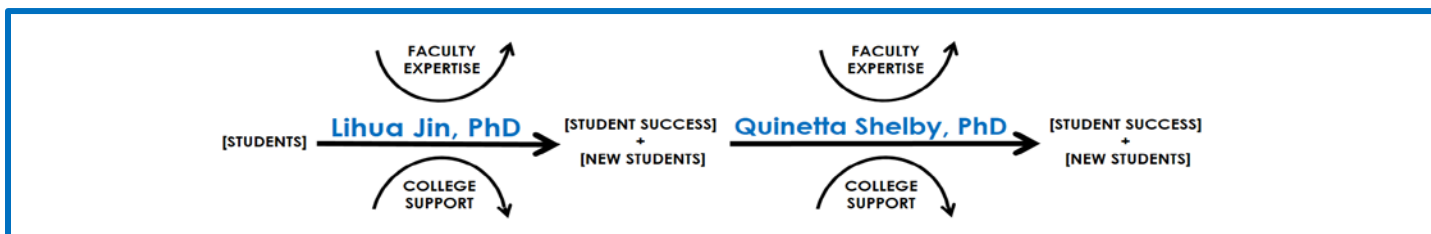
Associate Professor of Inorganic Chemistry and Director of Graduate Studies **Quinetta Shelby, Ph.D.** has been appointed Chair of the Department of Chemistry and Biochemistry, effective July 1, 2018. Dr. Shelby succeeds **Lihua Jin, Ph.D.** as department chair.

Since her appointment in 2012, Dr. Jin's interest in teaching students at all levels has informed her approach to her role as Chair: from course scheduling and classroom technology, through curriculum and program development. Under her leadership, Chemistry and Biochemistry

leads DePaul's STEM departments in the number of faculty who have completed online course development training and have gone on to offer fully online and hybrid versions of their chemistry courses. She also led the department to revise the curriculum to reflect shifting developments within the discipline, as evidenced by the additions of new disciplinary tracks and majors, as well as the renaming of the department to include Biochemistry. Dr. Jin views the chair role as one of service, and she was a strong advocate for the department and its students. Her advocacy resulted in not only new faculty tenure lines, but also fostered increased funding for instrument purchases used in teaching and research. She has been a leader in ongoing curriculum discussion and reform designed to give students maximum flexibility even as it insures that students have completed a course of study consistent with the American Chemical Society. Despite her busy schedule as Chair, Dr. Jin has prioritized and maintained a sincere commitment to student learning.

In the words of her colleague, Professor of Chemistry **Wendy Wolbach, Ph.D.**, "The department has benefited enormously under her leadership and we thank her for her willingness to serve us, the college, and the university as Chair of Chemistry and Biochemistry over the past six years." Though she will no longer serve as chair, Dr. Jin will continue teaching, researching, and actively participating on the Chemistry and Biochemistry faculty.

### THE CHEMISTRY AND BIOCHEMISTRY CATALYST FOR SUCCESS



Dr. Shelby has taught at DePaul since 2004, and research in her lab centers primarily on using chiral palladium catalysts containing an electronically anionic bidentate ligand to activate the reaction of allylsilanes with aldehydes and to promote the asymmetric synthesis of the homoallylic alcohol products. The lab's long-term objective is to contribute significantly to the fundamental understanding of principles that will improve catalytic systems for synthetic reactions. Regarding her appointment, Dr. Shelby said, "I look forward to working with my colleagues to increase enrollment in the master's program, emphasize critical-thinking skills that make students more competitive in their career paths, and promote faculty, student, and alumni relations through research, seminars, and departmental events. I feel honored to lead these efforts as I assume the chair position in a thriving department with talented students and dedicated faculty and staff."



### The Department of Health Sciences Welcomes New Chair

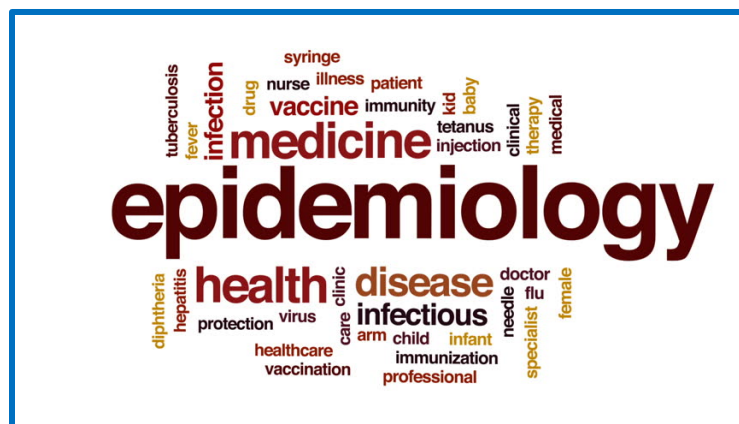


Associate Professor of Health Sciences **Douglas Bruce, Ph.D., MSW** has been appointed Chair of the Department of Health Sciences effective July 1, 2018.

Dr. Bruce's research investigates how social processes such as stigma, marginalization and migration function as social determinants of health behavior among sexual minority male youth. His work also focuses on the secondary prevention needs of young persons living with HIV/AIDS, and the role of marijuana in the lives of persons living with chronic disease. In addition to teaching courses in the Department of Health Sciences, Dr. Bruce also teaches courses in the Master of Public Health program and the LGBTQ Studies program.

As Chair, Dr. Bruce plans to

lead the department in developing an internal plan that complements the University's new strategic plan currently in development. "During the next three years, I hope to facilitate the development of the department to best suit the learning needs of our students and our faculty's pursuit of scholarly excellence," Dr. Bruce said. "Given the emphasis in the upcoming strategic plan on development and expansion of health-related curricula and programs at DePaul, we will be conducting our own internal planning process to strategize how to best situate our development efforts within the long-term goals of the University."



Dr. Bruce succeeds **James Montgomery, Ph.D.**, who has served as interim Chair of the Department of Health Sciences for the past two years. Reflecting on his tenure as interim Chair, Dr. Montgomery credits the faculty and staff of the Department of Health Sciences for their contributions to his success as Chair. "The faculty and staff are dedicated and caring, and each one assisted me in some way to handle the duties of chair. They made my job so much easier. I am grateful to them for their kindness and wisdom," he said.

Dr. Montgomery will continue teaching, researching, and actively participating as a faculty member in the Department of Environmental Science and Studies, his home department. CSH is indebted to Dr. Montgomery for his years of leadership and numerous contributions to the College.



## COLLEGE OF SCIENCE AND HEALTH – NEW ROLES NEW FACES

### School of Nursing Welcomes Visiting Scholar Mi-Yeol Hyun



In February, the School of Nursing welcomed **Mi-Yeol Hyun, Ph.D.** as a Visiting Scholar. Dr. Hyun is a full professor at [Jeju National University College of Nursing](#) (JNU) in South Korea and has been teaching mental health related nursing courses and conducting research focused on mental health for over 13 years.

As a graduate from a Catholic university in Korea, the Vincentian values that prepare students to serve underserved populations are aligned with Dr. Hyun's educational pedagogy and personal philosophy. "Through my nursing education and teaching, I recognize that the mission and philosophy of the educational institution are very important contributors that shapes the educational experience of the students. I often notice the Catholic spirit is motivating me when I met clients and students, which is why I have chosen DePaul as the educational institution to serve as a Visiting Scholar."

While visiting DePaul, Dr. Hyun plans to learn about various student and community health programs and explore options for developing and implementing these programs in Korea. She is also looking forward to networking with professionals in nursing and other disciplines to develop a professional connection for future collaborative research and study abroad programs between DePaul and JNU.

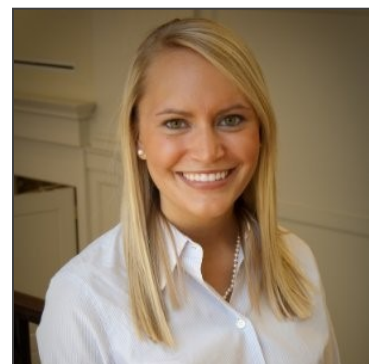
### Office of Advising and Student Services Promotes Departmental Advisors

Undergraduate academic advisors for several of CSH's departments were recently promoted by the Office of Advising and Student Services. **Elizabeth Jackson**, Department of Psychology, **Heather Sevenser**, Department of Health Sciences, and **Justine Amato**, Department of Biological Sciences, were promoted to Assistant Directors of Academic Advising. Liz, Heather and Justine play critical roles advising undergraduate students in CSH and serve as bridges between their departments and the CSH Office of Advising and Student Services.

### Office of Advancement welcomes new Director of Development for CSH

This winter, the Office of Advancement welcomed **Megan Donahue** as the new Director of Development for the College of Science and Health and the College of Liberal Arts and Social Sciences.

As Director of Development, Megan oversees fundraising activities for the college. Specifically, she is responsible for planning, directing, and implementing activities and programs to identify, qualify, cultivate, solicit, and steward gifts from donors and prospective donors. She serves as the primary liaison with the Dean and other key faculty to identify fundraising priorities and initiatives and to develop a strategy for soliciting funds to keep CSH running.



***YOUR GIFT PROPELS CSH FORWARD***

**LEARN MORE AND MAKE YOUR GIFT TODAY:**

**[SUPPORT THE COLLEGE OF SCIENCE AND HEALTH](#)**

# COLLEGE OF SCIENCE AND HEALTH WINTER GRANTS

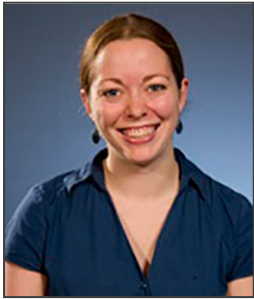
## New Winter Quarter External Grants



**Orson Morrison, Psy.D.**  
Family and Community Services

*Universal Trauma Screening Pilot*  
\$90,000  
*Chicago Board of Education*

DePaul University will supply clinicians, who will provide up to 1,200 hours of trauma screening and therapeutic services, to the Chicago Public Schools as part of a Universal Screening Pilot Project.



**Megan Greeson, Ph.D.**  
Department of Psychology

*Evaluation of a Cross-system Cooperative Response to Adolescent Sexual Assault Victims*  
\$39,006

*United States Department of Justice (via a subaward from Boston College)*

Dr. Greeson will work with the PI at Boston College to finalize a quantitative coding framework and procedures for sampling case records from Sexual Assault Nurse Examiner (SANE) programs and the prosecutor's office. She will also work to troubleshoot sampling of case records.



**Mark Potosnak, Ph.D.**  
Department of Environmental Science and Studies

*MRI: Development of an Urban-Scale Instrument for Interdisciplinary Research*  
\$15,309

*National Science Foundation (via a subaward from the University of Chicago)*

The Array of Things is a collaborative effort among leading scientists, universities, local government, and communities in Chicago to collect real-time data on the city's environment, infrastructure, and activity for research and public use. AoT is funded by the National Science Foundation, and Dr. Potosnak received a subcontract from the University of Chicago to coordinate AoT efforts on air quality measurements.



**Christopher Whipple, M.A.**  
Department of Psychology

*Urban African American Adolescents and Probation for Gun Crimes: A Phenomenological Study*  
\$1,000

*Society for Community and Research Action*

This project has three goals: (1) To understand the experiences of African American adolescents as they seek to get off probation in a low-resourced, high violence neighborhood. (2) To understand the barriers youth face as they attempt to fulfill probation requirements, and the resources they use to overcome barriers. (3) To understand whether youth see Crushers Club as a resource to their recovery, and, if so, how they use it to fulfill probation requirements and avoid recidivism. This last goal will provide Crushers Club with valuable information about services provided to justice-involved youth.



# COLLEGE OF SCIENCE AND HEALTH WINTER GRANTS

## 2018 Faculty Summer Research Grants

The Faculty Summer Research Grant (FSRG) program is designed to support ongoing research, to give faculty members an opportunity to develop new areas of research, and to help faculty become more competitive for external awards. Recommendations are made by the CSH's Research and Faculty Development committee, which is comprised of faculty nominated by their home academic units and appointed by the dean.

Congratulations to this year's FSRG recipients who will be conducting the following research this summer:

**Douglas Bruce, Ph.D.**, Department of Health Sciences  
Estimating reductions in prescription medication use among medical cannabis patients in California

**Jason Bystriansky, Ph.D.**, Department of Biological Sciences  
Physiology and ecology of salamanders inhabiting inland saline environments in the Pothole Region of Canada

**William Chin, Ph.D.**, Department of Mathematical Sciences  
Numerical analysis of generalized complex differentiation

**Sarah Connolly, Ph.D.**, Department of Health Sciences  
Examination and inhibition of the HSV1 fusion protein refolding

**Graham Griffin, Ph.D.**, Department of Chemistry  
Revealing the way disorder controls energy transport in molecular materials

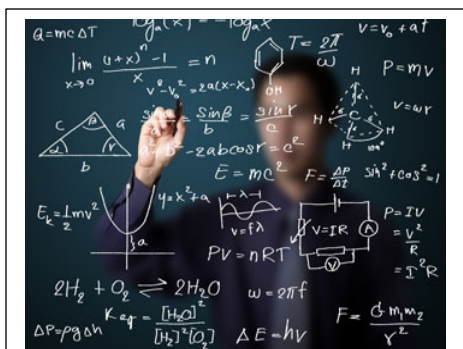
**Liam Heneghan, Ph.D.**, Department of Environmental Science & Studies  
The art of repair: Can lessons from the history of art conservation help guide ecological restoration out of an impasse?

**Jingjing Kipp, Ph.D.**, Department of Biological Sciences  
Regulation of ovarian follicle growth and survival by CYP26B1, RA and STIM1/Orai1 in ex vivo follicle cultures

**Dorothy Kozlowski, Ph.D.**, Department of Biological Sciences  
Sex differences in the response to repeat subconcussive events



## COLLEGE OF SCIENCE AND HEALTH WINTER GRANTS



**Jalene LaMontagne, Ph.D.**, Department of Biological Sciences  
Problem-solving abilities in songbirds across an urbanization gradient

**Elizabeth LeClair, Ph.D.**, Department of Biological Sciences  
Time-lapse tracking of the macrophage immune response

**James Montgomery, Ph.D.**, Department of Environmental Science & Studies  
Measuring and mapping spatial patterns of lead (Pb) in residential lawn and parkway soils in four Chicago communities



**Ida Salusky, Ph.D.**, Department of Health Sciences  
The role of identity and supportive social networks in college persistence for undocumented first-generation college students

**Bridget Tenner, Ph.D.**, Department of Mathematical Sciences  
Braid classes in Coxeter systems



**Susan Tran, Ph.D.**, Department of Psychology  
Adolescent patient and parent accounts of treatment and impact of Hypermobile Ehlers-Danlos Syndrome

**Jessica Vogt, Ph.D.**, Department of Environmental Science and Studies  
CommuniTree Program Evaluation: Understanding multi-organizational partnerships for planting trees in underserved communities in Northwest Indiana



**Kashica Webber-Ritchey, Ph.D.**, School of Nursing  
The role of the environment in physical activity among African American parents and their young children



## COLLEGE OF SCIENCE AND HEALTH – UPCOMING EVENTS AND CALENDAR

- April 15**      [2018 Chicago Area Undergraduate Research Symposium \(CAURS\)](#),  
Lincoln Park Student Center, 9 am
- April 18**      *CSH Spring Quarter College Meeting*, McGowan South, 3 pm – 5 pm  
This meeting will feature:
- College updates from the Dean, Gerald P. Koocher, Ph.D., ABPP
  - Teaching Award Presentation by Susan Fischer, Ph.D., Department of Physics
  - Management Standards training by Director of Internal Audit, Emily Opalski
- April 20**      *CSH Spring Quarter Colloquium*. This colloquium will feature CSH research presentations by Eric Landahl, Ph.D. and James Montgomery, Ph.D. and a discussion after the presentations with lunch provided. RSVP by April 17 to [CSHresearch@depaul.edu](mailto:CSHresearch@depaul.edu). McGowan South 404, 11:30 am – 12:45 pm.
- Chemistry Seminar Series* – Shivaputra Patil, Ph.D., Rosalind Franklin University, "A Medicinal Chemistry Approach to Identify New Anticancer and Antiviral Agents," McGowan South 103, 1 pm
- Fashion Revolution*. Fashion Revolution Week occurs every year in remembrance of the Rana factory collapse in Bangladesh that killed 1,138 people due to gross negligence of safe working conditions. This year, several DePaul University departments and student organizations will partner to host an evening centered on the question: how can we support global ethical and sustainable practices in the garment industry? The event includes a dynamic fashion fair, inspiring guest speakers, and a 'Sustainable Style' fashion show. [Lincoln Park Student Center 120 A & B](#), 4:00 pm – 8:30 pm
- April 21**      *Chicago Section of the American Association of Physics Teachers Spring Meeting 2018*. The featured speaker will be Dr. Rhett Allain. Register [here](#). Byrne Hall 208, 8:30 am – 4:00 pm
- April 26**      [Undergraduate Research Assistant Program \(URAP\)](#) applications due
- April 27**      *New Faculty Seminar PLUS*. McGowan South 402, 1:30 pm – 3 pm
- Mathematics Colloquium* – Todd Kemp, Ph.D., University of California – San Diego. [Levan Center 201](#), 3:30 pm – 4:30 pm
- May 1**      *TEDxDePaulUniversity 2018*. TEDxDePaulUniversity is an independently run, self-organized event. Speakers from across the DePaul community will aim to challenge thoughts and inspire ideas through a series of engaging talks and presentations. This year's theme is "Reimagine" – a single word inviting speakers to develop talks or performances that challenge the status quos, systems, and standards of today. One of the speakers will be CSH alumna Adia Gooden (Clinical Community Psychology '13). [Lincoln Park Student Center 120 A & B](#), 1 pm – 5 pm
- McNair CSH Faculty Mentorship Fellowship* applications due



## COLLEGE OF SCIENCE AND HEALTH – UPCOMING EVENTS AND CALENDAR

- May 2** *Beasts at Bedtime Book Launch Event and Reception.* The DePaul University Institute for Nature and Culture celebrates the release of Environmental Science and Studies professor Dr. Liam Heneghan's new book, *Beasts at Bedtime: Revealing the Environmental Wisdom in Children's Literature*. RSVP by April 15 for reception to [naomi.leighton@depaul.edu](mailto:naomi.leighton@depaul.edu). McGowan South TBD, 7 pm
- May 4** *Chemistry Seminar Series* – Stephanie Cologna, Ph.D., University of Illinois at Chicago, "Mass Spectrometry/Metabolite Detection," McGowan South 103, 1 pm
- Mathematics Colloquium* – Jinho Baik, Ph.D., University of Michigan. [Levan Center 201](#), 3:30 pm – 4:30 pm
- May 11** *Physics Graduating Student Celebration.* Join the Department of Physics to congratulate physics students on their graduation. [Byrne Hall 208](#), 12 pm – 2 pm
- May 15** [Graduate Research Fund \(GRF\)](#) applications due
- May 18** *Chemistry Seminar Series* – Alexandra Kolberg, graduate student at Northwestern University, "Spinal Cord Regeneration/Peptide Self-Assembly," McGowan South 103, 1 pm
- Biological Sciences Senior Symposium*, McGowan South 104, 1 pm – 2 pm
- [Center for Access and Attainment CSH Faculty Research Fellowship](#) applications due
- May 21** *Psych Night.* In addition to showcasing student research, Psych Night is an opportunity for the Psychology department to celebrate some of its brightest students for their scholarship and service. Lincoln Park Student Center 120 A & B, 4 pm – 6 pm
- May 28** Memorial Day – University officially closed
- May 31** *CSH Honors Ceremony*, Student Center 120, 6 pm – 9 pm
- June 1** *Chemistry Seminar Series* – Jeff Ting, Postdoctoral Fellow at University of Chicago, "Organic Synthesis/Medicinal Chemistry," McGowan South 103, 1 pm
- June 4-5** *CSH Commencement Kick-Off Event.* This event is where CSH students will receive important information needed for commencement day. Most importantly, this is when students will pick-up their [commencement tickets](#) and their [cap and gown](#). [Lincoln Park Student Center 120 A & B](#), 10 am – 6 pm
- June 8** *Baccalaureate Mass*, [St. Vincent de Paul Church](#), 4 pm
- June 9** *College of Science and Health Commencement Ceremony*, [Wintrust Arena](#), 1:30 pm – 4 pm

Thank you to all contributors!  
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extensive work on this newsletter.

If you have an idea for features, honors, awards, events, and/or news items that you would like considered, please send them to [CSHDean@depaul.edu](mailto:CSHDean@depaul.edu), or contact the CSH Newsletter Publication Editors [Kurtis Todd](#) and [Susan D. McMahon](#).



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