



Preparing people to lead extraordinary lives

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A. Susan Clarke,
Newsletter Editor

RESEARCH UPDATE

Volume 9 Issue III

Summer 2017

ORS News

NEH 2018 Summer Stipend: Potential Limited Competition

ORS would like to remind Loyola humanities faculty that the National Endowment for the Humanities (NEH) deadline for 2018 Summer Stipends is September 27, 2017. Summer Stipends provide \$6,000 for two consecutive months of research and writing. There is a limit of two applications per institution. Thus, if there are more than two faculty who want to apply, ORS will conduct an internal competition.

If you are interested in applying, please contact Susan Clarke in ORS (aclarke@luc.edu) by August 1 in order to facilitate coordination of the internal competition should it be necessary.

Complete information about the program, including sample application narratives, can be found at <https://www.neh.gov/grants/research/summer-stipends>

RCRS Summer 2017 Registration

In support of the University Mission and in accordance with federal regulations, Loyola has implemented a Responsible Conduct in Research and Scholarship (RCRS) instructional program in research ethics. The next RCRS course session is scheduled for August 24th and 25th, 2017 in IES Room 110.

You may register for this session through LOCUS. Please contact Andrew Ellis (aellis5@luc.edu) if you have any questions. For the syllabus and other details, please see: <http://www.luc.edu/ors/RCRHome.shtml>

News from the Centers of Excellence

Center for Criminal Justice Research, Policy and Practice (CCJ)

David Olson Receives Inaugural Candice M. Kane Lifetime Service Award

Dr. David Olson is the inaugural recipient of the Illinois Criminal Justice Information Authority (ICJIA) Candice M. Kane Lifetime Service Award. The annual award is given to individuals who embody Candice's legacy of humility, innovation, and dedication to improving ICJIA's work.

A Loyola University Criminal Justice Professor and Co-Director of the University's Center for Criminal Justice Research, Policy and Practice, Dr. Olson has been a tremendous asset to ICJIA and the criminal justice community for nearly 30 years, providing support and expertise in countless research projects and sharing his wealth of knowledge with ICJIA staff, as well as practitioners, lawmakers, and policymakers across the state.

The award was presented to Dr. Olson by ICJIA Executive Director John Maki at a Celebration of Candice's Life on May 24 at Adler University.

Center for Math and Science Education (CSME)

Karin Lange Receives NCTM Award

Karin Lange, Assistant Director of Math Programs in CSME, along with co-authors Dr. Kelly McGinn and Dr. Julie Booth, both from Temple University, were awarded the *Linking Research and Practice Outstanding Publication Award for 2016-2017*, by the National Council of Teachers of Mathematics (NCTM). They were recognized for their article "A Worked Example for Creating Worked Examples," published in the August 2015 edition of *Mathematics Teaching in the Middle School*. This award was given as part of NCTM's commitment to increase the connections between research and practice in mathematics education.

Karin also presented at the NCTM Research Conference in San Antonio, TX this past spring, with a presentation entitled *Urgency in Math Classrooms: Research Partnerships for Instructional Change*.

Public Choice Award for CSME Video

CSME presented its video, *Cultivating Whole School Implementation of the Next Generation Science Standards*, during the 2017 STEM For All Video Showcase funded by the National Science Foundation. The theme of this year's conference was "Research and Design for Impact" and included 150 videos from across the country in a forum that allowed researchers, practitioners, administrators and policy makers to interact online from May 15-22, 2017. **Rachel Shefner** and **Stacy Wenzel** responded to comments posted about the video during the entire week. The video received *Public Choice* recognition by obtaining a large number of votes from people who viewed the video.

Linda Brazdil Recognized with Faculty Partner Award

CSME Director **Linda Brazdil** has been honored as a faculty member who has supported Student Academic Services and its retention and enrichment programs outside the classroom.

NSF Noyce Scholar Grant to SOE, collaborators in CSME

A prestigious National Science Foundation (NSF) Robert Noyce Scholar Program grant has been awarded in the amount 1.2 million dollars to fund a collaboration to better prepare Chicago Public School (CPS) math and science teachers. **PI Lara Smetana** of the School of Education will work with co-PIs Jim Breunlin, Peter Tingley, **Linda Brazdil** and **Karen Lange** on the training of math and science teacher candidates who will later teach in high-needs CPS schools.

Senn High School Partnership

Approximately 250 neighborhood freshmen and sophomores at Senn High School completed the Loyola STEM Challenge to propose ways to reduce energy consumption or produce energy more sustainably for their school. This project served as part of their Design Course, a STEM course created in collaboration with CSME faculty. Twenty-two undergraduates from Loyola served as online mentors for the students during this challenge. On April 27, the top team presented their project, proposing windmills on the roof at Senn High School, at the Illinois Science and Technology Institute's STEM Challenge Student Showcase at Motorola Mobility in Merchandise Mart.

This project was carried out as part of Loyola's "Plan 2020: Building a More Just, Humane, and Sustainable World", specifically working to expand and deepen the partnerships with PK-12 schools in Rogers Park and Edgewater.

Loyola Math and Science Connections Project

CSME received a grant from the Illinois State Board of Education (ISBE) to partner with Chicago Public School's (CPS) Network 8 and the CPS Department of STEM to host professional learning communities to build K-8 teachers' knowledge of math (Common Core State Standards) and science (Next Generation Science Standards) standards; implementation practices that make connections between math and science; use of formative assessment to guide student learning; and leadership skills. Thirty-three teachers from eight schools attended the kickoff event on June 26. These teachers will also participate in two book studies, attend a 2-week summer institute, and attend professional activities throughout the 2017-2018 school year.

Advanced Placement Summer Institute

July 10-14 will bring approximately 172 teachers to campus for our Advanced Placement Summer Institute (APSI). Workshops in biology, calculus AB, calculus BC, chemistry, environmental science (at LUREC), physics 1, physics C, statistics, computer science principles, economics, and human geography are being offered. These workshops are endorsed by the Midwest Regional Office of the College Board, led by College Board-certified AP consultants, and provide participants with the experiences necessary to successfully teach an advanced placement course in their discipline.

Center for the Human Rights of Children (CHRC)

Students Work With CHRC on Children's Rights

With graduation and commencement season upon us, we join our Loyola University Chicago community in celebrating the special achievements of our students. Over the years, the Center for the Human Rights of Children (CHRC) has worked with amazing students from various disciplines, including law, psychology, social work, education, public health, and even biology!

Each student brings a unique perspective, fresh ideas, and a shared commitment to children's rights. This spring, we wish a happy graduation to two students, Alison Davis and Jaye Hobart. Last year, [Alison \(Wallace\) Davis](#) (LUC School of Law) had the opportunity to join CHRC Director **Katherine Kafka Walts** in Geneva, Switzerland to present before the UN Committee on the Rights of the Child as part of CHRC [research and advocacy efforts](#) to address child trafficking in the United States. [Jaye Hobart](#), a graduating senior from the University of Chicago School of Social Service Administration, worked with CHRC to organize events, wrote a [blog](#) about the importance of education for undocumented students, and helped develop our Graduate Scholar Program. Please join CHRC in congratulating Alison and Jaye, and to wish them the best as they move onto the next chapter of their lives!

Gannon Center for Women and Leadership

Gannon Center Announces Faculty Fellows for the 2017-2018 Academic Year

The Gannon Center has awarded two Faculty Fellowships for the 2017-2018 academic year. **Noni Gaylord-Harden, PhD**, Associate Professor of Psychology, and **Patricia M. Sheehan, PhD, RD**, Assistant Professor of Nursing, will be advancing original research in their particular fields. Each will be focused on her research proposal during the spring of 2018 and the Gannon Center will reimburse her department with the cost of her teaching replacement. Dr. Gaylord-Harden's proposal, "Understanding reactivity to community violence exposure in African American adolescent females from low income, urban communities in Chicago" focuses on desensitization as one of the most dangerous consequences of high levels of exposure to violence. Dr. Sheehan's proposal, "Body composition, symptom

burden and quality of life in women with metastatic breast cancer: A neglected group of survivors”, examines the interplay of body composition, effective lifestyle interventions, and recovery from cancer treatment.

Gannon Center Announces Five New Johnson Scholars for 2018-2020

The Gannon Center has awarded five rising juniors with the Johnson Research Scholarship for their junior and senior years. Each will be awarded a \$4000 scholarship with a \$1500 research grant each year.

Colette Copic will be working with faculty mentor, **Dr. Amy Krings**, from the School of Social Work, on researching the “Effective mobilization and allyship in environmental community organizing: Case study of Pilsen, Chicago.”

Grace Koch, a theatre and political science major, will be investigating theatrical interventions to address the rancor that accompanies political discussions across the conservative-liberal spectrum.

Olivia LaRocco will be working with **Dr. Ruth Gomberg-Munoz**, from the Anthropology Department, will be exploring the impact of mass job loss on crime rates, health, family, education, and finding employment in a post-manufacturing economy.

Margaret Schroer will research the effects of yoga on college students with depression and anxiety. Working with **Dr. Rebecca Silton** in the Well-being and Emotion Laboratory inspired Maggie to pursue this inter-disciplinary project.

Michelle Sharpe, an education major, will be working with School of Social Work mentors, **Dr. Maria Vidal De Haymes and Dr. Amy Krings**, on evaluating the Parent Mentor Programs for its effectiveness in supporting parents improve the academic outcomes of their children and promoting parents as agents of engagement, integration and investment between immigrant families, schools and communities.

Nominees Sought for the Carolyn Farrell Endowed Chair

The Ann Ida Gannon Center for Women and Leadership at Loyola University Chicago invites nominations and applications for an endowed chair, the Carolyn Farrell, BVM, Chair for Women and Leadership. This position is open to Loyola faculty who are in a tenure-track position and interested in pursuing transdisciplinary research focused on the intersection of women, leadership and social justice. Candidates from all academic disciplines are welcomed. There is a three-year term for the Chair who will receive an annual \$10,000 research fund in addition to salary and benefits.

Applicants should submit a current Curriculum Vitae, a letter of interest outlining the candidate's qualifications, a research statement, samples of scholarly writing, and contact information for three references to www.careers.luc.edu. References will not be contacted immediately but may be contacted at subsequent points in the review process. Address questions to Janet Sisler, Director, Gannon Center for Women and Leadership, jsisler@luc.edu or 773.508.8435.

Fall Programs from the Gannon Center

Dr. Eve Ewing: Sociologist of Education, Poet and Essayist

September 14, 2017 at 2:30 pm in Schmidt Room of Damen

Non-Violence Works; Symposium

November 4-5, 2017

Lake Shore Campus, Various Sites

Funding Feminism: Monied Women, Philanthropy and the Women's Movement: Dr. Joan Marie Johnson

November 8 at 4pm in Piper Hall

A Radical Faith, Maura Clarke: Eileen Marke

November 14, 2017 at 1pm on the 4th Floor of the IC

Federal Agency News



NIH Abandons Plan to Limit Per-Person Grant Awards

Facing protests from senior scientists, including members of its own advisory board, the National Institutes of Health on Thursday abandoned a plan to help younger researchers by imposing a general [three-grant limit](#).

Instead, the NIH is moving forward with a more complicated formula in which scientists who win a first grant under a program designed to aid first-time applicants will [get priority for their second grant](#).

The agency says it is shifting to a new strategy but not from its goal of helping younger scientists compete for NIH support.

"We are shifting the approach quite substantially," the NIH's director, Francis S. Collins, told a gathering of his advisory panel, a collection of about 15 senior academic researchers that largely opposed his first plan.

The new plan will still boost younger scientists, Dr. Collins and other NIH officials emphasized. But the three-grant limit was scuttled largely because NIH experts no longer felt confident in the data analysis they used to develop it.

Dr. Collins told Congress last month that he wanted the planned limit — scientists would be allowed to hold no more than the equivalent of three full-size NIH grants at any one time — because of internal NIH data showing three grants to be the point where researcher productivity as measured by journal citations tends to decline.

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But, Dr. Collins told the advisory panel Thursday, outside analyses raised doubts about that conclusion. In addition, he said, NIH officials heard questions about how exactly to measure a three-grant equivalency in situations such as team projects. And, he said, critics questioned whether such a "formula-driven approach" fit with the NIH's longstanding commitment to merit-based grant awards.

The NIH's deputy director, Lawrence A. Tabak, who played a central role in [drafting the new plan](#), described his fear that researchers who manage to win an initial NIH grant face a fundamental disadvantage because they usually lack the internal institutional resources that a senior faculty member can tap to keep his lab alive in the event of a subsequent grant rejection. "They have more resiliency," Dr. Tabak said of older scientists. "They're able to stay in the game long enough."

(From a post to the NIH catalyst, June 8, 2017)

Other News

2018 Fulbright Scholars Program

Reminder: Fulbright Scholar Program deadline August 1, 2017

The following information and links should be helpful:

Unsure if you're eligible?

- ▶ Review [eligibility requirements](#); US citizenship required

Need Guidance?

- ▶ [Sample Project Statements](#)
- ▶ [Letters of Invitation](#)

Ready to Apply?

- ▶ [Start your 2018-19 Application!](#)

For Upcoming Webinars: <http://www.cies.org/event-type/webinar-schedule>

Archived Webinars: <http://www.cies.org/event-type/webinar-schedule>

[Virtual Advising: Asia](#)

[Global Hidden Gems](#)

[Fulbright U.S. Scholar Distinguished Chair Awards](#)

[Audio Fulbright U.S. Scholar Distinguished Chair Awards 6-20-2017](#)

[PowerPoint PDF Fulbright U.S. Scholar Distinguished Chair Awards 6-20-2017](#)

[Scholar-in-Residence Program Application Walk Through](#)

Special Note: Global Hidden Gems Webinar (archived)

There are nearly 500 awards available for the 2018-2019 Core Fulbright U.S. Scholar competition. Some of them are widely known, but others may not garner as much attention. Join this presentation to hear more about awards considered by Fulbright staff to be the hidden gems of the competition. Our speakers will demystify award requirements, share tips for applying, and answer applicant questions.

- See more at: <http://www.cies.org/event/global-hidden-gems#sthash.Sw92dvDo.dpuf>

Fulbright website home: <http://www.cies.org/>

Team Science Study Reports Available

The Canadian Academy of Health Sciences (CAHS) has just published its report on team science, "[Academic Recognition of Team Science: How to Optimize the Canadian Academic System](#)," which focuses in recognition and credit. It's the third national team science report to be published, following the 2015 [US National Research Council](#) (National Academies) and [UK Academy of Medical Sciences](#) team science reports.

Overview: <http://www.caHS-acss.ca/academic-recognition-of-team-science-how-to-optimize-the-canadian-academic-system/>

Executive Summary: <http://www.caHS-acss.ca/wp-content/uploads/2017/07/2017-06-22-Team-Science-Exec-Sum-Eng-FINAL-Web.pdf>

Full Report: <http://www.caHS-acss.ca/wp-content/uploads/2017/07/2017-06-22-Team-Science-Report-Eng-FINAL-Web.pdf>

Upcoming Events of Interest



National Humanities Alliance

Registration will open later this month for the National Humanities Conference, to be held November 2-5, 2017 in Boston.

This year's [National Humanities Conference](#) will explore how humanities practitioners and scholars can deepen, expand, and even re-envision the public role of the humanities. NHA co-hosts this conference with the Federation of State Humanities Councils, bringing together scholars and public humanities practitioners to explore how we can achieve broader public impact.

National Humanities Alliance
<http://www.nhalliance.org/>

HASTAC 2017: The Possible Worlds of Digital Humanities

Date: November 2, 2017 to November 4, 2017

Type: Call for Papers

Location: Orlando, FL

Subject Fields: Digital Humanities, Historic Preservation, Humanities, Media Arts, Teaching and Learning

Website: <http://hastac2017.org/>

Call for Papers: National Humanities Conference 2017 working group, Using Media to Develop Humanities Narratives

Date: Papers accepted June 15, 2017 to July 28, 2017

Type: Call for Papers

Location: Massachusetts

Subject Fields: Digital Humanities, Historic Preservation, Humanities, Public History, Teaching and Learning

Website: <https://networks.h-net.org/node/73374/announcements/183562/cfp-national-humanities-conference-2017-working-group-using>

Call for Papers: Approaches to Teaching and Learning with Urban Spaces – NeMLA 2018

Date: September 30, 2017 (CFP Deadline)

Type: Call for Papers

Location: Pennsylvania

Subject Fields: Digital Humanities, Humanities, Linguistics, Literature, Teaching and Learning

Website: <https://networks.h-net.org/node/73374/announcements/184311/call-papers-approaches-teaching-and-learning-urban-spaces-%E2%80%93>

Social Movements and Resistance, Critiquing Culture Conference

Date: October 7th, 2017

Type: Conference

Location: George Mason University, Virginia

Subject Fields: Race Studies, Women's & Gender History, Cultural History, Popular Culture, Humanities

Website: <https://networks.h-net.org/node/73374/announcements/184550/cfp-social-movements-and-resistance-critiquing-culture>

Loyola University Funding News

Congratulations to Loyola faculty for winning the following public and private awards!

Recent Awards: Government Funding

(Grants Awarded 3/1/2017– 6/30/2017)

PI: Albert, Mark (Computer Science)

Co-PI: Shparii, Ilona (Computer Science)

“Real-time Fall Detection and Response on Mobile Phones using Machine Learning”

National Institute on Disability & Rehab. Research; Rehabilitation Institute of Chicago, \$4,128

PI: Berg, Martin (Biology)

“Incorporating Environmental Change in Planning for Healthy Coastal Ecosystems and Economies”

National Oceanic and Atmospheric Administration; University of Alaska-Anchorage, \$11,751

PI: Cheverud, James (Biology)

“The Role of Continuous Phenotypic Variation in Structural Defects of the Face”

National Institutes of Health; University of California San Francisco, \$77,220

PI: Goheen, John (School of Communication)

“Chicago/Moscow Project”

U.S. Agency for International Development; Eurasia Foundation, \$50,230

PI: Greenberg, Ronald (Computer Science)

“What Features of the Exploring Computer Science Course Equitably Inspire Students to Pursue Further Computer Science Coursework?”

National Science Foundation; Learning Partnerships, \$16,000

PI: Jing, Ping (Institute of Environmental Sustainability)

“Development of a Rossby Wave Breaking Index as an Indicator for the National Climate Assessment”

National Aeronautics & Space Administration, \$57,672

PI: Kallemeyn, Leanne (School of Education)

“Continuous Quality Improvement for the Fussy Baby Network Advanced Practice Training Expansion”

U.S. Department of Health and Human Services; Erikson Institute, \$13,458

PI: Kaufman, Michael (School of Law)

Co-PI: Novy, Michael (School of Law)

“2016 - 2018 Multi-Year Low Income Tax Clinic”
Internal Revenue Service, \$95,001

PI: Kennedy, Adam (School of Education)

Co-PI: Thier, Kimberly (School of Education)

“Specialized Educators for Early Development (SEED)”

U.S. Department of Education, \$250,000

PI: Kroll, William (Biology)

“Research and Engineering Apprenticeship Program (REAP 2017)”

U.S. Army; Academy of Applied Sciences, \$5,000

PI: Li-Grining, Christine (Psychology)

“Type, Timing, & Turbulence of Poverty-Related Risk: Long Term Evidence from CSRP”

National Institutes of Health; New York University, \$116,611

PI: Morrison, Diane (School of Education)

“Illinois State Board of Education Personnel

Development Grant: IHE Partnership”

Illinois State Board of Education (ISBE)

Southern Illinois University Edwardsville, \$5,146

PI: Putonti, Catherine (Biology)

“Collaborative Research: Deciphering the Vast Genetic Diversity of Virus through Gene Networks”

National Science Foundation, \$615,285

PI: Schiller, Diane (School of Education)

“GEAR UP 4”

U.S. Department of Education; Northeastern Illinois University, \$577

PI: Schiller, Diane (School of Education)

“GEAR UP 5”

U.S. Department of Education; Northeastern Illinois University, \$145,629

PI: Schiller, Diane (School of Education)

GEAR UP 6”

U.S. Department of Education; Northeastern Illinois University, \$289,586

PI: Shefner, Rachel (Center for Science and Math Education)

“Teacher Action Research Grants”

Illinois Board of Higher Education, \$12,000

PI: Smetana, Lara (School of Education)
Co-PI: Breunlin, R James (School of Education)
Co-PI: Brazdil, Linda (Center for Science and Math Education)
Co-PI: Tingley, Peter (Mathematics & Statistics)
Co-PI: Lange, Karin (Center for Science and Math Education)
 "Redefining Urban STEM Teacher Preparation by Teaching, Learning, and Leading with Schools and Communities (LUC NOYCE Scholars)"
 National Science Foundation, \$642,292

PI: Walts, Katherine (Center for the Human Rights of Children)
Co-PI: Avrushin, Adam (Center for the Human Rights of Children)

"FY16 Project Beacon: Increasing Services for Urban American Indian and Alaska Native Victims of Sex Trafficking"
 U.S. Department of Justice; American Indian Center of Chicago (AIC), \$176,348

PI: Wheeler, Heather (Biology)
 "Predicting Gene Regulation Across Populations to Understand Mechanisms Underlying Complex Traits"
 National Human Genome Research Institute, \$386,100

PI: Wheeler, Heather (Biology)
 "Predicted Gene Expression: High Power, Mechanism, and Direction of Effect"
 National Institutes of Health; University of Chicago, \$16,261

Recent Awards: Private Funding

(Grants Awarded 3/1/2017 – 6/30/2017)

(Some proposals to private organizations are coordinated with the Office of Corporate and Foundation Relations)

PI: Boyle, Michael (School of Education)
 "Catholic Principal Preparation Program"
 Helen Brach Foundation, \$50,000

PI: Cavanaugh, Daniel (Biology)
 "Interaction Between the Circadian and Stress Systems in the Control of Behavioral Outputs"
 Brain and Behavioral Research Foundation (NARSAD), \$35,000

PI: Ceko, Theresa (School of Law)
 "Veteran's Legal Clinic"
 Illinois Equal Justice Foundation, \$20,000

PI: Engberg, Mark (School of Education)
 "Strengthening the Graduate Education Pipeline through Diversity: Examining Factors that Influence Aspirations, Enrollment, and Completion"
 Association for Institutional Research (AIR);
 New York University, \$22,000

PI: George, Christine (CURL)
 "Assessing the Network Effects of ISEIF Public Education Efforts"
 Illinois Science and Energy Innovation Foundation, \$35,000

PI: Hubbell, Lee (School of Education)
 "LUC Choice-Brach 2017"
 Helen Brach Foundation, \$50,000

PI: Katsouros, Stephen (Arrupe College)
 "Undergraduate Scholarships, Arrupe College"
 Mazza Foundation, \$100,000

PI: Moon, Seung-ho (School of Education)
 "Korea's Seo-dang Education: Examining Indigenous Epistemology and Theorizing Diverse Pedagogy"
 Academy of Korean Studies (AKS), \$13,367

PI: Ryan, Ann Marie (School of Education)
 "International Baccalaureate 50th Anniversary Timeline Project"
 International Baccalaureate Organization, \$1,500

PI: Richards, Maryse (Psychology)
 "Saving Lives, Inspiring Youth (S.L.I.Y) Peer Mentoring"
 Chicago Community Trust, \$9,980

PI: Santiago, Catherine (Psychology)
 "You Are Not Alone Evaluation"
 Lurie Children's Hospital (formerly Children's Memorial Hospital), \$31,732

PI: Shefner, Rachel (Center for Science and Math Education)
 "Big Shoulders Fund Bridge Support for Next Generation Science Standards Year 3"
 Big Shoulders Fund, \$10,000

PI: Spitz, Gina (CURL)
Co-PI: Van Zytveld, David (CURL)
 "Recruiting Women in Manufacturing"
 Jane Addams Resource Corporation, \$22,164

PI: Tyson, Katherine (School of Social Work)
"Saving Lives, Inspiring Youth: Harper H.S., Advanced Apprenticeship Summer 2017"
After School Matters, \$5,453

PI: Tyson, Katherine (School of Social Work)
"Saving Lives, Inspiring Youth: Harper H.S., Pre-Apprenticeship Summer 2017"
After School Matters, \$4,112

*ORS wishes all Loyola faculty
a relaxing and rejuvenating summer!*



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