
OFFICE OF RESEARCH SERVICES (ORS)



Preparing people to lead extraordinary lives

FALL 2022 NEWSLETTER



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MESSAGE FROM THE VICE PROVOST FOR RESEARCH

Dear colleagues,

It is my privilege to share some updates regarding the world of research at Loyola University Chicago. As you know, Loyola is home to leading-edge research and innovative education programs that support the development and implementation of solutions to complex challenges that face our communities – both locally and globally. In the Office of the Vice Provost for Research, we strive to enhance the competitiveness and prominence of our research programs by incentivizing and “seeding” novel innovations, investing in infrastructure, and implementing faculty development programs that help Loyola faculty succeed in securing funding for the conduct and dissemination of their societally-relevant programs of research. Working across Loyola University Chicago’s three campuses, we are committed to facilitating inter-disciplinary collaboration and innovation, thus enabling our community of faculty, staff and students to effectively address the numerous contemporary challenges that face our society, across the spectrum of age, gender and ethnicities, consistent with our Mission, and with the goal of creating a better and more just tomorrow.



Over the course of the past two years, we have launched several programs/initiatives to advance and/or meet our goals, including:

- 1) Forming a Research Advisory Council (RAC), consisting of faculty who represent disciplines of research and discovery across Loyola's three Chicago area campuses. This group is a sounding board for the Vice Provost for Research, and serves as advisors on matters related to research, to include the needs of various programs, and defining and prioritizing challenges and opportunities.
- 2) Launching the "Press Book" initiative, a compilation of brief descriptions of faculty members' research expertise and experience. This initiative will help increase awareness of Loyola's research and training endeavors. And, it may be a resource for University Marketing Communications and Advancement teams to generate awareness of and philanthropic support for this work.
- 3) Evaluating and addressing gaps to best serve and support the research needs of the faculty and their research teams. These include addressing the staffing model (e.g., in Office of Research Services), system/software needs, and capital investments.
- 4) Investing in pilot/seed grants that help faculty explore innovative ideas and that can serve as the foundation of new programs to address the complex societal challenges referenced above. Examples of two new pilot/seed grant programs include the Justice, Equity, Diversity and Inclusion (JEDI) grants (soliciting innovative ideas to address disparities in the broadest sense of the word, and the Transformative grants, to promote inter-disciplinary collaborations.

The goal of this Office is to serve and help realize the research-related vision of the Chairs, Deans, and Institute Directors across Loyola University Chicago, while providing the resources and guidance to help ensure the responsible and ethical conduct of research. Together, I am confident that we will continue to make progress and achieve the goals of the University's Strategic Plan, built on enduring values. The Plan includes developing interdisciplinary and innovative research that addresses the contemporary and ever-evolving challenges facing our communities, nation and world. While I know we have much work ahead, I am inspired and encouraged by the passion and commitment of our community of students, faculty, and staff. Your tireless hard work and commitment will help us succeed. I look forward to working with you.

Sincerely,

Meharvan (Sonny) Singh, PhD

Vice Provost for Research

Loyola University Chicago

COLLEGE OF ARTS AND SCIENCE'S NEWEST RESEARCH CENTER UNVEILED

This summer saw the launch of the [Center for Criminal Justice Research](#), the newest interdisciplinary research center in the College of Arts and Sciences (CAS). The Center had been incubated by faculty in the CAS and the School of Law since 2015, but is now a formal Center within CAS. The Center for Criminal Justice Research promotes criminal justice reform and system improvement through externally funded research on vital contemporary issues like gun violence, mass incarceration, prosecutorial decision-making, and bail reform. Through its work, the Center hopes to generate practical, accessible, and useful knowledge about fair and effective responses to crime and violence, have a timely impact on real-world policymaking, provide undergraduate and graduate students with unique learning and engagement opportunities, and raise Loyola's national influence and visibility on one of the most important social justice issues of our time.

The Center is co-directed by Professors Dave Olson and Don Stemen of the Department of Criminal Justice and Criminology, who have secured more than \$5 million in criminal justice research grants over the past five years. That means that, though the CAS Center technically just opened its doors on the 8th Floor of the Mundelein Center, it already has an ambitious research portfolio and a strong and diverse network of partners and funders—including federal agencies like the National Institute of Justice, the Bureau of Justice Assistance and the National Institute on Drug Abuse; a range of state and local government collaborators, including the Illinois Supreme Court and the Illinois Department of Corrections as well as courts, prosecutors, defenders, and sheriffs in counties across the state; nonprofit and community groups like the Illinois Justice Project; and prominent national foundations that include Arnold Ventures, the John D. and Catherine T. MacArthur Foundation and the Joyce Foundation.

The Center is intended to be interdisciplinary—to bring all the resources of a large research university to bear on the problem of responding to crime and securing public safety—and Olson and Stemen are eager to collaborate with academic colleagues across Loyola. If you have ideas for interdisciplinary approaches that may fit with the Center's overall mission of improving the criminal justice system through research, please contact them at Dolson1@luc.edu and Dstemen@luc.edu.

OPEN ACCESS NEWS

From the University Library

Making Your Work Open Access

If you're interested in open access but unsure of where to start, talk your [subject specialist librarian](#). They can help guide you to good journals, and discuss scholarly communication trends in your discipline.

- [eCommons](#): Working with Publishers & Open Access.

A guide to how to make your work available open access in eCommons.

- [How](#) to make your own work open access

Article Publishing Fees

Article Processing Charge (APC) Waivers

Loyola currently has agreements with two publishers that allow Loyola faculty and students to publish open access in their journals without paying the article processing charge. The publishers and requirements are listed below.

[Wiley](#): Article publication charges (APCs) for primary research and review articles published by corresponding authors currently affiliated with Loyola University Chicago will be covered as part of Loyola University Chicago's agreement with Wiley*. To qualify, articles must be published open access in a hybrid journal and must have been accepted on or after 1 Jan 2022.*subject to availability of sufficient funds.

[Cambridge University Press](#):

Have a [corresponding author](#) affiliated with Loyola University.

Be original research – [eligible article types](#) are research articles, review articles, rapid communications, brief reports and case reports.

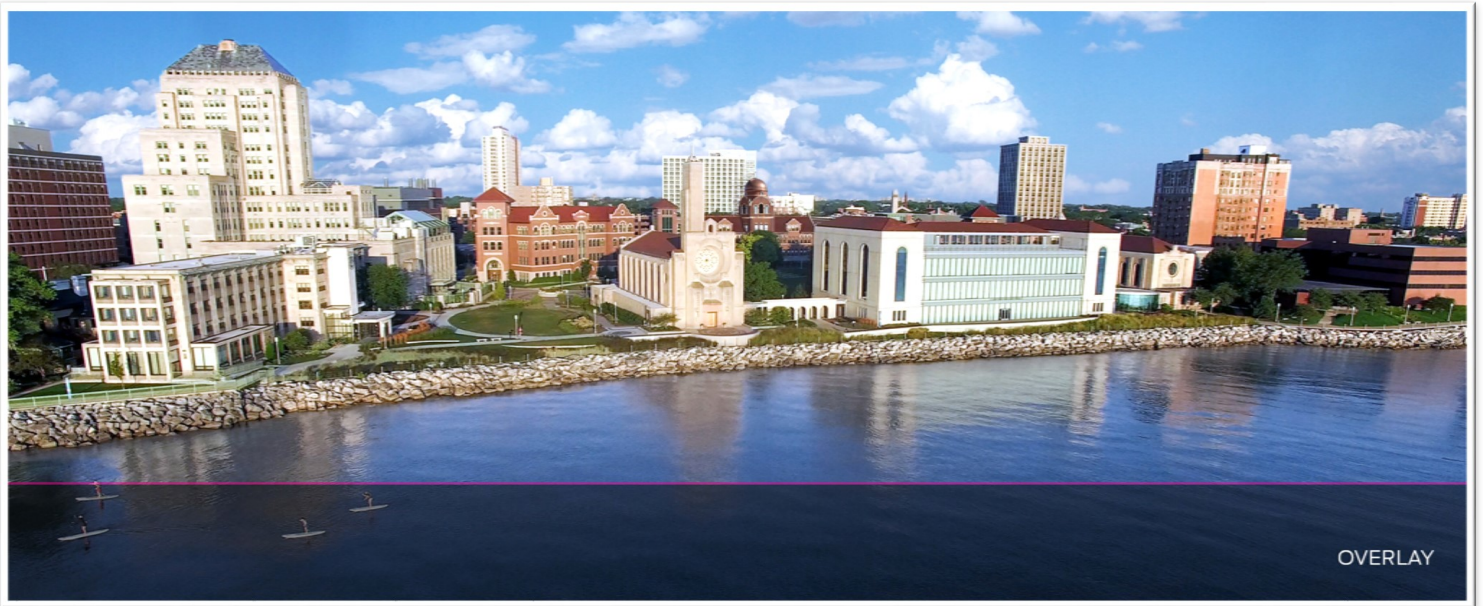
Be accepted for publication in a [Cambridge University Press journal covered by the agreement](#).

Be accepted for publication from 1 January 2022.

For full details and instructions, click [HERE](#).



COMPLIANCE NEWS



RCRS Update

The Spring 2023 session of the [RCRS UNIV-370 program](#) is scheduled for January 12th-13th. Registration in the next session is open now through LOCUS and will be limited to 40 participants. If you have questions or suggestions, please contact Andy Ellis (aellis5@luc.edu).

Here to Help

The [ORS Compliance Team](#) is available to assist Loyola University Chicago researchers with obtaining all research related approvals. When it is time to plan human subject research, animal activities, or work with hazardous materials please contact Laura Loeb, Compliance Specialist, with questions or for help with the applications. Laura can be consulted at any stage of the research project from initial planning to final closure.

Laura Loeb, PhD
Compliance Specialist
lloeb1@luc.edu

Phone: 773-508-8831

DIRECTOR'S CORNER

Angelica Vaca, ORS Director

Dear Researchers;

As we prepare to say farewell to 2022 and welcome 2023, federal agencies such as NSF and NIH have introduced their policies' updates.

NSF

NSF recently rolled out the announcement to the NSF Proposal and Award Policies & procedures Guide (PAPPG) (23-1). The updated PAPPG will be in effect for proposals submitted on or due after January 30, 2023.

<https://beta.nsf.gov/policies/pappg/23-1>

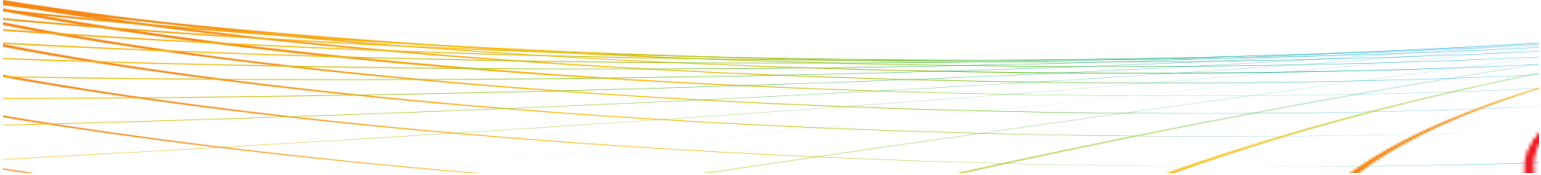
Summary of change:

- Revisions to incorporate Research.gov as the replacement for FastLane for proposal preparation and submission;
- Information about the use of Broad Agency Announcements (BAAs) and the BAA Management System (BAAM);
- Revisions to the certification for Responsible and Ethical Conduct of Research (RECR) for proposals submitted on or after July 31, 2023, which expands the training to faculty and other senior personnel as well as requires specific training mandated by the America COMPETES Act, as amended;
- Requirement for proposers to provide a certification regarding Safe and Inclusive Working Environments for Off-Campus and Off-Site Research;
- Revisions to the Biographical Sketch and Current and Pending Support formats to include certifications from the individual (as required by the 2021 National Defense Authorization Act, Section 223) regarding information being accurate, current, and complete;
- Requirement for NSF program officers to request updated Current and Pending Support information before making a funding recommendation, in accordance with the NSPM-33 Implementation Guidance;
- Requirements for use of SciENCv for the Biographical Sketch and Current and Pending Support documents;
- Implementation of Build America, Buy America statutes; and
- New sections on Research Security and Scientific Integrity

Use of Concept Outlines as a submission type and the Program Suitability and Proposal Concept Tool (ProSPCT);

Here is a bit more information regarding Concept Outline type:

NSF introduced the Concept Outline as a new submission type. The primary purpose of the concept outline is to ensure that the concept proposed by the prospective Principal Investigator (PI) is appropriate for the proposal type or funding opportunity and to help reduce the administrative burden associated with submitting a full proposal. Concept Outlines are submitted either by email to a designated address or via the Program Suitability and Proposal Concept Tool (ProSPCT). Checkout the following link for more information: <https://suitability.nsf.gov/s/>



DIRECTOR'S CORNER

NIH

The National Institutes of Health is issuing final NIH Policy for Data Management and Sharing (DMS Policy) to promote the management and sharing of scientific data generated from NIH-funded or conducted research. This Policy establishes the requirements of submission of Data Management and Sharing Plans and compliance with NIH Institute, Center, or Office (ICO)-approved Plans. It also emphasizes the importance of good data management practices and establishes the expectation for maximizing the appropriate sharing of scientific data generated from NIH-funded or conducted research, with justified limitations or exceptions. This Policy applies to research funded or conducted by NIH that results in the generation of scientific data.

Three important items to highlight:

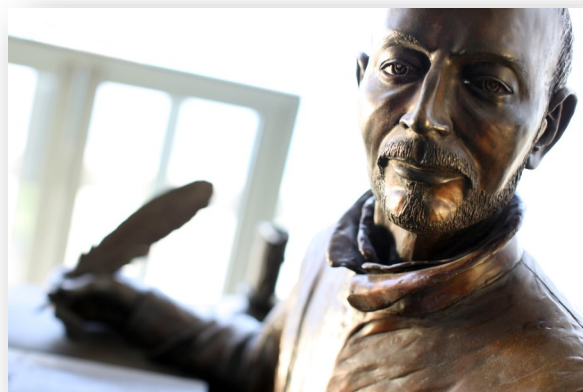
1. The new requirement will affect all NIH funding proposals submitted on or after January 25, 2023. Including new submissions, resubmissions, and revisions. However, it does not affect already-in-place grants.
2. The new Policy affects all NIH funded research that produces scientific data, regardless of mechanism or funding. If it produces scientific data, your grant must comply.
3. You'll have to submit a new format data management and sharing plan along with your proposal. The new format has more sections, it's more detailed and emphasizes the sharing of the data. It is highly important that you plan in advance and adjust the data management that lives with the project.

Scientific Data is defined as data commonly accepted in the scientific community as of sufficient quality to validate and replicate research findings, regardless of whether the data are used to support scholarly publications. Scientific data **includes** any data needed to validate and replicate research findings.

Scientific data **does not include** laboratory notebooks, preliminary analyses, completed case report forms, drafts of scientific papers, plans for future research, peer reviews, communications with colleagues, or physical objects such as laboratory specimens.

More information will be shared in the coming weeks, however, please check out NIH's website:

<https://grants.nih.gov/grants/guide/notice-files/NOT-OD-21-013.html>



INTERNAL GRANT REVIEW PROCESS FROM THE OFFICE OF THE VPR

Background

In an effort to help faculty submit highly competitive grant applications to extramural funding agencies (e.g., NIH, AHA, DoD, NSF, etc.), the Office of the Vice Provost for Research offers a mechanism to have the grant “pre-reviewed” in an effort to provide the PI with critical and constructive feedback on their proposed application.

The Process

The PI must submit their request along with the components listed below to the office of the Vice Provost for Research via [InfoReady](#) **at least 35 days prior** to the sponsor’s deadline to allow proper time for the assigned reviewers to read the application carefully and provide meaningful feedback. Our office will plan to have the review completed and critiques returned to the PIs at least 7 days prior to the submission date.

Please provide the following components of the grant when requesting an internal review:

1. Biography
2. Introduction (if submitting a revised application or competitive renewal) a. If an Introduction is included, consider also submitting the prior review’s critiques to help a reviewer assess whether the application is responsive to the prior review.
3. Specific Aims
4. Project Narrative (to include such elements as Significance, Innovation and Approach)
5. Optional: include a short personnel justification narrative (so the reviewer can assess whether the right complement of expertise has been recruited to ensure the successful completion of the studies proposed).

External Review

The PI should indicate whether he/she will allow the grant application to be externally reviewed. If so, the PI should list the names of those individuals who should **not** be solicited as peer-reviewers.



2021 SPECIAL RESEARCH SUPPORT GRANT COMPETITION AWARDEES

- ◆ Dr. Daniel Becker, Chemistry & Biochemistry: “Cyclobutanones as New Therapeutics for COVID-19 Through Inhibition of Key SARS-CoV-2 Enzymes.”
- ◆ Dr. Marquitta Dorsey, School of Social Work: “Understanding the role of Covid19 on access to sexual health resources and decision making among Black young adult females.”
- ◆ Dr. Michael Khodarkovsky, History: “Empires of the Steppe: The Russian Empire and its Eurasian Counterparts, 1550s-1900.”
- ◆ Dr. Kristin Krueger-Vinson, Anthropology: “Understanding dietary adaptations in human evolution using ART 5, a novel chewing simulator.”
- ◆ Dr. Tofigh Maboudi, Political Science: “Law, Vulnerability, and Citizen Attitudes Toward Adaptation in Guatemala.”
- ◆ Dr. Brian Ohsowski, School of Environmental Sustainability: “Assessing the Potential of Biochar Filtration to Mitigate Road Salt and Nutrient Pollution in Midwestern Freshwater Streams and Rivers: A Stream Lab Mesocosm Experiment.”
- ◆ Dr. Catherine Putonti, Biology: “Exploring JC Polyomavirus and Its Putative Association with Overactive Bladder Symptoms.”
- ◆ Dr. Tania Schusler, School of Environmental Sustainability: “From disruption to resilience and racial equity in the food system: Learning from local responses to the impacts of COVID-19.”
- ◆ Dr. Alice Weinreb, History: “Pathologies of Democracy: Anorexia Nervosa and the Rise of Disordered Eating in the Postwar World.”

NOTABLE AWARDS FY2022

PI	Unit	Title	Agency	Total
Ahad, Badia	Provost	ADVANCE Adaptation: INSPIRED: Inclusive Practices in the Retention and Equity of Diverse Faculty	National Science Foundation	\$ 972,495
Miller, Mariana	IPS	Miguel Pro Pastoral Protagonism Initiative	Lilly Endowment, Inc.	\$ 971,249
Olson, David	CJC	A Process and Impact Evaluation of Illinois' Policy to Eliminate Cash Bail and Reform Pretrial Practices	National Institute of Justice	\$ 632,781
Olson, David	CJC	Research and Evaluation to Support Criminal Justice and Pretrial Reforms in Illinois	John D and Catherine T MacArthur Foundation	\$ 600,000
George, Christine	CURL	Justice For Families (JFF) Comprehensive Project	U.S. Department of Justice	\$ 592,000
Grillo, Michael	BIOL	Pre-service Teacher Research Experience in Biodiversity Studies at Loyola University Chicago	National Science Foundation	\$ 564,686
Haden, Catherine	PSYCH	Collaborative Research: Stories about Science in Spanish-Speaking Immigrant Familiesâ€™ Interactions with Young Children	National Science Foundation	\$ 532,645
Stemen, Donald	CJC	A Process and Impact Evaluation of Illinois' Pretrial Fairness Act	Arnold Ventures	\$ 509,709
Klingensmith, Neil	COMPSCI	Securing Containers	National Security Agency	\$499,397



FACULTY RESOURCES

Grant Writing Resources for Educators

<https://www.neafoundation.org/for-educators/grant-resources/writing-tutorial/>

<https://granttrainingcenter.com/>

Resources for Education Grants

<https://www.isbe.net/Pages/Knowing-Where-to-Begin.aspx>

Review of available Grant Writing Courses

<https://www.learngrantwriting.org/blog/best-online-grant-writing-classes/>

A to Z Grant Writing

<https://www.ed2go.com/harvardaded/online-courses/grant-writing-a-to-z/>

How to Get a Grant from National Endowment for the Humanities (NEH)

<https://www.neh.gov/humanities/2008/julyaugust/feature/how-get-grant-neh>

National Science Foundation (NSF) Proposal & Award Policies & Procedures Guide (PAPPG)

https://www.nsf.gov/publications/pub_summ.jsp?ods_key=papp

National Institutes for Health (NIH) Application Guide

<https://grants.nih.gov/grants/how-to-apply-application-guide.html>



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