Office of Research Development

April 20, 2017
Our Mission

The Office of Research Development promotes, stimulates and advances the diverse research enterprise across Northwestern University through:

- Facilitating Interdisciplinary Research Programs
- Supporting the Pursuit of Funding Opportunities
- Promoting the Submission of Outstanding Proposals
- Guiding Early Career Investigators
Constituents and Stakeholders

- Northwestern Research Community
  - Deans, Faculty, Researchers, Research Administrators, Post-docs, Graduate and Undergraduate Students
- Federal Funding Agencies
- Office of Foundation Relations
- Office of Government Relations
- Office of Corporate Engagement
- Office for Sponsored Research
- Partners: Affiliates, Industry, Academic and Non-Academic Institutions
Facilitating Interdisciplinary Research Programs

Supporting the Pursuit of Funding Opportunities

Promoting the Submission of Outstanding Proposals

Guiding Early Career Investigators
Research Program Development

- Anticipate New Interdisciplinary Federal Agency Initiatives
- Support Investigator Initiated Ideas & Centers
- Identify, Connect, and Guide Formation of Collaborative Teams
- Coordinate Preliminary Workshops
- Assist in Development of a “white paper”
- Support Proposal Development Process
Large Interdisciplinary Proposal Development

Programmatic Support

• Develop “Writer’s Outline”
• Guide the conceptual development and writing of: vision, administrative core, management plan, broader impact, education, outreach, postdoc mentoring plan, data management plan, data sharing plan, etc.
• Advise on budget development
• Letters of support
• Sponsor’s summary statements
• Resubmission
Large Interdisciplinary Proposal Development

Project Management Support

• Generate time-line/roles and responsibilities framework
• Coordinate video/audio conference meetings (PIs, administrators)
• Prepare meeting agenda
• Provide meeting minutes
• Liaise with local RA, OSR, external partners, internal resources, local and external grant writers
• Manage internal and/or external review
• Coordinate site visits
Large Interdisciplinary Proposal Development

Research Administration Support

- Liaise between RA and technical team
- Confirm registrations for all personnel
- Facilitate subcontract procurement
- Format current & pending and biosketches
- Consolidate facilities documents
- Review all documents as 2nd set of eyes
Large Interdisciplinary Proposal Development: Seed Funding

**NU-Interdisciplinary Program 1-2-3**

- **I1**: $1,000 for a workshop; rolling submission
- **I2**: $15,000 for expenses pertinent to the submission of a large proposal; rolling submission
- **I3**: $120,000/year for up to 2 years for promoting effective team assembly, developing track record of collaboration, generating preliminary data and submitting a large/center proposal to an external sponsor; annual due date

- [http://www.research.northwestern.edu/interdisciplinary123/](http://www.research.northwestern.edu/interdisciplinary123/)

Requirements:
- Interdisciplinary team (at least 2 schools and 3 departments)
- Innovation
- Societal impact
ORD LINC Series

- Quarterly Event
- Promote anticipated federal funding opportunities
- Bridge communication between schools on a federal agency initiative
- Transfer knowledge between disciplines
- Establish new interdisciplinary connections

Past Events: “Microbiome” and “Internet of Things”
Facilitating Interdisciplinary Research Programs

Supporting the Pursuit of Funding Opportunities

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New Weekly Funding Opportunity Alert (ORD INSIGHT)

Anticipate, monitor, identify, and disseminate federal funding opportunities and related information to faculty and staff

- **News and Events**
  - Agency strategic plans, proposer days, meetings/webinars
  - Notice of intent to publish a FOA – NIH
  - Dear Colleague Letters – NSF
  - Information on new federal funding initiatives

- **Funding Opportunities**
  - FOAs screened weekly for eligibility and relevance to NU research
  - FOA summary is hyperlinked to Pivot database listing
  - “Limited Submission” funding opportunities
  - Divided into 6 research areas: Biomedical & Life Sciences; Engineering & Computer Science; Learning Sciences; Media, Arts & Humanities; Physical Sciences; Social Sciences & Law
News & Events
The IARPA Director's seminar has been rescheduled for Friday, April 7th from 2:30 p.m. to 3:30 p.m. at the Allen Center, Room 140. Dr. Jason Matheny will present an overview of the IARPA research programs. All faculty, students, and staff are invited to attend. Please register here.

Funding Opportunities
Access to the Pivot database requires NU network, VPN, or log in using your Northwestern email address (free). Contact us here if you experience difficulties. Provide feedback about new format here.

BIOMEDICAL & LIFE SCIENCES
Full list of open opportunities

- NIH Intensive Longitudinal Analysis of Health Behaviors: Leveraging New Technologies to Understand Health Behaviors (U01)
- NIH Intensive Longitudinal Analysis of Health Behaviors: Leveraging New Technologies to Understand Health Behaviors (U24)
- NIH Tobacco Centers of Regulatory Science for Research Relevant to the Family Smoking Prevention and Tobacco Control Act (U54)

Weekly NIH Table of Contents

ENGINEERING & COMPUTER SCIENCE
Full list of open opportunities

LIMITED SUBMISSION: NSF Big Data Regional Innovation Hubs: Establishing Spokes to...
Intensive Longitudinal Analysis of Health Behaviors: Leveraging New Technologies to Understand Health Behaviors (U24)

Opportunity ID: 173179 | Collaboration or Cooperative Agreement Research | Last edited on 23 Mar 2017


**Sponsor**
United States Department of Health and Human Services (HHS)
National Institutes of Health (NIH)
Sponsor ID: 93.389, 93.383, 93.273, 93.280, 93.279, 93.242, RFA-OD-17-005, RFA-OD-17-004

**Amount**
Upper $1,200,000 USD
Issuing IC and partner components intend to commit an estimated total of $200,000 to fund 1 award.

Applicants may request a budget of up to $300,000 per year (direct costs).

The maximum project period is 4 years.

**Applicant Type**
Academic Institution
Commercial
Government
New Faculty/New Investigator
Nonprofit
Ph.D./M.D./Other Professional
Small Business

**Citizenship or Residency**
United States

**Activity Location**
United States

**Abstract**
This Funding Opportunity Announcement (FOA) invites applications to establish a Research Coordinating Center (RCC) to facilitate and support the Intensive Longitudinal Health Behaviors Initiative. The goal of this grant is to develop an effective research infrastructure to support longitudinal research on health behaviors.

**Eligibility**
Eligible Organizations:
Higher Education Institutions
## Physical Sciences (53)

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Amount</th>
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<tbody>
<tr>
<td>NASA Astrobiology Institute Cycle 8 Cooperative Agreement Notice</td>
<td>National Aeronautics and Space Administration (NASA)</td>
<td>see record</td>
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<tr>
<td>RadioBio</td>
<td>United States Department of Defense (DOD) Defense Advanced Research Projects Agency (DARPA)</td>
<td>see record</td>
</tr>
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<td>Industry University Cooperative Research Centers Program (IUCRC) NSF Wide Programs</td>
<td>National Science Foundation (NSF)</td>
<td>$85,000 USD</td>
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<td>Precision Measurement Grant Program (PMGP)</td>
<td>United States Department of Commerce (DOC) National Institute of Standards and Technology (NIST)</td>
<td>$100,000 USD</td>
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<td>E-Team Program</td>
<td>Lemelson Foundation VentureWell (formerly National Collegiate Inventors and Innovators Alliance (NCIIA))</td>
<td>$25,000 USD</td>
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<td>Research Opportunities in Space and Earth Sciences (ROSES) - Earth Surface and Interior (ESI)</td>
<td>National Aeronautics and Space Administration (NASA) Science Mission Directorate (SMD)</td>
<td>see record</td>
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<tr>
<td>Cooperative Training Partnership in Aquatic Toxicology and Ecosystem Research</td>
<td>United States Environmental Protection Agency (EPA) Office of Research and Development (ORD)</td>
<td>$1,200,000 USD</td>
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I. Facilitating Interdisciplinary Research Programs

II. Supporting the Pursuit of Funding Opportunities

III. Promoting the Submission of Outstanding Proposals

IV. Guiding Early Career Investigators
Promote the Submission of Outstanding Proposals

- Personalized service to faculty from all disciplines (smaller scale proposals, single investigator, etc.)
  - Clarify and confirm sponsor’s expectations and guidelines
  - Enhance faculty communications with program officers
  - Advise on strategic approaches to developing a proposal
- Outreach and resources
  - “ORD Presents” workshops (DARPA, large grant proposal, shared instrumentation, NSF CAREER)
  - Bring program officers to Northwestern
  - Provide institutional subscription to “Research Development and Grant Writing News”
- Manage the Institutional Limited Submissions Process
Limited Submission

• Funding opportunities for which the sponsor limits the number of applications that may be submitted per institution

• ORD manages the institutional process for selecting nominees for Federal, Foundation, and Corporation funding opportunities

• Northwestern has established a transparent, efficient and effective process for selecting successful nominees

https://ord.northwestern.edu/limited-submissions
Northwestern’s Limited Submission (LS) Process

- Identification of LS funding opportunities
- Dissemination of announcements
- Collect Internal Letters of Intent
- Collect Internal Proposals
- Notification
- Internal Review
- Nomination
- Sponsor Proposal Due
Limited Submission: Dissemination of Announcements

• Targeted and inclusive dissemination
• Subject: LIMITED FUNDING OPPORTUNITY: …..
• Summary of opportunity and eligibility criteria
• Link to the sponsor’s website
• Key dates: LOI, internal proposal submission, notification, sponsor deadline
• Instructions: LOI form, internal proposal components, upload information
• All announcements and their status are posted on ORD’s website
• You can opt-in to receive all announcements
Limited Submission: LOIs

• Submission of the LOI by the deadline is **required**, but no binding
• Based on institutional interest:
  o First come, first served
  o Applicants are authorized by ORD to submit a proposal to sponsor
  o A competition is required, all applicants are invited to submit internal proposals
Limited Submission: Review Process

- The Limited Submission Advisory Committee is charged with selecting the most nationally competitive applicants.

- Senior faculty from FSM, WCAS, McC, SESP and SoC.

- Humanities ad hoc panel is invited as necessary.

- Ex officio and ad hoc reviewers are invited as appropriate.

- Panel review (video-conference between campuses).

- Selection requires approval by the VPR.
Limited Submission: Notification

• All candidates are notified by email by the stated deadline

• Feedback is provided to all applicants

• Nominees are invited to work with the Office of Foundation Relations on Foundation proposals

• OSR GO is notified
Limited Submission: Outcomes

• Packard Science and Engineering Fellows
  National awardee each year 2007-11, 2013
  (of an annual total of 16 fellows from 50 Universities)

• Pew Biomedical Scholars
  (of an annual total of 21 scholars nationally)
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Guiding Early Career Investigators
Guiding Early Career Investigators

- Reach out to new faculty, present at new faculty orientations
- Consult and perform customized funding opportunities search, recommend collaborators
- Develop a strategy of applying to prestigious fellowships
- Provide NSF CAREER consultations
- Provide resources for early career investigators on ORD’s website
- Host “ORD Presents” Series
Guiding Early Career Investigators: ORD Presents

- NSF CAREER Workshop (5/3/17)
- Introduction to Funding Opportunities
- Early Career Funding Opportunities
- Broader Impacts Fair
Please contact ORD if you…

• Are working on a complex proposal
• Find a limited submission opportunity not on our website
• Want to receive ORD Insight and LS FOAs
• Have a question about a federal funding opportunity
• Want to advertise internal seed funding or research events
• Have ideas for future events or thoughts on ways we can improve
Office of Research Development

The Office of Research Development (ORD) bridges disciplines, schools, and campuses to advance the competitiveness of Northwestern's research by designing and executing strategic, proactive, and catalytic activities aimed at securing extramural funding, with a focus on interdisciplinary programs.

News & Announcements

Opportunity to meet with a DARPA DSO program manager
Meetings will be held in conjunction with the Discover DSO Day on June 15 Read More

Northwestern Parkinson's Disease and Movement Disorders Advisory Council Grants for Junior Investigators
Proposals are now being accepted for innovative research on Parkinson's Disease Read More

Team Science Training Workshop at Northwestern
Interdisciplinary teams are invited to participate in a team science workshop Read More

Call for abstracts for 2017 Military Health System Research Symposium (MHSRS)
Submit a proposal for the 3rd annual MHSRS Read More

Upcoming Events

2017 CBET CAREER Proposal Writing Webinar
More Information

Computational Evaluation and Prediction of Social Science Behaviors
More Information

Webinar: Understanding SBIR & STTR Phase I Application Process
More Information

Webinar: The NIH Microphysiological Systems Program - Tissues-on-chips for Drug Safety and Efficacy Studies
More Information

Twitter Feed

ORD NU: UCSF RIAI 05/18/2017
@ORDNU

NIH: NIH-Funding 05/18/2017
@NIH-Funding

NINDS Program Project Grant (P50) dhcp789nvr

ORD NU: UCSF RIAI 05/18/2017
@ORDNU

DARPA: @DARPA

Tweet: Broad Agency Announcement for our new Lifespan Learning Machine Learning program is now live! Funding: 1A1 MachineLearning thankful for @ODA/DARPA...

https://ord.northwestern.edu/
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Thank you!

Questions??