Office of Research Development

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Office for Research Organization Chart, March 2015

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Jay Walsh

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AVP Research
Fruma Yehiely

AVP Innovation & New Ventures
Alicia Löffler

AVP Research
Jian Cao

AVP Research
Rex Chisholm

AVP Research
Meg McDonald

AVP Research
Lewis Smith

Office for Research Integrity
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Office for the Institutional Review Board
Heather Gipson, Director

Office for the Institutional Animal Care and Use Committee
Susan Kallay, Director

Office for Export Controls Compliance
Lane Campbell, Director

Conflict of Interest
Julia Campbell, Director

Science in Society
Michael Kennedy, Director

Office of Research Development
Fruma Yehiely, Director

Core Facilities
Phil Hockberger, Executive Director of Research Facilities

Office for Sponsored Research

Center for Comparative Medicine
Lisa Forman, Executive Director

Electronic Research Administration
Kimberly Griffin, Director

Evanston
Elizabeth Adams, Executive Director

Chicago
David E. Lynch, Executive Director

Research Communications
Matt Golosinski, Director

Univ. Research Center Administration
Ellen Feldman, Director

Research Information Systems
Dan Volocyk, Director

Administrative Services
Claire Landis, Manager

Financial Administration
Anne C. Martin, Director
Mission

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

- Facilitating collaborations and interdisciplinary programs
- Supporting the pursuit of funding opportunities
- Promoting the submission of outstanding proposals
- Guiding early career investigators
Constituents and Stakeholders

- 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 Collaborations and Interdisciplinary Programs

- Anticipate and respond to new federally funded initiatives
- Investigator initiated programs
- Guide, connect and facilitate Team Science
- Coordinate preliminary meetings/workshops to form teams/collaborations and develop “white papers”
- Support throughout the evolution of University Research Centers
  - Support and advise new URCs from the inception of ideas
  - Facilitate proposals for external funding (new and existing URCs)
Developing Large Interdisciplinary Proposals Programmatic Support

- Develop “Writer 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
Developing Large Interdisciplinary Proposals 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
Facilitating Interdisciplinary Programs

*NU-Interdisciplinary Program 1-2-3*

- A new seed-funding platform to cultivate investigator-initiated visionary "Big Ideas”
- 3-tiers, non-sequential that address different needs in the continuum of developing visionary science at Northwestern, from the inception of an idea to securing external funding
- **NU-Interdisciplinary Program 1-2-3** supports
  - *Ideas (I1)*
  - *Innovative Initiatives (I2)*
  - *Innovative Initiatives Incubator (I3)*
NU-Interdisciplinary Program 1-2-3

• Focus on:
  o Interdisciplinary team (at least 2 schools and 3 departments)
  o Innovation
  o Societal impact

• In addition to funds, the program provides project management, assistance in identifying funding opportunities, proposal development and Team-Science guidance
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**: $60,000/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 (August 17, 2015)

- [http://www.research.northwestern.edu/interdisciplinary123/](http://www.research.northwestern.edu/interdisciplinary123/)
- FSM Seed Funding to initiate new Multi-Investigator Program: [http://www.feinberg.northwestern.edu/research/services/for-researchers/seed-grants.html](http://www.feinberg.northwestern.edu/research/services/for-researchers/seed-grants.html)
Pursuit of Funding Opportunities

- Anticipate, monitor, identify and disseminate funding opportunities and related information to targeted investigators
  - Large biomedical and physical sciences federal grants
  - Social Sciences and Humanities grants
  - “Limited Submission” funding opportunities
  - Disseminate Foundation and Corporate funding opportunities
  - Cleared Concepts - NIH
  - Notice of Intent to Publish a FOA – NIH
  - Dear Colleague Letters – NSF
  - Information of new federal funding initiatives in collaboration with OGR
Pursuit of Funding Opportunities (Cont’ed)

- Provides free access and guidance on using funding opportunities data bases:
  - SciVal Funding
    - www.funding.scival.com
  - COS Pivot
    - pivot.cos.com/funding_main

- Federal agencies websites search and set up alerts:
  - www.grants.gov
  - grants.nih.gov/grants/guide/index.html
  - nsf.gov/funding
  - DoE, DoD, USDA, NASA, NOAA, NEH…
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
  - “ORD Presents” workshops (NSF MRI, Limited Submissions, NIH P30..)
  - Organize federal agencies grant writing workshops
  - Bring program officers to Northwestern
  - Provide institutional subscription to research development and grant writing resources
  - “Science of Team Science”

- Manage the Institutional Limited Submissions Process
Limited Submission

• Funding opportunities that the number of applications submitted from any given institution is limited by the sponsor
• ORD manages the institutional process for selecting NU nominees for Federal, Foundations and Corporations funding opportunities
• NU has established a transparent, efficient and effective process for selecting successful nominees

http://www.research.northwestern.edu/ord/funding/limited-submissions/
Northwestern’s Limited Submission (LS) Process

- Identification of LS funding opportunities
- Dissemination of LS announcements
- LOIs
- Internal proposals
- Review
- Notification
- Nomination
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:
  - First come, first served
  - Applicants are authorized by ORD to submit a proposal to sponsor
  - 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 is 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)
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
- Grant Writer’s Groups for NIH “R” and “K” awards
  - Rick McGee, Associate Dean for Faculty Recruitment and Professional Development, FSM
- R01 and K awards peer review in FSM
  - [http://www.feinberg.northwestern.edu/fao/faculty/development-resources/grant-proposal-review.html](http://www.feinberg.northwestern.edu/fao/faculty/development-resources/grant-proposal-review.html)
- NSF CAREER workshop
- Coming up: resources for early career investigators on ORD’s website
ORD Website

www.research.northwestern.edu/ord/

Under construction
ORD Locations

633 Clark Street
North Tower, Room 2-543, Evanston
(847) 491-1074

750 N. Lake Shore Drive
Rubloff, Room 711, Chicago
(312) 503-4134
ORD Team

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Questions?