Office of Research Development

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Office of Research Development
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Mission

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

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

• ORD focuses on Federal Funding: NIH, NSF, DoD, DoE, NEH…

• Northwestern Office of Foundation Relations
  http://www.northwestern.edu/foundationrelations/

• FSM Foundation Relations

• Northwestern Office of Corporate Engagement
  http://corporate.northwestern.edu/about/index.html

• FSM Corporate Partnerships & Business Development
ORD Supports the Pursuit of Funding Opportunities

Anticipate, monitor, identify and disseminate funding opportunities and related information to targeted investigators

• Large biomedical and physical sciences federal grants
  o FSM Research Office sends NIH TOC
• “Limited Submission” funding opportunities
• Disseminates 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
• Social Sciences and Humanities grants
Diversify Your Portfolio – Federal Funding

- NSF @ nsf.gov/funding

- HHS @ grants.gov
  - CDC
  - FDA (23 FOAs this year)

Diversify Your Portfolio – Federal Funding

CDMRP Programs (FY 16)

- Alcohol and Substance Abuse Disorders
- Amyotrophic Lateral Sclerosis
- Autism
- Bone Marrow Failure
- Breast Cancer
- Defense Medical Research and Development
- Duchenne Muscular Dystrophy
- Epilepsy
- Gulf War Illness
- Joint Warfighter Medical
- Lung Cancer
- Military Burn
- Multiple Sclerosis
- Neurofibromatosis
- Neurotoxin Exposure Treatment Parkinson's Research
- Orthotics and Prosthetics Outcomes
- Ovarian Cancer
- Peer Reviewed Alzheimer's
- Peer Reviewed Cancer
- Peer Reviewed Medical
- Peer Reviewed Orthopaedic
- Prostate Cancer
- Psychological Health/Traumatic Brain Injury
- Reconstructive Transplant Research
- Spinal Cord Injury
- Tuberous Sclerosis Complex
- Vision
Diversify Your Portfolio – Federal Funding

CDMRP: Peer-Reviewed Medical Program (FY 16 Topics)
http://cdmrp.army.mil/prmrp/

- Acute Lung Injury
- Antimicrobial Resistance
- Chronic Migraine and Post-Traumatic Headaches
- Congenital Heart Disease
- Constrictive Bronchiolitis
- Diabetes
- Dystonia
- Emerging Infectious Diseases
- Focal Segmental Glomerulosclerosis
- Fragile X Syndrome
- Hepatitis B
- Hereditary Angioedema
- Hydrocephalus
- Inflammatory Bowel Disease
- Influenza
- Integrative Medicine
- Interstitial Cystitis
- Lupus
- Malaria
- Metals Toxicology
- Mitochondrial Disease
- Nanomaterials for Bone Regeneration
- Non-Opioid Pain Management
- Pancreatitus
- Pathogen-Inactivated Dried Plasma
- Polycystic Kidney Disease
- Post-Traumatic Osteoarthritis
- Psychotrophic Medications
- Pulmonary Fibrosis
- Respiratory Health
- Rett Syndrome
- Rheumatoid Arthritis
- Scleroderma
- Sleep Disorders
- Tinnitus
- Tuberculosis
- Vaccine Development for Infectious Disease
- Vascular Malformations
- Women's Heart Disease
Diversify Your Portfolio – Federal Funding

CDMRP: Peer-Reviewed Cancer Research Program
http://cdmrp.army.mil/funding/prcrp.shtml
Career Development Award (3 years, $360,000 DC)
  • Within 10 years after completion of his/her terminal degree
  • At least 30% of protected time for the proposed research
  • Designated mentor at or above the level of an Associate Professor

CDMRP: Breast Cancer Research Program
Era of Hope Scholar Award (4 years, $2.5M DC)
  • Supports individuals early in their careers who have demonstrated significant potential to effect meaningful change in breast cancer.
  • Within 6 years of his/her last training position
  • PI must maintain a 50% dedication of his/her full-time professional effort during the award period to breast cancer research
  • Include two or more breast cancer consumer advocates
  • Plan to fund 2 scholars
Diversify Your Portfolio – Non-Federal Opportunities

• Foundations

• Corporate funding
  o Baxter – also postdocs

• Professional Societies

• Internal (aka pilot, seed) funding
  o Cancer Center, NUCATS, NMF Research, Physical Sciences – Oncology Center (PS-OC), ICET Pilot Projects, Data Science Initiative, FSM Multi-Investigator Program, …..
Where Can You Find Funding Opportunities?

• Email announcements from ORD

• Foundations & Corporate Offices bi-weekly newsletter
  • Please sign up for the newsletter here: http://eepurl.com/bWFmIX

• We provide free access and guidance on using funding opportunities data bases:
  o SciVal Funding www.funding.scival.com
    ✓ Does not require log-in or password from campus
  o COS Pivot pivot.cos.com/funding_main
    ✓ Need to set log-in and password
    o Search regularly by using appropriate key words and filters
    o Set up email alerts

• Federal agencies websites, search and set up alerts:
  o www.grants.gov
  o grants.nih.gov/grants/guide/index.html
Where Can You Find Funding Opportunities?

• Foundation Directory on-line:
  ✓ [http://www.library.northwestern.edu/](http://www.library.northwestern.edu/)
  ✓ Click on “electronic journals”
  ✓ Type: Foundation Directory Online
  ✓ Click on Foundation Directory Online and follow the prompts
  ✓ Sign in with NU NetID and password

• For Foundations related information contact FSM Foundation Relations Senior Associate Director, Michelle Melin-Rogovin m-melin-rogovin@northwestern.edu
Finding Collaborators

• Contact ORD

• Northwestern Scholars
  http://www.scholars.northwestern.edu/

• FSM Profiles
  http://fsmweb.northwestern.edu/faculty/
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:
- Interdisciplinary team (at least 2 schools and 3 departments)
- Innovation
- Societal impact

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 (June 10, 2016)

http://www.research.northwestern.edu/interdisciplinary123/
ORD Promotes the Submission of Outstanding Proposals

- Reach out to new faculty, present at new faculty orientations
- Provides 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 CAREER, Limited Submissions, NIH P30...)
  - Organize federal agencies grant writing workshops
  - Provide institutional subscription to research development and grant writing resources
  - Manage the Institutional Limited Submissions Process
ORD Support for Early Career Awards

Please contact ORD if you plan to submit to the following programs:

• NSF Early Career Development Program (CAREER)

• NIH Director's New Innovator Award Program (DP2)
Limited Submission (LS)

• 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 Corporate funding opportunities, on behalf of the Vice President for Research

• NU has established a transparent, efficient and effective process for selecting successful nominees
Northwestern’s LS Process

[http://www.research.northwestern.edu/ord/funding/limited-submissions/](http://www.research.northwestern.edu/ord/funding/limited-submissions/)

- Identification of LS funding opportunities
- Dissemination of LS announcements
- Letter of Intent (LOI)
- 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 and Competition Announcement

• 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
  • In cases that only FSM faculty are eligible, or, all the applicants are from FSM, the process is delegated to FSM

• 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

- Nominees are notified by email by the stated deadline
- Cc: VPR, Research Dean, Chair, OSR GO, Foundation Relations or Corporate Engagement as appropriate,
- Applicants that were not selected are notified as well
- Feedback is provided to all applicants
- If nominated to submit a Foundation or Corporate application, the appropriate Northwestern will assist you in writing the proposal and prepare for the interview as appropriate
Limited Submission
Biomedical Junior Faculty

- Amgen
- Beckman – *post doc*
- Brain Research Foundation
- Hartwell – *also post-doc*
- Mallinckrodt
- Packard
- Pew
- Rita Allen
- Searle
- Simons
Limited Submission: Outcomes

• Pew Biomedical Scholars

• The Hartwell Foundation National awardee 2013, 2014, 2015 (2 awardees)
  (10 awardees from 15 institutions, annually)

• Packard Science and Engineering Fellows National awardee each year 2007-11, 2013 (16 fellows from 50 Universities, annually)
ORD Locations

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

750 N. Lake Shore Drive
Rubloff, Room 711, Chicago
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Questions?

Good Luck!