Introduction to Research Development

RA Forum 1/30/2020
The Research Development Team at NYU is dedicated to initiating catalytic and capacity-building activities to enhance the competitiveness of NYU’s research and sponsored programs portfolio.

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Mega-Grants Initiative Project Officer

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Research Development Specialist
Research Support at NYU

Pre-pre award

- Seed funding (Mega)
- Identify and match potential collaborators
- Identify external funding
- Proposal development
- Research community and engagement

Pre-award

- Pre- and non-financial post-award management
- Contract and subaward management
- Project management

Post-award

- Sponsored project accounting
- Costing and analysis
- Post-award administration
- Procurement

Research Development

OSP

SPA
Research Development Service and Support

Funding
- Seed funding
- Identify funding opportunities
- Manage internal funding mechanisms

Proposal Development
- Coordinate large, complex proposals
- Maintain shared tools and resources
- Organize red team reviews
- Perform editing services

Research Community
- Coordinate cross-disciplinary interest groups
- Conduct workshops and trainings
- Newsletter
**Core Facilities & Quantum**

**Air Force Research Laboratory Q Network Hub, PI Javad Shabani**

**Outcome:** Access to IBM equipment, collaboration with AFRL and sponsored projects with AFRL and other Q network members (over 500 from industry, universities.) Quantum summer camp with Tandon STEM summer camps.

**Artificial Intelligence**

**National Artificial Intelligence Research Institutes, PI Yann LeCun with CDS, Tandon and FAS**

**Outcome:** Proposal leveraging NYU AI recruitment and NYCEDC proposal for Center for Responsible AI prepared for the National Science Foundation of up to $25M by January 31.

**Applied Social Sciences**

**DFID Consortium, Education in Crisis Programme, PI Dana Burde, Steinhardt**

**Outcome:** $25K seed grant to develop proposal with the DFID consortium to prepare a $25 MM application to the Education Research in Conflict and Crisis programme.

**Integrative & Chemical Biology**

**NSF Biology Integrative Institutes, PI André Fenton, FAS CNS**

**Outcome:** $49K seed grant for preliminary data to enhance competitiveness of a $12 MM proposal to the NSF Biology Integration Institutes funding program. Cross-disciplinary project focused on the molecular basis of memory.
Proposal Development

- Identify collaborators
- Coordinate large, complex proposals
- Maintain shared tools and resources
  - Sample proposals
  - Templates and boilerplates
  - Facilities
  - Institutional capacity statements
- Organize red team reviews
- Perform editing services and prepare budgets
- Advise on solicitation requirements, strategize on approach
- Serve as liaison with sponsors and potential partners
- Coordinate cross-disciplinary interest groups, “match” with potential collaborators
- Host workshops on grant writing and identifying funding opportunities
  - For new and established investigators
  - For research administrators
- Research Newsletter
  - Updates on sponsored awards and metrics to reflect how we’re doing
  - Recognition for faculty and researchers
  - Sponsor communications
- Scope Magazine
  - NYU Research

NYU Groups
AI.Research.Group@nyu.edu
Quantum.Research.Group@nyu.edu
Cybersecurity.Research.Group@nyu.edu
STEM.Learning.Research.Group@nyu.edu
Funding

- Identify funding opportunities
- Manage internal funding mechanisms
  - Mega-grants initiative
  - Video

Piloted on InfoReady

- Mega-Grants Initiative Seed Fund
  - Application submission, review, and decision making
- Humanities Mega-Grants Seed Fund
  - Application submission
- University Research Challenge Fund
  - Application submission and review
- IHDSC Seed Award Competition
  - Application submission
- Office of Global Programs International Activities Application
  - Application submission and approval routing
MEGA Grants awarded with a value >$1.75M

65% increase in MEGA grants since 2015