BRAIN, BIG DATA, AND COMPUTATION

Proposals for Seed Projects
April 5, 2016

Mary Jo Daniel
Faculty Research Development Office
Program Goals

• Fund early stage research that will lead to successful proposals for external funding
• Build cross-disciplinary research teams
• Leverage existing resources
• Build UNM research strength in focus areas
Focus Areas

- Projects involving collection of new brain imaging data
- Big data approaches to neuroscience (using existing or new data)
- Integration of multimodal data to bridge spatial and temporal scales
- The use of brain imaging to provide individualized predictions
- Novel models for capturing brain dynamics
- Scalable informatics approaches for processing or sharing
Components

- Main campus faculty as lead
  - Collaborations strongly encouraged across departments and with MRN
- $20,000 maximum for 1 year
  - Salary and fringe for non-faculty personnel
  - Technical supplies, equipment, research required travel
  - Leverage other resources
- Must identify specific extramural funding target
  - A completed proposal is an outcome of seed award
Proposal

• 6 page maximum
  • Must follow guidelines; 3 page Project Description
  • Includes approval of Department Chair/Center Director

• Due to FRDO April 27, 2016
  • Late proposals cannot be accepted

• Proposers notified by May 27, 2016
Review Criteria

- Significance and merit of the proposed research within the focus areas
- Appropriate methodology and plan for implementation
- Evidence of significant collaboration between faculty
- PI and collaborators have the necessary experience to complete the project
- Leveraging of other funds or in-kind support
- Upon completion, the likelihood of securing extramural funding through the agency/program identified
Questions?

Contact:

Mary Jo Daniel, Director
Faculty Research Development Office
mjdaniel@unm.edu or (505)277-0168