

BRAIN, BIG DATA, AND COMPUTATION

Proposals for Seed Projects

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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?

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