Bucknell-Geisinger Research Initiative (BGRI)

Phase II Funding Announcement

Request for Proposals

The Geisinger - Bucknell Research Initiative (BGRI) encourages collaborations between Bucknell University faculty and the scientists and clinicians of Geisinger Health System. Applications will be accepted in the following areas of collaboration between Bucknell and Geisinger:

- Neurosciences, neuroimaging, behavior, autism and developmental disorders
- High performance computing
- Bioengineering
- Operations research
- Health economics, health services
- Community-based health research

Project Proposals

Projects will be awarded within the following categories *:

Category 1 Substantive, potentially multi-year, collaborative projects requiring a minimum level of annual support at the <$100,000 level. These projects have typically demonstrated the need for dedicated staffing, and ‘start-up’ resources to gather the preliminary data required for external funding.

Category 2 Collaborative projects requiring annual support at the <$50,000 level. These projects are typically developing structured ongoing or ‘pilot’ investigations.

Category 3 Collaborative developmental projects requiring annual support at the <$10,000 level. These projects represent areas of investigation that require an initial resource to develop an idea or potential into a substantive project.

*See list below for examples of previously funded projects.

Application and proposal guidelines are available at:

http://www.bucknell.edu/Documents/Provost/BU-GEHealthcareResearchProposal.doc
BGRI Postdoctoral Scholars Program

The BGRI Postdoctoral Scholars Program promotes the transition of early career researchers to independent investigator status by combining increasingly independent postdoctoral research with the opportunity to gain experience teaching in an excellent liberal arts college. The Scholars Program is open to exceptional PhDs or equivalent who are completing a first postdoctoral fellowship, have demonstrated accomplishment and creativity in research as a graduate student and postdoctoral fellow, and are committed to a career of research and teaching. Scholars will conduct mentored research with Geisinger and/or Bucknell faculty, as appropriate, and will teach with mentorship and support in the first year and more independently in the second. The goal is to create scholar-teachers and to provide training in instruction to broaden applicants' expertise and capabilities. Appointments are for two years with the possibility of a third.

Scholars receive $50,000 plus fringe benefits in the first year of appointment.

Details and application guidelines will be forthcoming

Phase I Funded Projects


3) Determination of Localized Bone Quality: Correlation of Bone-Screw Pullout and Bone Micro-indentation to Bone Mineral Density, D. Ebenstein and E. Kennedy, Biomedical Engineering, Bucknell; T. Bowen, Orthopaedic Surgery, Geisinger.

4) Characterization of Endoscopic Parameters Toward the Creation of an Automated Endoscope, K. Bieryla, Biomedical Engineering and E. Geist, Mechanical Engineering, Bucknell; D. Diehl, Gastroenterology, Geisinger.