2013 Awarded Seed Grant Proposals

The following is a list of proposals selected for the University-wide Faculty Research Seed Grant Program. This program is intended to foster increased extramural funding by facilitating the development of innovative research ideas and collaborations that will lead to successful grant applications.

Cortisol and Oxytocin Interactions and the Maternal-Infant Socio-Emotional Relationship
Principal Investigator: Nancy Aaron Jones

Principal Investigator: Kristen Block

Photoactive Metal-Organic Hybrid Materials
Principal Investigator: Daniel de Lill

Discovery of Marine Natural Products that Modify Tumor Cell Immune Evasion
Principal Investigator: Esther Guzman

Investigation of Common Mechanisms of L1-type CAMs and Semaphorins Interactions in Cancer and Neurological Disorders
Principal Investigator: Vijaya Iragavarapu-Charyulu

Gladstone and Ireland, 1825-94
Principal Investigator: Douglas Kanter

Effects of Land Use on Nitrogen and Phosphorus Inputs to the Indian River Lagoon
Principal Investigator: Brian LaPointe

Effect of Sit ‘N’ Fit Chair Yoga on Community-Dwelling Elders with Osteoarthritis
Principal Investigator: Ruth McCaffrey

The Genetics of Climate Change: Genomics Research on Fitness and Population Viability in Polar Marine Mammals
Principal Investigator: Greg O’Corry-Crowe
Development and Testing of a Functional Scale for Mild Cognitive Impairment
Principal Investigator: Monica Rosselli

"Barriers to STEM Reform: Exploring the Disconnect between Self-Determination Theory and the Engineering Classroom Environment"
Principal Investigator: Khaled Sobhan

Selective Manipulation of Hippocampal PKG Activity to Modulate Memory Processes
Principal Investigator: Robert Stackman

Rubisco Gene Replacement to Increase Plant Photosynthesis Rate
Principal Investigator: Xing-Hai Zhang

Passive Acoustic Detection, Classification and Localization of Marine Mammals
Principal Investigator: Hanqi Zhuang