

**2015 RESEARCH OPPORTUNITY SEED FUND AWARDS**

<b>PI</b>	<b>Dept</b>	<b>Co-PI</b>	<b>Co-PI Dept</b>	<b>Budget Approved</b>	<b>Title</b>
Angerhofer, Alexander	CLAS	Fan, Z. Hugh ; Sautin, Yuri	ENGG; COM	\$ 89,872.00	Electron Paramagnetic Resonance Microresonators for Mammalian Cells.
Behringer, Donald C.	IFAS	Thomas B. Waltzek; Marco Salemi; James F.X. Wellehan	CALS; Vet Med; COM;Vet Med	\$ 85,502.00	Applying Advanced Tools in Molecular Biology and Phylogeography to Determining the Origins and Patterns of Dispersal in a Lethal Marine Pathogen
Chan, Edward K.L. ,	Dentistry	Sharma, Blanka ; Cohen, Donald M.	ENGG; DEN	\$ 85,620.00	Nanoparticle-mediated microRNA therapy for oral cancer
Chauhan, Anuj	ENGG	Jonathan J. Shuster; Mark Sherwood	COM	\$ 85,000.00	Glaucoma Therapy by Contact Lenses – Human Trials
Coleman, Jason E.	COM	Huikai Xie,	ENGG	\$ 85,000.00	A MEMS-Based Fiber-Optic Two-Photon Microscopy Probe For in vivo 3D Imaging Of Neural Activity In Unrestrained, Behaving Animals
Dawson, Kara	COE	Pasha Antonenko; Linda Lombardino; Albert Ritzhaupt; Carole Beal; Andreas Keil	COE;COE;COE;COE; CLAS	\$ 85,458.00	Converging Behavioral and Psychophysiological Measures: Evaluating the Effectiveness of Multimedia Learning Conditions with Dyslexic Learners
Folta, Kevin M.	IFAS	David G. Oppenheimer	CLAS	\$ 85,000.00	New Products and Treatments Based on Small Interfering Peptides
Golde, Todd E	COM	Maureen Keller-Wood; Charles Wood	COP;COM	\$ 80,000.00	rAAV based Somatic Sheep Brain and Spinal Cord Transgenesis
Gunduz, Aysegul	ENGG	Christopher Hass; Michael S. Okun	HHP; COM	\$ 85,991.00	Uncovering an Electrical Biomarker for Freezing of Gait in Parkinson's Disease
Haddad, Linda	Nursing	Jesse Dallery; Jamie Pomeranz; Cynthia Garvan,	CLAS; PHHP; CON	\$ 84,994.00	Preliminary efficacy of culturally-tailored smoking cessation for Arab American Men
Jobin, Christian	COM	Bruner, Steven	CLAS	\$ 84,996.00	Microbial factors implicated in the development of colorectal cancer
Knutson, Mitchell D.	IFAS	Benoit Giasson;	COM	\$ 85,000.00	Novel Mouse Models to Assess the Role of Manganese in Neuropathology and Parkinson Disease
Moradi, Bonnie	CLAS	Hahn, David	ENGG	\$ 75,000.00	Closing the Gender Gap in STEM: A Comprehensive Approach Using the Case of Mechanical & Aerospace Engineering
McLamore, Eric S.	IFAS	Nemat O. Keyhani; Barry Ache; Joseph Katz; Mark A. Ritenour	CALS; CLAS; Dentistry; CALS	\$ 85,000.00	Nanoengineering a Biomimetic Electronic Nose Based On Insect Olfactory Proteins
Schmidt, Christine	ENGG	Hideko Kasahara,	COM	\$ 85,000.00	Engineering Tissue Mimics to Investigate Congenital Heart Disease
Song, Sihong	Pharmacy	Shannon Holliday; Lung-Ji Chang	Dentistry; COM	\$ 62,961.00	Alpha 1 antitrypsin for the treatment of osteoporosis
Wang, Gary P.	COM	Drake Morgan; Marcelo Febo; Kevin Wang	COM	\$ 84,532.00	Mechanism of microbial signaling to the brain: the role of serotonergic pathway