

2011 Research Opportunity Fund Awards

PI	College (dept)	Co-PIs	College (dep)	Title	Approved Budget
Kesavalu, Lakshmyya	Dentistry (Periodontology)	Minoru Saloh	COM (Medicine)	Association Between Periodontitis and Rheumatoid Arthritis	\$82,000
		Edward Chan	Dentistry (Oral Biology)		
		Ann Progulske-Fox	Dentistry (Oral Biology)		
Lombardino, Linda	Education (Special Ed, School Psych and Early Childhood)	Jeffrey Farrar	CLAS (Psychology)	Development of the Kindergarten Cognitive and Reading Assessment Tool for iPad (D-CRATI)	\$83,000
		Tracy Linderholm	Education (Human Dev and Org Studies)		
		David Therriault	Education (Human Dev and Org Studies)		
Angelini, Thomas	COE (MAE)	Eric McLamore	IFAS (ABE)	Angiogenic Scaffolds for Negative Pressure Wound Therapy	\$81,000
		David Mazingo	COM (Surgery and Anesthesiology)		
		Gregory Schultz	COM (Ob / Gyn)		
Lele, Tanmay	COE (CHE)	Kyle Roux	COM (Anatomy and Cell Biol)	Altered Endothelial Mechanotransduction in Progeria and Aging	\$85,000
		Maria Grant	COM (Pharmacology and Therapeutics, Phys and Func Genomics, Ophthalmology, Psychiatry)		
		Richard Dickinson	COE (CHE)		
Pardalos, Panos	COE (ISE)	Larry Hench	COE (MSE)	Raman Spectroscopy Using a Novel Data Mining Technique for Real-Time Pharmacological Analysis of Potential Anti-Cancer Agents	\$79,000
		Brian Sorg	COE (BME)		
		Stephen Grobmyer	COM (Surgery)		
He, Zhenli L.	IFAS (Soil & Watner, & IRREC - Ft. Pierce)	Charles Powell	IFAS (Plant Pathology)	Development of Nano-Delivery System for Increasing Utilization Efficiency of Fertilizers and Pesticides	\$84,000
		Peter Stoffella	IFAS (Horticultural Sciences)		
		Xiaoe Yang	IFAS (Soil and Water Science)		

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Paret, Mathews L.	IFAS (NFREC - Quincy)	Weihong Tan	CLAS (Chemistry)	A nanotechnological intervention for management of bacterial spot of tomato	\$82,000
		Jeffrey Jones	IFAS (Plant Pathology)		
		Gary E. Vallad	IFAS (Plant Pathology and GCREC)		
		Stephen Olson	IFAS (Horticultural Sciences and NFREC)		
Percival, Susan	IFAS (Food Science and Human Nutrition)	Lei L. Zhou	COM (Mol. Genetics and Microbiology)	Effect of bioactive food components on epigenetic regulation of pro-apoptotic genes	\$80,000
Su, Nan-Yao	IFAS (Ent and Nematology and Ft. Lauderdale REC)	Monia L. Elliott	IFAS (Plant Pathology and FLREC)	Microbial Defensive Mutualists Associated with the Subterranean Termite Nesting System and Their Potential for Production of Novel Antibiotics	\$79,000
		Thomas Chouvenc (post doc)	IFAS (Eng/Nemat and FLREC)		
Chen, Sixue	CLAS (Biology)	Doug Soltis	CLAS (Biology)	Proteomic Analysis of Plant Polyploidy	\$80,000
		W. Brad Barbazuk	CLAS (Biology)		
		Pamela Soltis	FLMNH		
		Lauren McIntyre	COM (MGM)		
Ge, Jian	CLAS (Astronomy)	Alan George	COE (ECE)	Conceptual Design Study for a Remote Sensing Nanosatellite Mission	\$78,000
		Warren Dixon	COE (MAE)		
		Sabine Grunwald	IFAS (Soil and Water Science)		
		Myoseon Jang	COE (EES)		
Meisel, Mark W.	CLAS (Physics)	Daniel Talham	CLAS (Chemistry)	Photocontrol of Spintronic Devices Based on Molecular Magnets	\$78,000
		Amlan Biswas	CLAS (Physics)		
Mulligan, Connie	CLAS (Anthropology)	Clarence Gravlee	CLAS (Anthropology)	Epigenetic alterations and stress among new mothers and infants in the Democratic Republic	\$84,000
		Thomas Yang	COM (Biochem and Mol Biol)		
Ishov, Alexandar	COM (Anatomy and Cell Biology)	David Bloom	COM (Mol Genetics and Microbiology)	Role of the novel histone H3.3 chaperone in the lytic and latent phases of HSV-1 infection	\$80,000
Mocco, J	COM (Neurosurgery)	Sumners, Colin	COM (Physiology and Functional Genomics)	Functional Role of Hematopoietic Stem Cells In Recovery Following Stroke	\$37,000

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		Ed Scott	COM (Mol Genetics and Microbiology)		
Sarkisian, Matthew	COM (Neuroscience)	Lewis, Mark	COM (Psychiatry)	Mechanisms of Abnormal Brain Development in the VPA Model of Autism	\$84,000
Weiss, Michael	COM (Pediatrics)	Andre Shih	Vet Med (Large Animal Clinical Sciences)	Stem Cell Therapy for Hypoxic-Ischemic Encephalopathy: A preclinical trial	\$84,000
		Carsten Bandt	Vet Med (Small Animal Clinical Sciences)		
		Brent Reynolds	COM (Neurosurgery)		
		Jeffrey Bennett	COM (Radiology)		
		Tong Zheng	COM (Neuroscience)		
James, Margaret	COP (Medicinal Chemistry)	Charles Wood	COM (Physiology and Functional Genomics)	Inhibition of estrogen sulfotransferase as a risk to pregnancy and fetal development	\$78,000
		Maureen Keller Wood	COP (Pharmacodynamics)		
		Nancy Denslow	Vet Med (Physiological Sciences)		
Richards, Lorie	PHHP (Occup Therapy)	Jose Principe	COE (ECE)	Stroke Rehabilitation Enhancement with Brain Machine Interfaces	\$82,000
		Stephen Nadeau	COM (Neurology)		

TOTAL \$1,500,000