

2009 Research Opportunity Fund Awards

PI	College (dept)	Co-PIs	College (dept)	Title	Award
Huang, Emina H.	COM (Surgery)	Ben Keselowsky	ENG (Biomed Eng)	Cellular Array Analysis of the Precursor Colon Stem Cells Niche	\$88,000.00
Jin, Shouguang	COM (MGM)	Naohiro Terada	COM (Pathology)	Bacteria Mediated Delivery of Reprogramming Factors	\$85,000.00
Luesch, Hendrik	PHARM (Medicinal Chem)	Brian Law	COM (Pharmacology and Therapeutics)	In vivo target identification and antitumor efficacy of novel anticancer agents	\$86,000.00
		Kim Epley	COM (Whitney/Neuroscience)		
Taylor, Curtis	ENG (MAE)	Andrew Rinzler	CLAS (Physics)	Guided Self-Assembly of Nanostructures Via Nanostampdriven Droplet Diffusion and Dewetting of Metal Thin Films	\$58,509.00
Oliverio, James	FINE ARTS (Digital Media)	Justin C. Sanchez	COM (Pediatrics, Neuroscience) ENG (Biomed Eng)	A Neuroprosthetic Training System (NETS): Using Virtual Reality to Treat Paralysis	\$63,271.00
		Jose C. Principe	ENG (ECE & Biomed)		
		Jill Sonke-Henderson	Center for Arts in Healthcare Research and Education		
Barnett, Tracey	PHHP (Behavioral Science and Community Health)	Christopher McCarty	UF Survey Research Center	Use, Attitudes, and Knowledge of Waterpipe Tobacco Use at the University of Florida	\$84,260.00
		Steven Pokorny	HHP (Health Education and Behavior)		
		Barbara Curbow	PHHP (Behavioral Science and Community Health)		
		Scott Tomar	DENTISTRY (Community Dentistry and Behav Sci)		
Pozzi, Antonio	VET MED (Small Animal Clinical Sciences)	Deenesh Sahajpal	COM (Orthopaedics and Rehabilitation)	Knee joint biomechanics of different surgical techniques in medical meniscal allograft transplantation	\$83,260.00

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		MaryBeth Horodyski	COM (Orthopaedics and Rehabilitation)		
		Benjamin Fregly	ENG (MAE)		
Hermer-Vasquez, Linda	CLAS (Psychology)	David Borchelt	COM (Neuroscience)	A novel and highly promising, ultra-early biomarker for Alzheimer's Disease: Initial electrophysiological, behavioral and histopathological validations	\$80,525.00
Davidson, Mark	ENG (MSE)	Yunmei Chen	CLAS (Math)	A Portable, Wearable, Fast, Magnetic Resonance Imager (MRI)	\$90,298.00
		Frank Skidmore	COM (Neurology)		
		Bernard Whiting	CLAS (Physics)		
		Panos Pardalos	ENG (ISE)		
		Paul Holloway	ENG (MSE)		
Davis, John	IFAS (SFRC)	Alison M. Morse	IFAS (SFRC)	The Enormous Genome Challenge: How and Why did Gymnosperms acquire so much DNA?	\$95,000.00
		W. Brad Barbazuk	CLAS (Botany & Zoology)		
		J. Gordon Burleigh	CLAS (Botany & Zoology)		
		Pamela S. Soltis	FLMNH		
Hansen, Peter	IFAS (Animal Sciences)	Alan D. Ealy	IFAS (Animal Science)	Deep sequencing of mRNA to discover cumulus cell markers of embryo competence for establishment of pregnancy in humans and cattle	\$92,000.00
		Jeremy Block	IFAS (Animal Science)		
		Ken C. Drury	COM (OBGYN)		
		R. Stan Williams	COM (OBGYN)		
		Orhan Bukulmez	COM (OBGYN)		
		William G. Farmerie	ICBR		
Culp, David J.	DENTISTRY (Oral Biology)	Carol M. Stewart	DENTISTRY (Oral and Maxillofacial Surgery)	Salivary Mucins as a Potential Diagnostic Indicator and Therapeutic Treatment for Xerostomia	\$85,000.00
		Donal M. Cohen	DENTISTRY (Oral and Maxillofacial Surgery)		

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Daunic, Ann	EDUC (Spec Ed)	Nancy Corbett	EDUC (Spec Ed)	Social Emotional Learning through Literacy	\$80,000.00
		Stephen Smith	EDUC (Spec Ed)		
		Scott Miller	CLAS (Psychology)		
Song, Sihong	PHARM (Pharmaceutics)	Minoru Satoh	COM (Medicine)	Alpha 1 antitrypsin for treatment of lupus	\$80,000.00
		Laurence Morel	COM (Pathology)		
Mou, Zhonglin	IFAS (Micro and Cell Science)	William B. Barbazuk	CLAS (Botany & Zoology)	Function of Elongator in plant innate immunity	\$86,000.00
Ferl, Rob	IFAS (Hort Sciences)	Norman Fitz-Coy	ENG (MAE)	Multi-Spectral Imaging of Biological Payloads: Targeting Science for Small Satellites and Landers	\$85,674.00
		Anna-Lisa Paul	IFAS (Hort Sciences)		
		Stephen S. Eikenberry	CLAS (Astronomy)		
Chauhan, Anuj	ENG (Chem Eng)	Gregory Schultz	COM (OBGYN)	Ophthalmic Drug Delivery by Contact Lenses	\$85,802.00
		Caryn Plummer	VET MED (Small Animal Clinical Sciences)		
Omenetto, Nicolo	CLAS (Chemistry)	David Hahn	ENG (MAE)	Differential laser-induced perturbation spectroscopy: A novel approach to biosensing	\$86,834.00
		Brian Sorg	ENG (Biomed Eng)		
		Paul Gulig	COM (MGM)		