

2016 RESEARCH OPPORTUNITY SEED FUND AWARDS					
PI	Title	PI College	Co-PI	Co-PI College	Budget approved
Banks, Scott	Robotic Printing of Patient-Specific Surgical Surrogates	ENG	Frank Bova; Brent Summerlin; Tommy Angelini; Greg Sawyer	COM, CLAS, ENG	\$ 90,000.00
Devine, Darragh	A Neurodevelopmental Theory of Social and Environmental Isolation in Autism	CLAS	Eric G. Krause; Habibeh Khoshbouie,	PHARMACY, COM	\$ 90,000.00
Ding, Yousong	Developing synthetic biology approaches for the production of nitroaromatics	PHARMACY	Rosemary Loria; Steven Brunner	IFAS, CLAS	\$ 90,000.00
Emery, Kitty	Mobilizing Archaeological Biodiversity Data to Understand Past and Present Climate-Environment-Human Interactions in Florida	FLMNH	Guralnick, Robert; Neill Wallis; Mark Brenner; Emilio Bruna; José Fortes;	FLMNH, CLAS, IFAS, ENG	\$ 25,000.00
Esquivel-Upshaw, Josephine	Novel coating to minimize bacterial adhesions and tooth wear in denture acrylic	DENTISTRY	Ren, Fan; Clark, Arthur; Shaddox, Luciana;	ENG, DENTISTRY	\$ 89,000.00
Huigens, Robert	Nitroxoline Small Molecules as Cures for Persistent Bacterial Infections	PHARMACY	Gregory Schultz; Arnold Louie; George L. Drusano,	COM	\$ 89,000.00
Krieger, Janice	Developing and pilot testing a patient-centered intervention using virtual humans to increase colorectal cancer screening	CJC	Ben Lok; Thomas George; François Modave,	ENG, COM	\$ 90,000.00
Lu, Jianrong	Advanced cancers secrete GDF11 to induce cachexia	COM	Andrew Judge	PHHP	\$ 89,000.00
Martens, Jeffrey	Visualizing viral entry into neurons and the brain: Changing the paradigm	COM	David Bloom	COM	\$ 89,000.00
Matyas, Corene	Novel analysis and database management strategies to track hurricane rainfall regions detected by ground-based weather radars	CLAS	Markus Schneider	ENG	\$ 75,038.00
Morel, Laurence	Second generation acetyl-CoA carboxylase (ACC) inhibitors with an immunoregulatory function	COM	Aaron Aponick	CLAS	\$ 52,000.00
Savin, Daniel	Novel Nitrophobic Membranes for Selective Separations of Oxygen from air	CLAS	Kirk Ziegler; Sergey Vasenkov	ENG	\$ 89,000.00
Setlow, Barry	Dissecting Interneuron Function in Addiction Using Optogenetics	COM	Charles J. Frazier; Jason Coleman; Jay V. Deng,	PHARMACY, COM	\$ 90,000.00
Vulpe, Chris	Functional screening to identify mediators of dopaminergic neuronal toxicity by pesticides.	VETMED	Alex Loguinov; Mani Tagmount; Bin Liu; Ping Zhang	VETMED, PHARMACY	\$ 90,000.00
Wang, Yu	Identification of natural sweet taste receptor allosteric modulators in novel citrus cultivars	IFAS	Steven Munger; Shawn Dotson	COM	\$ 90,000.00
Ziegler, Kirk	Mitigating Bacterial Growth on Urinary Catheters with Smart Hydrogels	ENG	Victoria Bird; Paul Dominguez Gutierrez	COM	\$ 89,000.00