

**2014 Research Opportunity Seed Fund Awards**

	<b>PI</b>	<b>COLLEGE</b>	<b>co-PI (s)</b>	<b>COLLEGE(s)</b>	<b>Title</b>	<b>Budget allocated</b>
1	Raizada, M.K.	Medicine	Wood, Charles E.; Shenoy, Vinayak; Zubcevic, Jasenka; Baekey, David; Faruqi, Ibrahim; Yarrow, Joshua	CoM; CoP; CoM; VetMed; CoM; VA	Oral Delivery of Angiotensin Converting Enzyme 2 (ACE2) for Pulmonary Hypertension Therapeutics	\$ 83,000.00
2	Borchelt, David	Medicine	Luesch, Hendrik	CoP	Novel Therapeutics for activation of the antioxidant response	\$ 84,000.00
3	Hayward, Linda	VetMed	Jenshan Lin; Ferreir, Leonardo F. ; Christou, Demetra D. ;	CoE; HHP; HHP	Developing a Novel Non-invasive Non-contact Method for Cardiorespiratory Monitoring of Small Rodents	\$ 83,000.00
4	Wallet, Shannon	Dentistry	Karst, Stephanie	CoM	Intestinal Epithelial Cell Contributions to Permissiveness of Norovirus Infection of B cells	\$ 84,000.00
5	Rinaldi, Carlos	Engineering	Siemann, Dietmar	CoM	Testing the In Vivo Potential of Magnetically Mediated Energy Delivery to treat Metastatic Breast Cancer	\$ 67,187.00
6	Hulcr, Jiri	IFAS	Adams, Damian; Olexa, Michael; Smith, Matthew; Gordon, Doria; Davis, John; Schubert, Timothy; Sun, Xiaoan	IFAS; IFAS; IFAS; CLAS; IFAS; FDAC	Avoiding Damage By Exotic Wood Borers Through Pre-invasion Risk assessment and Policy	\$ 84,000.00
7	Valle, Denis	IFAS	Bohlman, Stephanie; Rheingans, Rick; Liang, Song; Vittor, Amy; Loiselle, Bette; Athayde, Simone	IFAS; PHHP/EPI; PHHP/EPI; COM/EPI	Quantifying The Public Health Impacts Of Dams In The Brazilian Amazon	\$ 84,000.00
8	Butler, Jason	Engineering	Cao, Charles; Ziegler, Kirk	CLAS; CoE	PUFS: An Innovative Strategy for Continuous Separation of Nanoparticles by Shape and Size	\$ 83,000.00
9	Settles, Mark	IFAS	McDaniel, Stuart; Barbazuk, Brad W.	CLAS; CLAS	Efficient structure-function analysis of proteins required to control cell proliferation	\$ 83,000.00
10	Yoon, Saunjoo	Nursing	George, Thomas; Pereira ,Deidre; Grundmann, Oliver; Cusi, Kenneth; Shuster, Jonathan	CoM; PHHP; CoP; CoM; CoM	Impact of mechanism based acupuncture intervention to improve weight loss in GI Cancer patients with cachexia	\$ 84,000.00
11	Trevino, Jose	Medicine	Liu, Chen	CoM	Representative Model for Human Pancreatic Cancer	\$ 84,000.00
12	Huigens, Robert W.	Pharmacy	Jin, Shouguang; Mai, Volker	CoM; PHHP	Development of Potent 2,4-Dibromophenazine Antibacterial Antibiofilm Agents	\$ 84,000.00
13	Harman, Jeffrey	PHHP	George, Steven; Fillingim, Roger	PHHP; CoD	Comparative Effectiveness of Musculoskeletal Pain Treatment in the Medicare Population	\$ 80,000.00
14	Burke,Sara Nicole	Medicine	Ormerod, Brandi K.	CoE	Neurogenesis and Memory Network Dynamics during Normal Aging	\$ 84,000.00
15	Forbes, Sean	PHHP	Lai, Song; Cusi, Kenneth; Vandenborne, Krista	CoM; CoM; PHHP	MRI Evaluation of Skeletal Muscle Vascular Function in Patients with Non-alcoholic Fatty Liver Disease	\$ 84,000.00
16	Ray, Heather	CLAS	Kelly Jordan	COE	Development of a Novel Neutron Detector	\$ 84,000.00