

**2018 RESEARCH OPPORTUNITY SEED FUND AWARDS**

<b>PI</b>	<b>PI-College</b>	<b>Co-PI</b>	<b>Co-PI College</b>	<b>Title of Proposal</b>	<b>Amount Funded</b>
Angelini, Christine	ENGG	Brenner, Mark; Canestrelli, Alberto; Bianchi, Thomas; Kenney, William	CLAS, ENGG	Rising Seas, Herbivore Outbreaks, and the Uncertain Future of Blue Carbon	\$ 88,844.00
Bungert, Jorg	COM	Hudalla, Gregory	ENGG	Development of <i>in vivo</i> targeted delivery and detection methods for potentially therapeutic synthetic DNA-binding proteins.	\$ 82,000.00
Choe, Keith	CLAS	Wu, Cheng-Wei; Luesch, Hendrik	CLAS, COP	<i>A. C. elegans</i> based drug discovery platform for modulators of pre-mRNA processing	\$ 83,067.00
Cooke, Paul	VETMED	Martynyuk, Anatoly	COM-GNV	A commonly used human anesthetic may act as an endocrine disruptor, contributing to sex-dependent developmental effects of neonatal anesthesia	\$ 80,000.00
Fuller, David	PHHP	Otto, Kevin	ENGG	A novel approach to activate paralyzed muscles following cervical spinal cord injury	\$ 75,000.00
Guirgis, Faheem	COM-JAX	Jones, Lisa; Leeuwenburgh, Christiaan; Moore, Frederick; Rosenthal, Martin; Moldawer, Lyle	COM-JAX, COM-GNV	The LIPid Intensive Drug therapy for Sepsis Pilot (LIPIDS-P) Trial	\$ 86,000.00
Katz, Adam	COM	Murfee, Walter; Sarntinoranont, Malisa	ENGG	Perfused Packed Bed Wound Dressings for <i>In-Situ</i> Tissue Repair and Regeneration	\$ 82,000.00
Lamba, Jatinder	COP	Vulpe, Christopher	VetMed	Development of Leukemia-Oncotype prototype CARS (Cytarabine <u>A</u> ML <u>R</u> esponse <u>S</u> core (CARS) for prediction of relapse risk in AML.	\$ 85,569.00

Mou, Zhonglin	IFAS	Larkin, Joseph; Wu, Lizi	IFAS, COM-GNV	Identification of the first extracellular nicotinamide adenine dinucleotide binding receptor in animal cells	\$ 82,000.00
Onel, Gulcan	IFAS	Stacciarini, Jeanne-Marie; McCarty, Christopher; Vacca, Raffaele	CON, CLAS	Implications of Shifting Migration Trends: Comparative Assessment of Social Networks, Health Status, and Productivity of Hispanic and Non-Hispanic Migrant Farm Workers	\$ 84,000.00
Palmer, Glyn	COM	Sawyer, Wallace; Ghivizzani, Steven	ENGG, COM-GNV	Developing a Novel <i>In Vitro</i> Model of Osteosarcoma by 3D printing in Liquid-Like Solids	\$ 82,000.00
Parker, Leslie	CON	Sullivan, Sandra	COM-GNV	Improving Lactation Success in Mothers of Preterm Infants Through Provision of Antenatal Education to Their Support Person	\$ 80,077.00
Patrick, Erin	ENGG	Hagen, Stephen	CLAS	Probing the Electrical Nature of Bacterial Communication	\$ 81,166.00
Ralston, Melissa	COE	Gurka, Matthew; Ryan, Kathleen; Thompson, Lindsay; Rosenthal, Cameron; Kertes, Darlene	COM-GNV, CLAS	Project CHILD: Understanding Children's Health, Influenza, and Development	\$ 85,953.00
Rinaldi, Carlos	ENGG	March, Keith; Pepine, Carl	COM-GNV	Perfusable Magnetic Cryoprotecting Agents for Heart Biobanking	\$ 80,000.00
Xie, Mingyi	COM	Kolaczowski, Bryan	IFAS	Processing of transcription start site (TSS-)microRNAs by Dicer proteins	\$ 82,000.00