2019 RESEARCH OPPORTUNITY SEED FUND AWARDS

PI	PI-College	Co-PI	Co-PI College	Title of Proposal	Amount Funded
				Examining how blood meals from different vertebrate species influence the midgut	
		Amy Vittor; Adam		microbiome of the mosquito vector Aedes aegypti,	
Alto, Barry	IFAS	Wong; Ilari Capua	COM; IFAS; IFAS	and its susceptibility to arboviral infections	\$ 85,320.00
		James Liao; Kai		Kármán gait ladders: an innovative fishway	
Canestrelli, Alberto	HWCOE	Lorenzen;	CLAS; IFAS	exploiting how fish recapture energy from vortices	\$ 91,818.00
				Identification and functional characterization of	
Chen, Sixue	CLAS	Qiu-Xing Jiang	IFAS	novel telomerase-activating factors important for human cancers and aging	\$ 85,000.00
		Barry Setlow; Yong		A Microfluidics Optrode: A Next Generation	+ 22/222122
		Kyu Yoon;		Approach to Brain Network Modulation in	
Febo Vega, Marcelo	СОМ	Matthew Burns	COM; HWCOE; COM	Parkinson's Disease	\$ 90,000.00
		Kathryn Blake;			
		Leslie Hendeles; Phyllis Hendry;			
		Benjamin Abo;			
		Jason Jones; Bruce			
		Vogel; Shiva	COP; COP; COM-JAX;		
· · · · · · · · · · · · · · · · · ·		Gautam; Sam	COM;COM;COM;COM-	Early Administration of Steroids In the Ambulance	4 0= 000 00
Fishe, Jennifer	COM-JAX	Palmer; Erik Finlay	JAX; DCP; DCP	Setting: An Observational Design Trial	\$ 85,000.00
		Dean Gabriel; Marco Salemi;		Single-cell sequencing of the citrus Huanglongbing	
		Ilaria Capua;		pathogen, Candidatus Liberibacter asiaticus, to	
Goss, Erica	IFAS	Mukesh Jain	IFAS; COM; IFAS; IFAS	advance understanding of pathogen biology	\$ 85,000.00
Gower, Laurie	HWCOE	Mark Martindale;	CLAS; HWCOE	Biosynthetic Engineering of Materials and	
Content Laurie	1111002	Thomas Angelini	02.10) 1111002	Composites	\$ 85,000.00
		Edward Phlips;			
		Pratap Pullammanappallil;			
		David Hibbitts;		Catalytic conversion of algae biomass to produce	
Hagelin Weaver, Helena	HWCOE	Spyros Svoronos;	IFAS; IFAS; CLAS; CLAS	biofuels and bio-products	\$ 90,000.00
		Mariola Edelmann;		Regulation of exosome production and content	
Jones, Melissa	IFAS	Carlos Rinaldi;	IFAS; HWCOE	resulting from human norovirus infection of B cells	\$ 85,000.00

		Thomas Angelini;			
		Caroline Storer;			
		Christopher		Developing novel genomic resources and	
		Reisch; Paul Shirk;	HWCOE; FLMNH; IFAS;	biomaterial characterization methods for the study	
Kawahara Akita	FLAANILI	· ·		·	¢ 75 000 00
Kawahara, Akito	FLMNH	Whitney Stoppel;	USDA; HWCOE	of wild moth silk	\$ 75,000.00
		Marino Leon; Fan		Rapid Detection of Cerebrospinal Fluid and	
		Ren; Stephen	COM; HWCOE;	Development of a Modular Point of Care Testing	
Lobo, Brian	COM	Pearton	HWCOE	Solution with Low-Cost Disposable Testing Strips	\$ 85,000.00
				Prenatal stress, the gut microbiota and infant	
Moore, Julie	VETMED	Connie Mulligan;	CLAS	susceptibility to malaria	\$ 80,000.00
		Alexander			
		Grenning; Barry			
		Setlow; Jenny			
		Wilkerson; Lance		Opioid and cannabinoid interactions in pain and	
Neubert, John	DENTISTRY	McMahon Jr.	CLAS; COM; COP;COP	reward	\$ 85,000.00
		Russ Hepple;			
		Salvatore Scali;		Mechanisms of muscle dysfunction in chronic	
Ryan, Terence	HHP	Mark Segal	PHHP; COM; COM	kidney disease	\$ 83,409.00
		Liang Mao; Heidi			
		Radunovich; Sally		Familial, geographic, and social determinants of	
Stacciarini, Jeanne-Marie	NURSING	Bethart	CLAS; IFAS; NURSING	mental wellbeing in rural LGBTQ+ adolescents	\$ 85,000.00