

2011-2012 INTRAMURAL GRANT PROGRAM

Level I Scores

P.I.	Co-P.I.	Co-I.	TITLE	Total Budget	Amount Requested	Match
Gaetano, Arianne Soc, Anthro & Social Work, CLA			Unmarried at Age 35: Changing Gender, Marriage and Family in Urban China	4,000	2,000	2,000
Mittal, Jay Community Planning, CADC			Study on State of Land Conservation & Stakeholds in Urban Areas of Alabama	4,000	2,000	2,000
Clark, Malissa Psychology, CLA			Investigating the Benefits and Potential "Dark Side" of Employee Self-disclosure	4,000	2,000	2,000
Zeng, Peng Math/Stat, COSAM			Computational Methods for Identifying Genes and Pathways in Complex Diseases	2,000	1,000	1,000
Deshpande, Abhijeet CE, SGCoe			Fundamental Research in the Use of n-D Models for Knowledge Management	3,999	1,999	1,999
Billor, Nedret Math & Stat, COSAM			Robust Multivariate Functional Data Analysis Techniques for fMRI Data	4,000	2,000	2,000
Braden, Timothy APP, CVM			Species-specific Contraceptive Agent for Control of Feral Swine Populations	4,000	2,000	2,000
Imsand, Eric CSSE, SGCoe			Advanced Digital Forensics for Mobile Devices	3,800	1,900	1,900
Byun, Sang-Eun Cons Affairs, CHS			Developing a Virtual Community for Rural Retailers	4,000	2,000	2,000
Locke, Chris R. Soc., ASW, CLA			Stigma of Mental Illness: Do Clients Stigmatize Each Other?	4,000	2,000	2,000
Chadwick, Nanette DBS, COSAM			Nutrient Transfer from Anemonefish Feces to Symbiotic Host Anemones	4,000	2,000	2,000
Gerken, William Finance, CoB			Assessing Fraud Risk from Self-regulatory Organization Disclosures: FINRA's Disclosures that Fail to Disclose	3,717	1,858	1,858
Schumacher, Sheri (APLA, CADC)			Design to Improve the Social, Economic & Cultural Conditions of Gee's Bend, AL	4,000	2,000	2,000
Escobar, Martha Psychology, CLA			Inference and Biological Significance as Determinants of Fear Attenuation	4,000	2,000	2,000
Serviss, Patricia English, CLA			The Community Writing Center	4,000	2,000	2,000
Zhang, Yaoqi, SFWS			Changing Alabama Coastal Economy: Implications for Water-based Industries	4,000	2,000	2,000
Youngblood, Norman CJ, CLA			Finding & Assessing Medical/Pharmaceutical Information: Usability & Credibility	4,000	2,000	2,000
Wilborn, Robyn DCS, CVM			Characterization of Circulating Kisspeptin Concentration in Equine Pregnancy	3,844	1,922	1,922
Plexico, Laura Comm. Dis., CLA			Effect of Menstrual Cycle on Voice Parameters	3,918	1,959	1,959
Pope, Willima, SoN			Animal Assisted Therapy for Elderly Resident of a Skilled Nursing Facility	4,000	2,000	2,000
Tan, Lindsay Cons Affairs, CHS			Analysis of Technologies for Effective Design Communication	4,027	2,000	2,027

Blake, Kimberly Pharmacy Care Sys., HSoP			The Association between Body Weight, Value of the Future and Dietary Behaviors	4,000	2,000	2,000
Goertzen, Leslie DBS, COSAM			High-throughput Sequencing of Marshallia Plastid Genomes	4,000	2,000	2,000
Buschle-Diller, Gisela PFE, SGCoe			Injectable Biocompatible Scaffolds for Tissue Repair	4,000	2,000	2,000
Krtic, Zdenko Fine Art, CLA			Studio Art Project: Scaffoldings, Screens & Tarmacs: Mixed Media Paintings	4,000	2,000	2,000
Muntifering, Russell AnSci, CoA			Forage Productivity and Quality as Influenced by Elevated Ozone and Nitrogen	4,000	2,000	2,000
Seals, Richard Economics, CLA			Labor Market Discrimination of Ex-convicts: Evidence from the Field	4,000	2,000	2,000
Blumsack, Judith Comm Dis, CLA			Head Circumference, Height, and Weight Relationships to Ear Canal Measurements	3,400	1,700	1,700
Park, Jung Chul Finance, CoB			Owenship Structure and Stock Repurchases: Evidence from South Korea	4,000	2,000	2,000
Hendricks, Constance, SoN			Increasing Diversity in Nursing: AU NURSE2	4,000	2,000	2,000
				116,705	58,338	58,365

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Level II Scores

P.I.	Co-P.I.	Co-I.	TITLE	Total Budget	Amount Requested	Match
Via, Brian SWFS	Auad, Maria Polymer/Fiber, SGCoe		Development of a Green Epoxy Resin from Liquefied Wood	7,498	3,749	3,749
Aimee, Callender, Psychology, CLA		1) Lakin, Joni EFLT, CoEd 2) Gillis, Jennifer Psychology, CLA	Validating Reading Measures for Children with an Autism Spectrum Disorder	7,500	3,750	3,750
LeBleu, Charlene (Arch., CADC)	1) Parker, Francine, SoN, 2) Hunt, Caralise, SoN		Improving Activity & Environmental Parameters in Auburn Housing Authority	7,500	3,750	3,750
Long, James Accountancy, CoB		Franco-Watkins, Ana Psychology, CLA	Accounting for the Costs and Benefits of Task Interruption	7,500	3,750	3,750
Pondugula, Satyanarayana APP, CVM		1) Smith, Bruce (Patho, CVM), 2) Smith, A (DCS, CVM)	Expression Profile of Nuclear Receptors and their Target Genes in Canine Cancer	7,500	3,750	3,750
Medina, Almitra Foreign Languages, CLA		1) Krishnamurti, S (Com Disorders, CLA), 2) Socarras, G (Foreign Lang, CLA)	Intelligibility of Fast L2 Speech in Spanish	7,500	3,750	3,750
Fox, Brent Pharmacy Care Systems, HSoP	Umphress, David CSSE, SGCoe		mHealth Innovation Laboratory	10,750	3,750	7,000
				55,748	26,249	29,499

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Level III Scores

P.I.	Co-P.I.	Co-I.	TITLE	Total Budget	Amount Requested	Match
Dhanasekaran, Murali (Pharma-cal Sci., HSoP)	Clement, Prabhakar Civil Engr., SGCoe		Understanding the Behavior and Biochemical Effects of Gulf Oil and Corexit	44,000	22,000	22,000
Hanson, Reid Clinical Sci, CVM	Jackson, Robert Mechanical Engr, SGCoe	1) Denney, T (EE, SGCoe), 2) Wang, S (ChemE, SGCoe)	Multiscale Modeling of Articular Cartilage with 7T MRI, Profiler, and Tribometry	200,000	100,000	100,000
Zhang, Daowei SFWS	Laband, David Economics, CLA		Market-based Instruments for Ecosystem Services: An Assessment	61,512	30,756	30,756
Mathews, Suresh Nutrition, Dietetics & Hospitality Mngt., CHS		1) Judd, R. (APP, CVM) 2) Mize, J. (HDFS, CHS) 3) Gropper, S. (NDHM, CHS) 3) Struempfer, B. (Extension, NDHM, CHS) 4) Parmer, S. (ACES) 5) Kam, F. (AU Med Clinic)	Salivary Biomarkers of Inflammation & Stress in Childhood Obesity	73,174	36,587	36,587
Adanur, Sabit Polymer/Fiber, SGCoe	1) Meir, Amnon Math/Stat, COSAM 2) Cao, Yanzhao Math/Stat, COSAM		Virtual 3D Interlace Fabric Design and Characterization	37,500	18,750	18,750
Tao, Ya-Xiong APP, CVM		White, Doug Nutrition, Dietetics & Hospitality Mngt., CHS	A Novel Rat Model for Human Obesity due to Melanocortin-4 Receptor Mutations	102,000	51,000	51,000
Nueman, Ronald Chemical Engr, SGCoe	Eckhardt, Lori SFWS		Field Trial of a Controlled Vapro Delivery Method in an IPM System	97,000	48,500	48,500
Quindry, John Kinesiology, CoEd		1) Amin, R (Pharmacal Sci., HSoP), 2) Denney, T (EE, SGCoe)	Exercise, IL-6 and Heart Attack Protection	75,000	37,500	37,500
Jeganathan, Ramesh (NDHM, CHS)		1) Kluess, H. (Kinesiology, CoEd) 2) Singh, N. (Biol. Sci., COSAM)	Role of Neurotrophin Receptor in Alzheimer's Disease	82,000	41,000	41,000
Yan, Weili Pharm- acal Sci., HSoP	Petrenko, Valery Pathobiology, CVM		Targeted nanomedicine to Overcome Cancer Chemoresistance	149,982	74,991	74,991
Martin, Everett SERC, CoEd	Hill, Doris (Disability Research Ctr, CoEd)	1) Windham, J (Industrial Design, SGCoe), 2) Sefton, J (Kinesiology, CoEd)	Creating Innovative Assistive Technology Solution for Wounded Warriors	94,566	47,283	47,283
Zhao, Dongye (CE, SGCoe)		1) Feng, Yucheng (Agron & Soil, CoA), 2) Zou, Haribo (Geol/Geogr, COSAM)	Immobilization of Toxic Metals in Soil and Groudwater using Iron Nanoparticles	79,656	39,828	39,828
1,096,390				548,195	548,195	

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Level IV Scores

P.I.	Co-P.I.	Co-I.	TITLE	Total Budget	Amount Requested	Match
Dong, Jianjun Physics, COSAM	1) Hansen, R (PCS, HSOP), 2) Santos, S (DBS, COSAM), 3) Patkowski, K (Chem/ Bch, COSAM), 4) Thomas, E (Physics, COSAM)	Forrest, P (COSAM IT)	SPIRIT - Storing Petabytes of Information for Research into Tomorrow's Science	150,000	100,000	50,000
Gorden, Anne Chem/Biochem, COSAM		1) Goldsmith, C (Chem/Biochem, COSAM), 2) Mills, G (Chem/Biochem, COSAM), 3) Davis, V (Chem E, SGCoe)	Ultraviolet-visible/Flourescence Microspectrophotometer	220,000	160,000	60,000
Marzden, Luke Geology/Geography , COSAM	1) Chappelka, A (SFWS), 2) Holley, P (Bldg Sci, CADC), 3) Loewenstein, E (SFWS)		Deve. Of Interdisciplinary Opportunities for Ground- based LiDAR Applications	111,691	86,691	25,000
Williams, John Physics, COSAM		1) Payton, Lewis (ME, SGCoe), 2) Bozack, Michael Physics, COSAM	Acquisition by COSAM & COE of a Keyence Model VHX Digital Optical Microscope	99,995	74,995	25,000
Lall, Pradeep Mechanical Engr., SGCoe	1) Bozack, M (Physics, COSAM) 2) Evans, J (ISE, SGCoe)		Micro-CT Equipment for Non-destructive Imaging of Vehicle Electronics in Hybrid-electric and Fully-electric Vehicles	150,000	100,000	50,000
731,686				521,686	210,000	

Level (# awards)	Total	OVPR	Match
Level I (30)	116,705	58,338	58,365
Level II (7)	55,748	26,249	29,499
Level III (12)	1,096,390	548,195	548,195
Level IV (5)	731,686	521,686	210,000
TOTAL	\$2,000,529	\$1,154,468	\$846,059