

Sponsored Awards Management (SAM)

Fiscal Year 2005

RPS Category I

Arts and Sciences, College of

Chemistry & Biochemistry

Thompson, Paul

Mechanism and Inhibition of Protein Arginine Methyltransferases - 13020-KA15 19,000

Sponsor: USC Research Foundation

Co-PI: Dawson, John

Geography

Dahlman, Carl

The Effects of Displacement Outcomes on Post-War State-Building and Social Reconstruction in Bosnia-Herzegovina - 13540-KA05 16,000

Sponsor: USC Research Foundation

Co-PI: Starr, Harvey

Geological Sciences

Barbeau, David

Mountain-Building & Sedimentary Basins in the Southernmost Andes - 13040-KA09 19,000

Sponsor: USC Research Foundation

Co-PI: Kohn, Matthew

Psychology

Aksenov, Michael

Protein Targets of Oxidative Stress in Neuronal Cell Culture Exposed HIV-1 Protein Tat and Cocaine: Dopamine Transporter (DAT) - 13580-KA08 19,000

Sponsor: USC Research Foundation

Co-PI: Booze, Rosemarie

Almor, Amit

Memory and Language in Aging and Alzheimer's Disease - 13580-KA09 13,000

Sponsor: USC Research Foundation

Co-PI:

Walker, Rheeda

Piloting the Psychological Autopsy Method for African American Suicide - 13580-KA10 5,000

Sponsor: USC Research Foundation

Co-PI:

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Sociology

Simpson, Brent

Trust and Embedded Markets - 13530-KA00 8,500

Sponsor: USC Research Foundation

Co-PI: Markovsky, Barry

Engineering & Information Technology, College of

Chemical Engineering

Jabbari, Esmail

Bimodally Degradable Hydrogels as a Carrier for Stem cells in Cartilage Regeneration - 15510-KA13 19,000

Sponsor: USC Research Foundation

Co-PI: Borg, Thomas

Moss, Melissa

Involvement of Endothelial Receptors in Abeta-augmented Adhesion and Vascular Degeneration. - 15510-KA12 19,000

Sponsor: USC Research Foundation

Co-PI: Matthews, Michael

Computer Science & Engineering

Huang, Chin-Tser

Multiple Instantiations of Dynamic Firewall Rules in BGP Routers - 15590-KA04 16,000

Sponsor: USC Research Foundation

Co-PI: Cameron, Kirk

Quan, Gang

Power Aware Scheduling for Real-Time Embedded Systems - 15590-KA03 14,000

Sponsor: USC Research Foundation

Co-PI: Cameron, Kirk

Valafar, Homayoun

Monosaccharide Decomposition Analysis of Complex Carbohydrates from 1D-1H NMR Spectra - 15590-KA02 19,000

Sponsor: USC Research Foundation

Co-PI: Rose, John

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Medicine, School of

Cell & Developmental Biology & Anatomy

Lessner, Susan

In Vivo Imaging of Angiogenesis in a Mouse Model Using Soluble Quantum Dots - 18020-KA06 19,000

Sponsor: USC Research Foundation

Co-PI: Borg, Thomas

Neuropsychiatry

Narasimhan, Meera

An Open Label Trial of Aripiprazole in the Treatment of Autism and its Correlation to Whole Blood Serotonin Levels and Serotonin Transporter Function - 18120-KA01 19,000

Sponsor: USC Research Foundation

Co-PI: Wright, Harry

Public Health, Arnold School of

Epidemiology & Biostatistics

Adams, Swann

Ethnicity, Follow-up, and Breast Cancer Outcomes Among Economically Disadvantaged Women - 11520-KA06 17,000

Sponsor: USC Research Foundation

Co-PI: Hebert, James

Exercise Science

Fritz, Stacy

Modified Constraint-Induced Movement Therapy for Individuals with Chronic Lower-Extremity Deficits Post-Stroke - 11530-KA15 18,000

Sponsor: USC Research Foundation

Co-PI: Baylis, Gordon

Pfeiffer, Karin

Sensitivity to Change of Accelerometry as a Measure of Physical Activity - 11530-KA16 19,000

Sponsor: USC Research Foundation

Co-PI: Pate, Russ

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RPS Category II

Arts and Sciences, College of

History

Harrison, Carol

French Science, Australian Nature: Natural History and the Baudin Expedition, 1801-1804 - 13550-KA01 6,800

Sponsor: USC Research Foundation

Co-PI:

Lekan, Thomas

Sublime Consumption: German Nature Tourism and the Mass Production of Landscape - 13550-KA02 6,000

Sponsor: USC Research Foundation

Co-PI:

Languages, Literatures, and Cultures, Department of

Marsh, Steven

Tracks, Traces and Commonplaces: Spanish Popular Cinema from Luis Buñuel to Pedro Almodóvar 7,000

- 12610-KA07

Sponsor: USC Research Foundation

Co-PI:

Business, Moore School of

Business, Moore School of - Division of Research

Woodward, Douglas

Filling the Knowledge Gap: An Economic and Financial Survey of Mexican Migrants in South Carolina - 21200-KA10 6,500

Sponsor: USC Research Foundation

Co-PI:

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Engineering & Information Technology, College of

Civil & Environmental Engineering

Haselbach, Liv

*Sustainable Construction at the University of South Carolina
A Comparative Analysis* 6,000
- 15520-KA06

Sponsor: USC Research Foundation

Co-PI:

Music, School of

Music, School of

Bain, Reginald

xMUSE @ USC Interactive Sonification Research Project - 12550-KA04 6,700

Sponsor: USC Research Foundation

Co-PI:

Barnes, Gail

An Online Community for Orchestra and String Teachers - 12550-KA07 6,000

Sponsor: USC Research Foundation

Co-PI:

Public Health, Arnold School of

Prevention Research Center

Granner, Michelle

*Sedentary and Physical Activity Behavior in Women: Associations with Eating
Behavior - 11570-KA13* 7,000

Sponsor: USC Research Foundation

Co-PI:

USC Aiken

USC Aiken

Chen, Tieling

*A Wavelet Transformation Based Approach to Object Delineation and Object
Extraction* 4,000
in High Resolution Aerial Images - 17110-KA09

Sponsor: USC Research Foundation

Co-PI:

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Fiscal Year 2005

Dyer, Andrew		
<i>The reproductive biology of Cyperus Rotundus and C. Esculentus - 17110-KA10</i>		5,000
Sponsor: USC Research Foundation		
Co-PI:		
Fadimba, Koffi		
<i>Error Analysis and Numerical Solutions for a Backward Euler Scheme for a class of Porous Medium Equations - 17110-KA11</i>		6,500
Sponsor: USC Research Foundation		
Co-PI:		
Leverette, Chad		
<i>Investigation of GLAD Substrates for Surface-Enhanced Infrared Absorption (SEIRA) Spectroscopy - 17110-KA12</i>		6,000
Sponsor: USC Research Foundation		
Co-PI:		
USC Beaufort		
USC Beaufort		
Pearce, Colin		
<i>The Writings of George Frederick Holmes - 17220-KA02</i>		4,000
Sponsor: USC Research Foundation		
Co-PI:		
USC Sumter		
USC Sumter		
Reisenauer, Eric		
<i>Of Arms and Armageddon: Millennialism and Modernity in Great War Britain, 1914-1918 - 17440-KA02</i>		4,000
Sponsor: USC Research Foundation		
Co-PI:		
USC Upstate		
USC Upstate		
van Delden, Sebastian		
<i>Robotics Research at USC Upstate - 17880-KA05</i>		7,000
Sponsor: USC Research Foundation		
Co-PI:		

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RPS Category III

Arts and Sciences, College of

Art

Hunter, Dawn

Spectacle Spetacular: A Series of Acrylic Paintings - 12510-KA10 4,000

Sponsor: USC Research Foundation

Co-PI:

Iaffoon, Jennifer

"Home Sweet Home" - 12510-KA09 4,000

Sponsor: USC Research Foundation

Co-PI:

nace, stephanie

Southeast Association for Book Arts Traveling Exhibition Catalogue - 12510-KA08 4,000

Sponsor: USC Research Foundation

Co-PI: nace, stephanie

Voros, David

Visualizing Dante - 12510-KA11 4,000

Sponsor: USC Research Foundation

Co-PI:

Music, School of

Music, School of

Lomazov, Marina

Compact Disk Recording - 12550-KA03 4,000

Sponsor: USC Research Foundation

Co-PI:

Nagel, Rebecca

CD recording project - 12550-KA05 4,000

Sponsor: USC Research Foundation

Co-PI:

Terwilliger, William

CD Recording - Chamber Music of Paul Schoenfield - 12550-KA06 6,000

Sponsor: USC Research Foundation

Co-PI:

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Report Total: \$397,000