

***SPONSORED PROGRAMS and RESEARCH***  
***Research and Productive Scholarship Awards - FY2003***

**Business, Moore School of**

*Business Administration - (Dean)*

**Zhang, Donghang**

*Is Commission Generation a Factor in IPO Pricing and Allocation?*

**\$4,800**

**Engineering & Information Technology, College of**

*Computer Science & Engineering*

**Clarke, Duncan**

*Automated Test Generation for Hybrid Systems*

**\$10,450**

**Zachary, John**

*Power-Aware Security Mechanisms for Distributed Sensor Networks*

**\$14,900**

**Liberal Arts, College of**

*Anthropology*

**Kingsolver, Ann**

*Archival Research for Ethnography of Interpretations of  
Globalization in the Tea-producing Region of Sri Lanka*

**\$7,200**

*English*

**Gieskes, Edward**

*Writing the Professions*

**\$5,000**

*Government & International Studies*

**Hansford, Thomas**

*The Political Determinants of the Expansion of the Federal Judiciary*

**\$6,200**

*History*

**Edwards, Kathryn**

*Living with the Dead: Ghosts in European Society and Culture, c.  
1300-1950*

**\$7,000**

**Krylova, Anna**

*The New Man in Russia, 1900s-1930s: From Organic Bolshevism to  
Soviet Culture*

**\$5,000**

***SPONSORED PROGRAMS and RESEARCH***  
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*Languages, Literatures, and Cultures, Department of*

**Vazsonyi, Nicholas**

*The Wagner Industry*

**\$8,000**

*Psychology*

**Ardoin, Scott**

*Validating a Model for Identifying Students with Special Education Needs*

**\$14,700**

**Walker, Rheeda**

*An Examination of Acculturation to Explain the Surge of Suicidality Among African American Men*

**\$10,600**

*Sociology*

**Simpson, Brent**

*Power and Perception in Networks*

**\$8,640**

**Medicine, School of**

*Pathology & Microbiology*

**Patton, Jeffrey**

*Defining the Components Necessary for Splicing Factor RNA Metabolism*

**\$12,000**

*Pharmacology, Physiology & Neuroscience*

**Reagan, Lawrence**

*Neuronal Insulin Signal Transduction Mechanisms and GLUT Trafficking*

**\$14,000**

**Music, School of**

*Music, School of*

**Karnes, Kevin**

*Musical Life, Cultural Politics, and National Identity in Russia's Baltic Provinces, 1856-1918*

**\$7,200**

***SPONSORED PROGRAMS and RESEARCH***  
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**Public Health, Norman J. Arnold School of**

*Communication Sciences & Disorders*

**Fridriksson, Julius**

*Neural Activation in Stroke Recovery*

**\$15,000**

**Healy, Eric**

*Speech Perception in Hearing Protheses*

**\$14,200**

*Epidemiology & Biostatistics*

**Foppa, Ivo**

*Transmission Dynamics of West Nile Virus in South Carolina*

**\$15,000**

*Exercise Science*

**Haehl, Victoria**

*Understanding Motor Skill Acquisition in Children with Cerebral Palsy and Infants with Typical Development*

**\$14,210**

**Science and Mathematics, College of**

*Biological Sciences*

**Krizek, Beth**

*Mapping and Positional Cloning of a New Homeotic Gene*

**\$14,800**

**Patel, Rekha**

*Regulation of Angiogenesis*

**\$15,000**

*Chemistry & Biochemistry*

**Lavigne, John**

*The Generation of Boronate-Ester Mediated Self-Assembling Materials: An Introduction*

**\$15,000**

*Geological Sciences*

**Benitez-Nelson, Claudia**

*Phosphorus Speciation in Cariaco Basin Using Chemical Separation and <sup>31</sup>P NMR*

**\$13,000**

*Mathematics*

**Miller, Matthew**

*A Local Enhancement Model for Group Foraging*

**\$6,800**

***SPONSORED PROGRAMS and RESEARCH***  
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*Physics & Astronomy*

**Prozorov, Ruslan**

*Sonochemical Modification of the Irreversible Properties of Superconductors*

**\$15,000**

**USC Aiken**

*History*

**Lacy, Elaine**

*Hispanics in South Carolina: Exploring the Process of Assimilation*

**\$7,200**

*Visual and Performing Arts*

**Fowler, Michael**

*Painters Portray Lincoln*

**\$5,800**

**USC Spartanburg**

*English*

**McConnell, Thomas**

*End of Earth (a Novel)*

**\$6,500**

**USC Sumter**

*Math, Science, & Engineering*

**Fernandes, Pearl**

*Morphological and Molecular Analyses of Peromyscus Species at Poinsett State Park*

**\$6,800**

***Grand Total***

***\$300,000***