

SPONSORED PROGRAMS and RESEARCH
Research and Productive Scholarship Awards 2002
Category I

College of Engineering & Information Technology

Civil and Environmental Engineering

Anderson, Erik I.

"An Analytical Investigation of Groundwater-Surface Water Interaction **\$12,000**

Mechanical Engineering

Darabi, Jeff

"Development of an Electrohydrodynamic Micropump" **\$10,000**

College of Liberal Arts

Psychology

Armstead, Cheryl A.

"Skin Tone, Race-Related Stress, and 24-Hour Blood Pressure in Young Normotensive African Americans" **\$15,000**

Prinz, Ron

"Pilot Study on Primary Care Consultation to Promote Positive Parenting" **\$14,000**

Smith, Bradley

"Afterschool Treatment for Adolescents with ADHD" **\$15,000**

College of Science and Math

Biological Sciences

Raguso, Robert A.

"Does CO₂ Synergize Insect Sensory Responses? A Case Study of Manduca Sexta" **\$10,000**

Reisman, David

"Cell Cycle and Deregulated Expression of the p53 Tumor Suppressor Gene" **\$12,000**

Smith, Deanne S.

"Proteomics of Microtubule-Associated Proteins in the EB1 Family" **\$14,000**

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Stratmann, Johannes

"Production and Testing of Polyclonal Antibodies Against MAP Kinases **\$15,000**

Chemistry & Biochemistry

Kistler, W. Stephen

*"Preliminary Characterization of a Cell Cycle Regulated Transcription
Factor for H1 Histone Genes"* **\$12,800**

Rassolov, Vitaly A.

"Modeling of Interactions Between Charges and Nanoparticles" **\$14,500**

Physics & Astronomy

Kulkarni, Varsha

"Quasar Absorption Lines as Probes of Galaxy Evolution" **\$12,000**

Norman J. Arnold School of Public Health

Communication Sciences & Disorders

Jackson, Janice E.

*"Investigation of Tense & Processing as Non-biased Measures of
Language Development"* **\$14,700**

Exercise Science

Carson, James

*"Aged Muscle's Decreased Capacity for Regeneration: The Androgen
Receptor's Role"* **\$15,000**

Prevention Research Center

Wilson, Dawn K.

"Promoting Physical Activity in Underserved Adolescents" **\$14,000**

Grand Total ***\$200,000***