

SUMMER 2008 President's Undergraduate Research Awards (PURA)

Student Name	Student Major	Project Title	Mentor	Mentor School	Award Type
COC					
Miller, Daniel	CM	The Online Community Grid	Bader,David Albert	CSE	Salary
Logan, Moon	CS	Interactive Visualization of I/O System for Supercomputing Applications	Gavrilovska Habl,Ada	CSS	Salary
COE					
Teuscher, Dustin	AE	Closed Gas Cycle Boundary Layer Turbine For Micro Renewable Power	Komerath,Narayanan M	AE	Salary
Chen, Justin	BME	Effect of extracellular matrix mechanics on cell behavior/phenotype	Barker,Thomas Harrison	BME	Salary
Chu, Virginia	BME	Effects of Rotary Environments on Static Cultured Embryoid Bodies	McDevitt,Todd C	BME	Salary
Damaraju, Venkata	BME	Characterization of the biomechanics of GPIb α -vWF tether bond using platelet-type von Willebrand Disease causing mutation K237V expressed in CHO cells.	McIntire,Larry Vern	BME	Salary
Giardina, Christopher	BME	Constructing linearly aligned neuro-inductive nanofiber scaffolds for the control of growing neurites	Wang,Yadong	BME	Salary
Gyoneva, Lazarina	BME	Chordal Cutting	Yoganathan,Ajit	BME	Salary
Hutton, Daphne	BME	The effects of aging on osteointegration due to vitamin D receptors and integrin expression	Boyan,Barbara D	BME	Salary
Jung, Philsub	BME	The optimized location of an arterial cannula is essential to protect the brain during fontan procedure.	De Julien De Zelicourt,Diane Alicia	BME	Salary
Lundrigan, Julia	BME	In vitro cell response to acellular embryonic stem cell-derived acellular matrices	McDevitt,Todd C	BME	Salary
Nayebosadri, Arman	BME	Effect of Cyclic Strain on the Expression of CYP1A1 and CYP1B1 genes in Vascular Endothelial Cells	McIntire,Larry Vern	BME	Salary
Nguyen, Anh	BME	Biocompatibility and Controlled Release Rate Analysis of the PSR Polymer	Wang,Yadong	BME	Salary
Pan, Qingfen	BME	Validation of Molecular Probes using Thapsigargin and Dihydrotestosterone for the Modulation of Androgen Receptor mRNA Level, Localization, and Stability in Live Prostate Cancer Cells	Bao,Gang	BME	Salary
Yeh, Julie	BME	Utilization of nanoscaffolds to bridge peripheral nerve gaps	Bellamkonda,Ravi Venkat	BME	Salary
Croft, Katherine	CHBE	Olefin Epoxidation with a Mixed Solvent System	Eckert,Charles A	CHBE	Salary

SUMMER 2008 President's Undergraduate Research Awards (PURA)

Student Name	Student Major	Project Title	Mentor	Mentor School	Award Type
Lenceski, Sarah	Chem	Design of Reversible Ionic Liquids for Economical and Environmentally Benign Processes	Eckert, Charles A	CHBE	Salary
Reid, Michael	CHBE	Effects of Nitric Oxide on the Cardiovascular System.	Taite, Lakeshia J	CHBE	Salary
Zhang, Boyang (Michael)	CHBE	A microfluidic device for the generation of biomolecular concentration gradients in Functionalized 3-Dimensional Hydrogels	Lu, Hang	CHBE	Salary
Fullerton, Clare	CEE	Real-time Proximity Detection and Warning	Teizer, Jochen	CEE	Salary
McGarity, Micajah	ISYE	Simulation of Pandemic Influenza	Goldsmann, David	ISYE	Salary
Muhlbauer, Rachel	MSE	Silk for Nanoparticle Growth	Tsukruk, Vladimir V	MSE	Salary
Chu, Chun	ME	Electrically Conductive Polymer Nanocomposites: Comparison between Theoretical Models and Experimental Data	Kalaitzidou, Kyriaki	ME	Salary
Smith, Anderson	ME	Comparison of Command Filtering Methods for Vibration Reduction in Mechanical Systems	Singhose, William E	ME	Salary
Chamberlin, Amanda	PTFE	Encouraging International Collaborative Research	Reaff, Mary Lynn	PTFE	Travel
Hannon, Adam	PTFE	Finding a Diblock Copolymer Material Basis for Quantum Computing	Thio, Yonathan S	PTFE	Salary
Hiddleson, Kyle	PTFE	Investigation of Female Engineering Faculty's Experiences with International Collaborations, Research, and Gender Equity	Reaff, Mary Lynn	PTFE	Travel
COM					
Bailey, Eric	MGMT	The Financial Impact of the Change in the Reporting of Stock Option Expense	Turner, Deborah H	MGMT	Salary
Harris, Andrew	MGMT	Maximizing Construction and Demolition Waste Recycling through Industry Cooperation	Toktay-Tsiotras, Latife Beril	MGMT	Salary
COS					
Butler, Denise	MGMT	Mechanisms Underlying Variability in Human Eccrine Sweat Sodium Physiology	Millard-Stafford, Melinda	AP	Salary
Chen, Shen	BIOL	The influence of quorum-sensing on <i>V. parahaemolyticus</i> survival under carbon starvation	Sobecky, Patricia A	BIOL	Salary
Crumley, Mary	BIOL	Establishing relationships of $\delta^{15}N$ values of zooplankton and the N ₂ -fixation rate of the Pacific Ocean	Montoya, Joseph P.	BIOL	Salary
Flakes, Sooyung	BIOL	The role of community assembly on predator population dynamic and prey community structure	Jiang, Lin	BIOL	Salary
Huch, Natalie	BIOL	A Temporal Study of the Effects of Epibionts on Zooplankton Abundance, Fecundity, and Fitness in Piedmont Pond	Duffy, Meghan Anne	BIOL	Salary

SUMMER 2008 President's Undergraduate Research Awards (PURA)

Student Name	Student Major	Project Title	Mentor	Mentor School	Award Type
Schmidt, Sierra	CHEM	Experimental Studies on Infections With Multiple Parasites in Daphnia	Duffy,Meghan Anne	BIOL	Salary
Vojdani, Saman	BIOL	Genomic Imprinting as a Factor of Linker Histones	Fan,Yuhong	BIOL	Salary
Bolivar, Claudio (Andres)	CHEM	Nazarov cyclization of substituted divinyl imines, or Imino-Nazarov	France,Stefan Anthony	CHEM	Salary
Bruce, Marc	CHEM	Properties of indanomycin	Kelly,Wendy L	CHEM	Salary
Dougherty, Jessica	CHEM	Expression of LIMP-II Soluble Protein Construct	Lieberman,Raquel L	CHEM	Salary
Graves, Christina	BIOL	Prebiotic Formamide Chemistry	Hud,Nicholas V	CHEM	Salary
Haulk, Jesse	CHEM	Tracking motion in a cell on a nanometer-level	Payne,Christine K	CHEM	Salary
Holladay, Benjamin	Physics	Modeling Intercalation into a Glycol Nucleic Acids	Hud,Nicholas V	CHEM	Salary
Hood, Rebecca	CHEM	Determining the structure-activity relationship of novel histone deacetylase (HDAC) isoform-specific inhibitors	Oyelere,Adegboyega	CHEM	Salary
Quarles, Kaycee	CHBE	Intercalators as the Missing Link to the Origin of Life	Hud,Nicholas V	CHEM	Salary
Stager, Christy	CHEM	DNA base pair mismatch recognition by anthracyclines	Oyelere,Adegboyega	CHEM	Salary
Stone, Cody	CHEM	The Recyclability of Dibenzyl Ether in the Metal Acetate Reaction in the Synthesis of Magnetic Particles and Synthesis of Zinc Core/Shell Nanoparticles	Zhang,Z John	CHEM	Salary
Sayani, Hussein	EAS	Reconstruction of Sea-surface Temperature in the Tropical Pacific during the Little Ice Age	Cobb,Kim M	EAS	Salary
Campbell, Jenna	Physics	Porous Silicon: Active Microfilters and Electroluminescence	Gole,James L	Physics	Salary
Harris, Carrie	BME	Pericellular Matrix Reorganization During Cell Migration	Curtis,Jennifer Erin	Physics	Salary
Larsen, Nicole	Physics	Porous Silicon Microfilters and Electroluminescence	Gole,James L	Physics	Salary
Weisgerber, Daniel	Physics	Porous Silicon Sensors	Gole,James L	Physics	Salary
Alverson, William	Psych	How Do Emotional Stimuli Interact With Visual Attention?	Corballis,Paul M	Psych	Salary
Greenberg, Ronit	Psych	Feeling of Knowing (FOK) in Young Adults: An fMRI Study	Hertzog,Christopher K	Psych	Salary
Ivey, Kacey	Psych	Influence of Color on Recall Ability	Corso,Gregory M	Psych	Salary
Kim, Christine	Psych	Individual differences in Stroop interference, goal neglect, and recognition memory.	Engle,Randall W	Psych	Salary

SUMMER 2008 President's Undergraduate Research Awards (PURA)

Student Name	Student Major	Project Title	Mentor	Mentor School	Award Type
IAC					
Solomon, Sean	ECON	Virginia's New South Legal Culture and its Social Role	Flamming, Doug	HTS	Salary
Pon, Corbin	CS	The Level of Mobile Telephony in the Population of Migrant Workers in Shanghai, China	Best,Michael L	INTA	Salary
Brown, Lauren	LCC	From Fiction to Reality and Back Again: The Representations and Associations of Nanotechnology in Science Fiction	Yaszek,Lisa	LCC	Salary
Caldwell, Jared	CM	Real Time Virtual Cinema Camera	Nitsche,Michael	LCC	Salary
Head, Jimia	LCC	Women, Science, and Technology Initiatives at Inman Middle School	Colatrella,Carol A	LCC	Salary
Jurgowski, Krzysztof	CS	My Paris Year, the Second Life Manifestations: Creating "Spaces" for the Georgia Tech Digital Poetry Initiative	Head,Karen J	CETL/LCC	Salary
Rojas, Martin	CM	Machinima: A procedural and Multi-input approach to emergent game play	Nitsche,Michael	LCC	Salary
Vandagriff, Jenifer	LCC	My Paris Year – Part Deux: Virtual Location-Based Digital Poetry	Bolter,Jay D	LCC	Salary