COA Cher Mark COC He, J Keys (decl COE Prahi Thak Ban, Balus Frazi	, Jiasheng yser, Jonathan eclined) ahst, Benjamin	ID ARCH CS CS AE	Reeder, Kevin Khan, Sabir Starner, Thad E Edwards, Warren Keith Komerath, Narayanan M	COA COA Inter. Comp Inter. Comp	Retail Environment Exhibit Design The Evolution of the Pedestrian Experience in Atlanta A Wireless Contact-free Gesture based Wrist Interface Usability and Networking	Travel Salary Salary Salary
COC He, J Keys (decl COE Prah: Thak Ban, Balus Frazi	rks, Derek , Jiasheng yser, Jonathan eclined) ahst, Benjamin aker, Pratik	CS CS	Khan,Sabir Starner,Thad E Edwards,Warren Keith	Inter. Comp Inter. Comp	The Evolution of the Pedestrian Experience in Atlanta A Wireless Contact-free Gesture based Wrist Interface	Salary
COC He, J Keys (decl COE Prah: Thak Ban, Balus Frazi	, Jiasheng yser, Jonathan eclined) ahst, Benjamin aker, Pratik	CS CS AE	Starner,Thad E Edwards,Warren Keith	Inter. Comp Inter. Comp	A Wireless Contact-free Gesture based Wrist Interface	Salary
He, J Keys (decl COE Prah: Thak Ban, Balus Frazi	yser, Jonathan eclined) ahst, Benjamin aker, Pratik	CS AE	Edwards,Warren Keith	Comp Inter. Comp		
COE Prah: Thak Ban, Balus Frazi	yser, Jonathan eclined) ahst, Benjamin aker, Pratik	CS AE	Edwards,Warren Keith	Comp Inter. Comp		
COE Prah: Thak Ban, Balus Frazi	yser, Jonathan eclined) ahst, Benjamin aker, Pratik	CS AE	Edwards,Warren Keith	Inter. Comp		
COE Prah: Thak Ban, Balus Frazi	ahst, Benjamin aker, Pratik	AE		Comp	Usability and Networking	Salary
Prahi Thak Ban, Balus	ahst, Benjamin aker, Pratik	AE		·	Usability and Networking	Salary
Prah: Thak Ban, Balus	aker, Pratik		Komerath,Narayanan M			
Thak Ban, Balus Frazi	aker, Pratik		Komerath,Narayanan M			
Ban, Balus Frazi	,	ΔF		AE	"Design of a Lunar Thermo-Photo-Electric Power Generator"	Salary
Ban, Balus Frazi	,	AF			Design of an optical sensor simulation for a UAV platform tracking a	
Balus Frazi	n, Lan	/ \ <u>_</u>	Calise,Anthony J	AE	dynamic ground target.	Salary
Frazi		BME	Robert H. Lee	BME	Morphology and Behavior of Motoneuron	Salary
Frazi			Bellamkonda,Ravi		The next generation of nanoscale contrast agents for early cancer	
	lusu, Sri	BME	Venkat	BME		Salary
					Effects of isolated shear stress and a combination of cyclic pressure	
Anan	zier, Kaitlyn	BME	Yoganathan, Ajit	BME	and shear stress on aortic valve biology	Salary
	antharaman, Sandhya	ВМЕ	McDevitt,Todd C	BME	Assessment of Matrix Metalloproteinase Expression and Activity	Salary
	,				Role of Mannose or Galactose Containing Neoglycoproteins in	
Cher	en, Inn-Inn	BME	Babensee,Julia Elizabeth	BME	Dendritic Cell Maturation on Biomaterials	Salary
					Profile of Galactose Family Glycosylations Associated with	
Cher	en, Inn-Inn	BME	Babensee,Julia Elizabeth	BME	Adsorbed Proteins on Biomaterials	Travel
					Examining the Effects of Antioxidants on T Cell Receptor Activation	
	,	BME	1 7	BME	and Protein Glutathionylation	Salary
Eame	mes, James	ВМЕ	Temenoff, Johnna Sue	BME	Static Culture of MSCs on RGD gradient Hydrogels	Salary
					Effects of Normal and Altered Shear Stress on the Biology of	L .
Elhar	ammali, Adnan	Physics	Ajit Yoganathan	BME	Denuded Aortic Valve Leaflets	Travel
					Site-specific Biological Responses of Porcine Aortic Valves to Cyclic	
Giles	es, Brian	ВМЕ	Balachandran, Kartik	BME	Stretch	Travel
		D. 45		 	Design of reversing flow system to simulate flow patterns found at	<u>.</u>
Goet	ette, Matthew	ВМЕ	McIntire, Larry Vern	BME	the carotid artery bifurcation	Travel
	atta Matthau		Oshinali Jaha	DME	In vitro imaging of a vulnerable plaque model with dual-source CT:	0-1
	,	BME	•	BME	Implications for non-invasive diagnosis of atherosclerosis	Salary
Huyn	ynh, Kiet	BME	Wang,Dongmei	BME	Improved Bolstering Error Estimation for Gene Ranking	Travel
Kuma		DOVOL	 Wang,Yadong	BME	Optimization of Tissue-Engineered Small Arteries: Extracellular Matrix Protein Expression Analysis	Salary

Student Name	Major	Faculty Mentor	Mentor School	Paper Title	Туре
				Velocity Reconstruction of the Complex Cardiovascular Anatomy to	
Lee, Bitna	BME	Yoganathan, Ajit	BME	Aid Surgical Planning	Salary
		Bellamkonda,Ravi		Biodegradable polymers for use in the construction of peripheral	
Lu, Xi	BME	Venkat	BME	nerve guidance channels	Salary
				The effect of laminin-1 derived peptides IKVAV- and IKLLI in the	
Medway, Scott	BME	LaPlaca,Michelle C	BME	migration, differentiation, and proliferation of neural stem cells.	Salary
				Degradation of Laminated Fumarate-Based Hydrogels Under	
Nguyen, Brian	BME	Temenoff, Johnna Sue	BME	Tensile Stress	Travel
				Optimizing the Culture Conditions to Promote Neuronal	
Roush, Kim	BME	Michelle C LaPlaca	BME	Differentiation of Mesenchymal Stem Cells	Salary
				Development and Characterization of Magnetic Nanoparticle	
Roy, Auroop	BME	Gang Bao	BME	Coating and Conjugation	Salary
0 0 "	D145	M D 111 T 11 O	D145		
Seaman, Scott	BME	McDevitt,Todd C	BME	Microenvironment Engineering within Stem Cell Embyoid Bodies	Salary
				Optimizing the Synthesis of Poly(cyclohexane-1,4-diyl acetone	
		L		dimethylene ketal) and Poly(lactic-co-glycolic acid) for Drug	
Shaffer, Sydney	BME	Murthy,Niren	BME	Encapsulating Microparticles	Salary
		l		Modified Genetic Algorithm for Parameter Selection of	
Shah, Neil	BME	Wang, Dongmei	BME	Compartmental Models	Travel
				A Method for the Quantification and Visualization of the	
				Correspondence of Biomarker and Outlier Probe on Oligonucleotide	
Torrance, James	BME	Wang,Dongmei	BME	Microarrays	Travel
				Reproducibility of Differential Gene Detection across Multiple	
Vo, Tan	BME	Wang,Dongmei	BME	Microarray Studies	Travel
		Bellamkonda,Ravi			
Zachariah, Nishant	BME	Venkat	BME	Early Detection of Breast Tumor using Targeted Strategies	Salary
				Imaging Memory-related Morphological Dynamics in Neural	
Zou, Yixiao	BME	Potter,Steven M	BME	Networks	Salary
				A Spectroscopic Exploration of Specific Solvent Interactions in Gas-	
Castellino, Candice	CHBE	Eckert, Charles A	CHBE	Expanded Liquids	Salary
				On-chip microfluidic flow control device for generation of chemical	
Dodd, Matthew	CHBE	Hang Lu	CHBE	signaling gradients	Salary
Luders, Chris	CHBE	Nair,Sankar	CHBE	Functionalization of Inorganic Nanotube Systems	Salary
				Investigation of Hot Embossing Techniques for Making Porous	
 Parriott, Kathrine	CHBE	Henderson, Clifford	CHBE	Films	Salary
				Adsorption of Cruciform Chromophores onto Functionalized	
To,Monquy Alicia	CHBE	Jones, Christopher	CHBE	Mesoporous Silica Materials	Salary

	Student Name	Major	Faculty Mentor	Mentor School	Paper Title	Туре
		CHEM/				
		BIOCH				
	Yeh, Victor	EM	Bommarius, Andreas S	CHBE	The Effects of Co-solute on the Stability of Amyloidogenic Proteins	Salary
		l			Aging Effects on the Dynamic Properties of Colloidal Silica Gel and	
	Gowdy, Savannah	CEE	Rix,Glenn J	CEE	Sand Mixtures	Salary
				0==	Using RFID & UWB Technologies to Enhance Constuction Site	
	Quarshie, Perrin	CEE	Teizer,Jochen	CEE	Performace and Safety	Salary
			07.1.0	E0E	Characterization of Coverage in Real Cellular Networks using	
1	Crawford, Joseph	ECE	Citrin,David S	ECE	Statistical Descriptions of Crystal Lattices	Salary
					Recording geometry considerations in the performance of cylindrical	
	Jolly, Sundeep	ECE	Adibi,Ali	ECE	beam volume holograms implemented as spectral diversity filters	Salary
	Jolly, Surideep	ECE	Adibi,Ali	ECE	Realtime Digital Signal Processing (DSP) Algorithm for Landmine	Salary
	Bomokrichnen lagdich	ECE	McClollon James H	ECE	Detection	Colony
	Ramakrishnan, Jagdish	ECE	McClellan,James H	ECE	Implementation of a System for Real Time Solving of Optimal	Salary
1	Snow Logon	ECE	Vela,Patricio Antonio	ECE	Control Problems	Coloni
	Snow, Logan	ECE	Howard, Ayanna	ECE	Control Problems	Salary
	Wang, Jiuguang	ECE	MacCalla	ECE	Multi-Robot Coordination with Embedded Graph Grammars	Salary
	Wang, Jiuguang	LCL	MacCalla	LCL	An Examination of Energy Needs for the Manufacture and Transport	
	Wellkamp, Nicholas	ISYE	Thomas, Valerie	ISYE	of Biomass Energy Products vs. Agricultural Goods	Salary
	Zhu, Sheng-Bo	ISYE	Griffin,Paul M	ISYE	Logistics and Supply Chain on Diabetes in Countries	Salary
	Zilu, Silerig-Bo	ISTL	Gillili, Faul W	ISTL	Computer Modeling of High Impact Loading of Nano Ta + Fe2O3	Salary
					Powder Filled LCA's to Produce a Structurally Energetic	
	Jakus, Adam	MSE	Thadhani,Naresh N	MSE	Composite Material	Salary
	Jakus, Adam	IVIOL	Thadhail, Naiesi N	IVIOL	Foam and Polymer Properties of Biocompatible Shape Memory	Galaiy
	Lesniewski, Martha	MSE	Gall,Kenneth A	MSE	Polymer Foams	Salary
	Leoniewoki, Martia	IVIOL	Can,rement	IVIOL	Hydrogels as Cellular Substrates: Comparing the Mechanical	Calary
	Murff, Rebecca	вме	Milam, Valeria Tohver	MSE	Sensitivity of Normal and Cancerous Fibroblasts	Salary
	ividin, respecta	DIVIL	Iviliani, valona ronvoi	1000	Development of an Algorithm for Determining Radiotoxicity of Spent	
	Adams, Robert	ME	Wilfred Van Rooijen	ME	Nuclear Fuel Over Time	Salary
		†	Gleason Jr.,Rudolph			1
	Johnston, Matthew	ME	Lawson	ME	Pharmomechanical Improvement of Drug-Eluting Stents	Salary
	Storey, Matthew	ME	Harris, Tequila A. L.	ME	Manufacturability of Nano-Organic Materials	Salary
	,,	1	Paredis, Christiaan Jos		, , , , , , , , , , , , , , , , , , , ,	,
	Tucker, Lina	ME	Jan	ME	Modeling Fluid Power Components to Ensure Optimal Design	Salary
	Gilbert, Michael	PTFE	Kumar,Satish	PTFE	Conductive Paper Filter	Salary

	Student Name	Major	Faculty Mentor	Mentor School	Paper Title	Туре
GTRI						
					Conductive Carbon Nanotube Films Incorporated into	
	Boyea, John	MSE	Ready, William Judson	GTRI	Electrochemical Double Layer Capacitors	Salary
	Kepple, Kirsten	BME	Ready,William Judson	GTRI	Neuronal Growth on Carbon Nanotube Substrates	Salary
IAC						
					To study the effect of wireless license fee on the tariff levied by the	
	Jain, Gaurav	ECE	Klimenko,Mikhail M	ECON	cellular companies in India	Salary
	Farmer, Kathryn	HTS	Tone,John L	HTS	Medical Marijuana and the Controversy of the Forbidden Drug	Salary
					Involuntary Sterilization as State-Sponsored Resistance to the Civil	
	Palmer, Leyna	HTS	D'Unger,Amy V	HTS	Rights Movement	Salary
	Bufford, Matt	INTA	Dion,Michelle Lynn	INTA	Pension Reform and Gender Equity in Latin America	Salary
	Liu, Siwan	INTA	Wang,Fei-Ling	INTA	Western Perceptions of China's Rise as a Great Power	Salary
					Could the Ultimate Failure of the Schlieffen Plan Have Been	
	Pratt, Kathryn	INTA	Salomone,Michael D	INTA	Avoided to Allow for a German Military Victory in World War I?	Salary
					The Voices of Oakland: An Experiment in Mobile Technology	
	Preininger, Andrea	LCC	Bolter,Jay D	LCC	Experience Design for Oakland Cemetery	Salary
					The Effects of Urban Placemaking on Food Consciousness:	
	Rattray, Liam	PP	Broglio, Ron	LCC	Bringing a Local Farmer's Market to Georgia Tech	Salary
					XNA Playing : A Toolkit For Experimentation and Pedagogy on	
	Swisshelm, John	CM	Bogost,lan S	LCC	Xbox 360	Salary
	Armanios , Laura	AE	Boulard,Stephanie	ML	The Implications of Color and Trauma in French Film	Salary
					A Comparative Cross-System Analysis of Alternative Hybrid	
	Moreland, Michael	INTA	White,James D	PP	Organizational Models	Salary
COM						
				0014		
	Amaraneni, Akshay	MGMT	Subramanian,Ravi	COM	Matching Uncertain Supply with Demand in Organ Transplantation	Salary
				0014	Hide or Show: How Do Online Retailers Benefit From Providing Rich	
COS	Fitzgerald, Andrew	MGMT	Zhang,Han	СОМ	Information	Salary
CU3	Fatrada Diadad	DME	Chang Voung Hui	AP	Louise Limb Orthotics and Chinal Cord Injury	Colomi
	Estrada, Piedad	BME	Chang, Young-Hui	AP	Lower Limb Orthotics and Spinal Cord Injury	Salary
	Bloomquiet Pyon	BIOL	Stroolman Joffroy Todd	BIOL	Gene Expression in the Development and Evolution of the Cichlid Dentition	Salary
	Bloomquist, Ryan	DIUL	Streelman,Jeffrey Todd	BIUL	Cellular Metabolites as Novel Therapeutic Agents for Ovarian	Saiaiy
	Knish, Sarah	BIOL	McDonald,John F	BIOL	Cancer	Salary
	milon, Sarah	DIUL	INICDUITAIU,JUITIT F	BIUL	Carloti	Saiaiy
	Ghosh Dastidar, Rajarshi	AE	Finkelstein, David	Physics	The Feasibility of Space-based Electromagnetic Accelerators	Travel
	Chicon Bactidar, Rajarom	<u>'</u> '-	ciotoiri, Davia	. 11,50100	The readisting of opaco bacca Electromagnetic reconstitution	. 14 701

Fall 2007 President's Undergraduate Research Awards (PURA)

			Mentor		
Student Name	Major	Faculty Mentor	School	Paper Title	Type
	PHYSI			Forces Encountered when Pushing and Pulling Ramified Structures	
London, Lionel	CS	Goldman,Daniel I	Physics	In and Out of Granular Media	Salary
				Updating, and response probabilities in relation to individual	
Abraham, Robert	PSYCH	Engle, Randall W	PSYCH	differences in working memory capacity	Salary
Kishi, Roudabeh	PSYCH	Catrambone,Richard	PSYCH	The Effects of Ordering on Retention Interval	Salary
Okuno, Erin	PSYCH	Engle,Randall W	PSYCH	Speed and Aging: Effects of Response Type	Salary
Shippee, Dianna	PSYCH	Engle,Randall W	PSYCH	The Cost of Greater Working Memory Capacity	Salary