Award		Student			Award
School	Student Name	Major	Mentor Name	Paper Title	Туре
College o	of Architecture			-	
				Studying the Impact of Labor Market and Construction Volume	
COA	Shin, SeungHo	ISYE	Ashuri,Baabak	on Building Construction Cost	Salary
College of	of Management				
				The Continual Usage of Social Networking Site: Intrinsic	
COM	Tulei, Ilya	MGMT	Zhang,Han	Motivation and Social Influence	Salary
College of	of Computing				
CSE	Stebar, Brian	CS	Fujimoto,Richard M	Online Transportation System Simulation	Salary
IC	Bardagjy, Andrew	CS	Dellaert,Frank	Appearance Based Manifold Localization	Salary
				Developing a mobile system capable of detecting play	
IC	Jain, Abhishek	CS	Starner,Thad E	behaviors of autistic children	Salary
IC	Russell, Christopher	CS	Dellaert,Frank	Robotic Painting: Rendering Graphics on a Canvas	Salary
College of	of Engineering				
			Lieuwen,Timothy		
AE	Chterev, lanko	AE	Charles	Pratt and Whitney Heat Release Distribution Unit Problem	Salary
AE	Ma, Hsin-Hsiao (Jim)	AE	Mavris, Dimitri	Manufacturing Influenced Design in Aerospace Applications	Salary
				Developing Methodologies for Determining the Ionization Cost	
AE	Miers, Jesse	AE	Walker II,Mitchell L.R.	of Helicon Plasma Sources	Salary
			Lieuwen,Timothy		
AE	Pedroza, Juan	AE	Charles	Turbulent Flame Speed Measurements of Syngas Fuels	Salary
AE	Richards, Phillip	AE	Smith, Marilyn J	An Exploration of the Physics of Dynamic Stall	Travel
				Flame Shape Analysis of Lean, Premixed, Swirl-Stabilized	
			Lieuwen,Timothy	Combustors in Response to Geometric and Operational	
AE	Sullivan, Ryan	ME	Charles	Changes	Salary
AE	Vaden, Sarah	AE	Seitzman,Jerry M	Laminar Flame Speeds of Hydrocarbon Fuels with Dilution	Salary
, \L	vaacii, Jaraii	/ (_	Lieuwen, Timothy	Turbulent Flame Speed Measurements of Syngas Fuels at Gas	Jaiaiy
AE	Wasmund, Thomas	ME	Charles	Turbine Operating Conditions	Salary
ΛL	vvasinunu, momas	IVIL	Charles	Survey of Past and Current Satellite Platforms: Characteristics	Jaiai y
AE	Wise Marsie	AE	Saleh, Joseph	and Timeline of Introduction	Travel
AE	Wise, Marcie	AE	Isaieii, Josepii	Janu minemie or muroduction	Travel

12/9/2009 Page 1 of 6

Award		Student			Award
School	Student Name	Major	Mentor Name	Paper Title	Туре
				Altering Fibrin Structure and Polymerization Dynamics Using	
BME	Aboujamous, Nader	BME	Barker,Thomas Harrison	PEGylated Fibrin Knob Peptides	Salary
				Modeling of NF-кВ regulation through redox couples in	
BME	Brasuk, Katie	BME	Kemp, Melissa Lambeth	pediatric acute lymphoblastic leukemia	Salary
<u> </u>				The Bone, Cartilage, and Bone Marrow Cell Phenotypes of the	
BME	Britt, Chelsea	BME	Boyan,Barbara D	Sickle Cell Mouse Model	Salary
BME	Brown, Wendy	BME	Barker,Thomas	Identification of Unique Fibrin-Binding Antibodies	Salary
				The Effects of a Three-Dimensional Saddle-Shaped Annulus on	
BME	Buice, Dana	BME	Yoganathan,Ajit	Tricuspid Valve Leaflet Strain	Salary
<u> </u>				Comparison of Novel Nano-encapsulated Drug to a	
			Bellamkonda,Ravi	Commercially Available Drug for Anti-angiogenic and Anti-	
BME	Dehitta, Eleanor	BME	Venkat	invasive Therapy of Malignant Glioma	Salary
				Comparison of IKK glutathionylation during TNF- α and T cell	
BME	Mitra, Debika	BME	Kemp, Melissa Lambeth	receptor stimulation	Salary
	Mukhopadhaya,		Bellamkonda,Ravi		
BME	Shoumit	BME	Venkat	Fiber Based Scaffold for Peripheral Nerve Regeneration	Salary
				In vivo Cartilage Regeneration in a Rat Critical-Size Xiphoid	
				Cartilage Defect Model Using Tissue Engineered-	
BME	Nizkorodov, Alexandr	BME	Boyan,Barbara D	Chondrocytes/Silk Scaffolds	Salary
			Bellamkonda,Ravi	Study of reactive astrocytes and its role in glial scar tissue	
BME	Rajan, Nithish Balaji	BME	Venkat	formation.	Salary
BME	Richards, Megan	BME	Boyan,Barbara D	Characterization of Pathological Suture Fusion in Twist1 Mice	Salary
	Riemenschneider,			Mechanism Involved in Pdia3-Mediated 1,25-Dihydroxyvitamin	
BME	Kelsie	BME	Boyan,Barbara D	D3 Actions in Regulation of Skeletal Development	Salary
DIVIE	reisie	DIVIE	Bellamkonda,Ravi	Understanding the Role of Fibrin in Peripheral Nerve	Saidiy
BME	Dudra Sauman	BME	Venkat		Salany
DIVIE	Rudra, Soumon	BIVIE	venkat	Regeneration A Web-based Platform for Pharmacokinetic Analysis of Dosing	Salary
DNAE	Crimani Javdaan	ECE	Wang Dangmai		Calary
BME	Srimani, Jaydeep	IECE.	Wang,Dongmei	Models	Salary

12/9/2009 Page 2 of 6

Award		Student			Award
School	Student Name	Major	Mentor Name	Paper Title	Туре
				Characterizing the Dynamics of Fluorescent Molecule Delivery	
BME	Yu, Joana	BIOL	Santangelo,Philip J	in Live Cells Using Reversible Membrane Permeabilization	Salary
BME	Zeller, Mark	BME	Barker, Thomas	Identifying Novel Unfolded Fibronectin Binding Proteins	Salary
				An in situ study of group-IV surface functionalization for use in	,
СНВЕ	Crane, Matthew	СНВЕ	Filler,Michael Aaron	next-generation photovoltaic devices.	Salary
CHBE	Kim, Jeong	СНВЕ	Hess,Dennis W	Plasma Enhanced Chemical Vapor Deposition of Limonene	Salary
OH DE	i i i i i i i i i i i i i i i i i i i	0.152	11000)201111011	Real-Time Intravital Microscopy Characterization of	Jaiary
CHBE	McGrail, Daniel	СНВЕ	Dawson, Michelle R	Interspecies Mesencyhmal Stem Cell Differences	Salary
СНВЕ	Nagarkar, Divya	СНВЕ	Agrawal,Pradeep K	Kinetics of Biomass Gasification	Salary
СНВЕ	Park, Sohyun	СНВЕ	Prausnitz, Mark R	Hollow Metal Microneedles for Intradermal Drug Delivery	Salary
CHBE	Ricketts, Michael	СНВЕ	Bommarius, Andreas S	Improving Enzyme Thermostability for use in Antibiotic Synthesis	Salary
	,		,	Effects of Solvents on Polymer Aggregation and Field-Effect	,
CHBE	Schlumpberger, Sven	СНВЕ	Reichmanis, Elsa	Mobility	Salary
СНВЕ	Sood, Devika	СНВЕ	Teja,Amyn S	Porous Polymer Blends for Hydrogen Storage	Salary
CEE	Belsante, Michelle	CEE	Teizer,Jochen	Real-time Construction Noise and Safety Data Collection and Analysis at the Clough Undergraduate Learning Center (CULC)	Salary
CLL	Belourice, wherein	CLL	TCIZCI JOCHCII	Using Visualization Software to Assess Construction Work Site	Salary
CEE	Hoynowski, Ashley	CEE	Teizer,Jochen	Safety and Productivity	Salary
CEE	Kabir, Nadir	ME	Webster, Donald R	Kinematics of Krill Motility and its Effects on the Environment	Salary
CEE	Kim, Jenny	BIOL	Spain,Jim C	Aerobic Biodegradation of Diphenylamine	Salary
CLL	,		Swaminathan, Madhava	Self-Healing Methodology for 3-D Mixed-Signal Circuits and	
ECE	Bhandari, Seema	ECE	n	Systems	Salary
ECE	Dewan, Rahul	ECE	Wills,Donald Scott	Automated Traffic Flow Analysis and Optimization	Salary
	·	1		Geospatial Analysis of Natural Disaster-Induced Network	
ECE	Green, David	ECE	Ji,Chuanyi	Outages	Salary

12/9/2009 Page 3 of 6

Award		Student			Award
School	Student Name	Major	Mentor Name	Paper Title	Туре
	Saenz Landazabal,			Power Flow Control in MATLAB using Controllable Network	
ECE	David	ECE	Divan,Deepakraj M	Transformers	Salary
ISYE	Park, Jisu	ISYE	Serban, Nicoleta	The Equity of Healthcare Service Distribution	Salary
				Visible Light PhotoInitiation of Drug-Eluting Poly(β-amino	
MSE	Bhatnagar, Shivani	ВМЕ	Gall,Kenneth A	ester) Networks	Salary
				Conductive Polymer Composites from Multi-walled Carbon	
MSE	Hsie, Sinsar	MSE	Wong,C P	Nanotubes and Epoxy for Polymer Ageing Sensor Applications	Salary
				Incorporation of High Performance Engineering Materials to	
MSE	Karesh, Matthew	ME	Gall,Kenneth A	Increase the Strength of Shape-Memory Polymers	Salary
				Using Novel Monomers to Optimize Toughness in Shape-	
MSE	Kemp, Jonathan	CHBE	Gall,Kenneth A	Memory Polymers	Salary
				Mechanical Effects of Particle Incorporation into Hydrogel	
MSE	Tsukruk, Taisia	MSE	Gall,Kenneth A	Systems	Salary
				Measuring the Mechanical Properties of Skeletal Muscles Using	
				Natural Vibrations Generated by Muscles during Voluntary	
ME	Atangcho, Perry	BME	Karim Sabra	Contractions	Salary
				In Vivo Arterial Response to Mechanical Stimuli and	
ME	Caulk, Alexander	ME	Gleason Jr.,Rudolph	Significance of Perivascular Tissue During Loading	Salary
				Energy Efficiency Improvements in Quantum Dot Sensitized	
ME	Fechtmann, Michael	ME	Harris, Tequila A. L.	Solar Cells	Salary
ME	Hartley, Douglas	ME	Bras,Bert	Energy Mapping of the Georgia Tech Campus	Salary
				The Calculation of Acoustic Absorption using the Mesh	
ME	Kulpe, Jason	ME	Leamy, Michael Joseph	Periodicty Property on Parallel Microtubes	Salary
				Monte Carlo Optimization of an X-ray Fluorescence Detection	
ME	Manohar, Nivedh	NRE	Cho,Sang Hyun	System	Salary
				Generation of antibodies against bioengineered materials using	3
ME	McAnuff, Kadija	BME	Garcia, Andres J	phage display technology	Salary
				Tolerance Analysis of Visual Display System Assembly using	
ME	Mock, Caleb	ME	Choi,Seung-Kyum	Fuzzy Set Theory	Salary

12/9/2009 Page 4 of 6

Award		Student			Award
School	Student Name	Major	Mentor Name	Paper Title	Туре
				Testing and Characterization of the In-plane and Through-	
				plane Permeability of Woven Gas Diffusion Layers for Polymer	
ME	Murphy, Andrew	ME	Harris, Tequila A. L.	Electrolyte Membrane Fuel Cells	Salary
ME	Nemat bakhsh,	ME	Berthelot, Yves H	Transducers with Directional Characteristics	Salary
				A Framework for Optimizing the System Architecture of	
ME	Pare, Marc-Antoine	ME	Paredis, Christiaan	Hydraulic Systems	Salary
ME	West, Daniel	ME	Hu,David L	Thermotaxis of Mexican Jumping Beans	Travel
ME	Zhao, Michael	ВМЕ	Gleason Jr.,Rudolph	Stress Mediated Degradation of Poly(glycerol) Sebacate	Salary
GTRI					
GTRI - EEO	Bryan, Natalie	PTFE	Ready, William Judson	Carbon Nanotube Growth on Carbon Fiber	Salary
GTRI - EEO	Manfre, Alec	ME	Ready, William Judson	Electrical Characterization of 3D Solar Cells	Salary
GTRI - EEO	Mattix, Brandon	ВМЕ	Ready, William Judson	Drug Eluting Nanoelectrode Array	Salary
GTRI - EEO	Muhlbauer, Rachel	MSE	Kang,Zhitao	Quantum Dot Array for Neural Signal Recording	Salary
GTRI - EEO	Rogers, Thomas	MSE	Kang,Zhitao	Luminescent Nanocrystals/Quantum Dot Functionalized Paper	Salary
College of			, ,,		<u> </u>
				Construction and Characterization of a Thermodenuder in	
				order to directly measure the CCN properties of Organic	
EAS	McLaughlin, Molly	СНВЕ	Nenes, Athanasios	Aerosol across the Volatility Spectrum	Salary
BIOL	Brouillette, Ashley	BIOL	 Wartell,Roger M	Enhancing DNA hybridization stringency in Nucleic Acid Sensors	Salary
				Studying Somatic Embryogenesis and Germination in Fraser Fir	
BIOL	Gray, Rebecca	BIOL	Pullman,Gerald S	(Abies fraseri)	Salary
	,			Determining the Secondary Structure of Small Non-Coding	
				RNAs (sRNA) as a Function of Temperature By Modified	
BIOL	Jacob, Robin	BIOL	Wartell,Roger M	Ribonuclease H Digestion Assay	Salary
				Software-guided analysis of Hfq-mediating sRNAs in several	
BIOL	Jain, Kanav	вме	Wartell,Roger M	pathogenic bacteria	Salary
BIOL	Kendig, Amy	BIOL	Kubanek,Julia M	Allelopathy in Invasive Spartina Alterniflora	Salary
				Using laboratory protist microcosms to explore the effects of	
BIOL	Lee, Janet	BIOL	Jiang,Lin	disturbance and prey refuge on predator-prey interactions.	Salary
	,	1	, o,	1 / 5	

12/9/2009 Page 5 of 6

Award		Student			Award
School	Student Name	Major	Mentor Name	Paper Title	Туре
CHEM	Miller, Sean	CHEM	Ovoloro Adoghovogo	Synthesis & Preliminary Assay of Novel β-Lactam Antibiotics	Salary
CHEM	Santha, Savini	CHEM	Oyelere, Adegboyega Tolbert, Laren M		Salary
CHEIVI	Santha, Savini	CHEIVI	Tolbert, Laren IVI	Mechanism of Bleaching of Fluorescent Protein KillerRed Study of Copper and Nickel Multilayered Arrays Using Magnetic	
CLIENA	Vours Kouin	СНЕМ	lonata liri	, , , , , , , , , , , , , , , , , , , ,	
CHEM	Vavra, Kevin		Janata,Jiri	Quartz Crystal Microbalance	Salary
CHEM	Zapata, Jairo	CHEM	Payne,Christine K	Intracellular Degradation of Low-Density Lipoprotein	Salary
Math	Music, Michael	Math	Harrell, Evans	Eigenvalue Inequalities for Quantum Graphs	Travel
				Orbital Elements and Absolute Dimenions of the Eclipsing	
PHYSICS	Cabrera, Nicole	Physics	Sowell, James	Binary ES Librae	Travel
PSYCH	Kuriakose, Princy	BIOL	Engle,Randall W	Cognitive Predictors of Multitasking	Salary
				How does positive affect influence task performance? The	
				interplay between positive affect, working memory capacity	
PSYCH	McDaniel, Brooke	PSYCH	Engle,Randall W	and personality	Salary
				Encoding effects of emotional stimuli on subsequent source	
PSYCH	Newsome, Rachel	PSYCH	Duarte, Audrey L	memory recall	Salary
PSYCH	Strika, Kevin	PSYCH	Shipstead,Zachary	Unconscious Formation of Multiple Impressions	Salary
Ivan Aller	n College				
ECON	Staight, Annie	ECON	lacopetta, Maurizio	Can Ecolabels Improve Environmental Practices?	Salary
				Educator Shortage, HIV, and Economic Decline: The Case of	
ECON	Yu, Fengning	INTA	Uwaifo,Ruth O	Rural South Africa	Salary
HTS	Hall, Della	HTS	Flamming, Douglas	A History of Wind Power	Salary
HTS	Martin, Kelsey	HTS	Pearson Jr, Willie	The Image of Women in Advertising	Salary
INTA	Bennett, Benjamin	INTA	Birchfield,Vicki L	The Role of Identity in Shaping French Voting on the EU	Salary
INTA	Lange, Katherine	INTA	Kosal, Margaret E	Deterring Bioterrorism	Salary
LCC	Ead, SAmer	CM	Pearce,Celia	Mermaids MMOG	Salary
ML	Sweetnich, Lindsey	ML	Montes-Alcala, Cecilia	Keeping the Spanish Language Alive in the United States	Salary
PP	Derby, Laurel	PP	Levine, Aaron David	Access to Fertility Treatment	Salary
	,,		,	Greater Educational Attainment for Women in Developing	<u> </u>
				Nations through Emerging Communications Technology and	
PP	McMillian, Christina	INTA	Leggon,Cheryl	Supplemental Support Infrastructure	Salary

12/9/2009 Page 6 of 6