		Student			Funding
Award School	Student Name	Major	Mentor Name	Paper Title	Туре
College of					
Architecture					
College of Arch Adm &		Building	Castro-	Feasibility of Recycled Wastewater and	
Schools	Harrison, Richard	Construction	Lacouture,Daniel	Stormwater Feedstock for Net-Zero Houses	Salary
College of Arch Adm &					
Schools	Woods, David	Architecture	Khan,Sabir	Proposal for Research of the Atlanta BeltLine	Salary
College of Computing					
		Computer			
Computing, College of	Esposito, David	Science	Summet, Jay W.	GT Night Rover	Salary
		Computer			
Computing, College of	Lotfi, Farzon	Science	Summet,Jay W.	GT Night Rover	Salary
		Computer	Edwards, Warren	uCap: Making Household Bandwidth Caps	
Interactive Computing	Sumner, Bethany	Science	Keith	Manageable	Salary
	Reynolds-Haertle,	Computer		Dynamically Stable Holonomic Mobile	
Interactive Computing	Saul	Science	Stilman,Michael	Telepresence Robot	Salary
School of Computer		Computer	Ramachandran,U	Memory Resource Management in	
Science	Deng, Peter	Science	makishore	Virtualized Environments	Salary
College of Engineering					
		Aerospace	Costello, Mark	Use of Reconfigurable Porosity in Control of	
Aerospace Engineering	Hiemstra, Mariel	Engineering	Francis	Micro-Air Vehicle	Salary
				Hardware Implementation of Peak-Seeking	
		Aerospace		Control of a DC Motor Driving a Variable Pitch	
Aerospace Engineering	Jones, Keenan	Engineering	Feron, Eric Marie J	Propeller	Salary
		Aerospace	Komerath, Narayan	Stability Prediction of Sling Load Dynamics	
Aerospace Engineering	Sharma, Sumant	Engineering	an Menon	Using Wind Tunnel Models	Salary
		Mechanical	Lieuwen,Tim	Flame Stabilization Characterization in Low-	
Aerospace Engineering	Miranda, Daniel	Engineering	Charles	Emissions Gas Turbine Combustors	Salary
		Aerospace	Lieuwen,Tim	Flame Imaging and Emissions of High	
Aerospace Engineering	Lundrigan, Julia	Engineering	Charles	Pressure Full Scale Combustor	Salary
		Aerospace	Lieuwen,Tim	Development and Implementation of	
Aerospace Engineering	Nevill, Charlotte	Engineering	Charles	Combustion Diagnostics for Measurement of	Salary

		Student			Funding
Award School	Student Name	Major	<b>Mentor Name</b>	Paper Title	Type
		Civil and		Mechanical Characterization of Structured	
Aerospace Engineering	Reichard, Brett	Environmental	Rimoli,Julian Jose	Materials for Adaptive Wave Management	Salary
		Aerospace		Design of a 2-D Transpiration Cooled Turbine	
Aerospace Engineering	McCreadie, Ian	Engineering	Sankar,Lakshmi N	Blade	Salary
		Aerospace	Walker II, Mitchell	A Terahertz Interferometer for the	
Aerospace Engineering	Frieman, Jason	Engineering	L.R.	Performance of Real-Time, Non-Intrusive	Salary
Biomedical Engr,		Biomedical		Fluorescent Quantification of pH and Reactive	
GT/Emory	Lin, Jenny	Engineering	Bao,Gang	Oxygen Species in Ischemic-Reperfusion	Salary
Biomedical Engr,		Biomedical	Barabino,Gilda	Effect of Embedded Microchannels on	
GT/Emory	De, Soham	Engineering	Ann	Development of Tissue Engineered Cartilage	Salary
Biomedical Engr,		Biomedical	Barker,Thomas	Molecular Dynamic Simulation of Fibrinogen	
GT/Emory	Menn, Bryant	Engineering	Harrison	and Fibronectin in Physiological Conditions	Salary
Biomedical Engr,		Biomedical	Bellamkonda,Ravi	Two-Dimensional Protein Gradients for	
GT/Emory	Nayebosadri, Sarah	Engineering	Venkat	Tumor and Schwann Cell Migration	Salary
Biomedical Engr,		International	Bellamkonda,Ravi	Acute neurotrophic factor directed growth of	
GT/Emory	Rashid, Sophia	Affairs	Venkat	neurites into confined, electrode-like	Salary
Biomedical Engr,				The Role of the Novel Estrogen Receptor,	
GT/Emory	Hadadi, Agreen	Biology	Boyan,Barbara D	ERα36, in Breast Cancer Invasiveness	Salary
Biomedical Engr,		Biomedical		Location-function and sequence-function	
GT/Emory	De, Subhendu	Engineering	Boyan,Barbara D	study of the membrane receptor of Vitamin D	Salary
Biomedical Engr,		Biomedical	LaPlaca	A Study of the Effects of NMDA Receptor	
GT/Emory	Varghese, Andrew	Engineering	Ph.D.,Michelle	Antagonists in Reducing Neurodegeneration	Salary
Biomedical Engr,			Olivares-	Cell Biomaterial Interaction in Adult and	
GT/Emory	Cundiff, Caitlin	Biology	Navarrete,Rene'	Embryonic Stem Cells	Salary
Biomedical Engr,		Biomedical		Creation of a Phantom Spine Model for Use in	
GT/Emory	Gungor, Kenan	Engineering	Oshinski, John	Magnetic Resonance-Guided, Minimally	Salary
Biomedical Engr,		Biomedical		Cystatin C Levels in SCD conditions of	
GT/Emory	Surapaneni, Sindhuja	Engineering	Platt,Manu O	Inflammation and Shear Stress	Salary
Biomedical Engr,		Biomedical		Understanding Pathways of Cathepsin K in	
GT/Emory	Chen, Binbin	Engineering	Platt,Manu O	Tumorigenesis	Salary
Biomedical Engr,		Biomedical		A Modular Cell Culture Perfusion and Drug	
GT/Emory	French, Theodore	Engineering	Potter,Steven M	Delivery System for Use in	Salary

		Student			Funding
Award School	Student Name	Major	Mentor Name	Paper Title	Туре
Biomedical Engr,		Biomedical		Contribution of vision to postural behaviors	
GT/Emory	Jilk, David	Engineering	Ting,Lena H	during continuous support-surface	Salary
Biomedical Engr,		Aerospace		The Effect of Various Miral Annuloplasty Ring	
GT/Emory	Chism, Benjamin	Engineering	Yoganathan,Ajit	Geometries On Mitral Valve Function and	Salary
Biomedical Engr,		Biomedical		Pediatric CRRT device development and	
GT/Emory	Johannes, Ashley	Engineering	Yoganathan,Ajit	experimental design	Salary
Biomedical Engr,		Biomedical		Effects of Shear Stress on Aortic Valve	
GT/Emory	Rajamani, Anita	Engineering	Yoganathan,Ajit	Calcifications	Salary
Biomedical Engr,		Biomedical		Mitral Valve Stenosis: Doppler or Catheter to	
GT/Emory	Herrmann, Tarrah	Engineering	Yoganathan,Ajit	Estimate the Transvalvular Pressure	Salary
Chemical and		Chemistry and	Bommarius, Andre	Hofmeister Effects on Sup35NM Amyloid	
Biomolecular Engr	Khosravi, Hasan	Biochemistry	as S	Thermostability	Salary
Chemical and		Chemical and		CONTINUED STUDY OF POLY (N-	
Biomolecular Engr	Laccetti, Benjamin	Biomolecular	Taite,Lakeshia J.	ISOPROPYLACRYLAMIDE) BASED HYDROGELS'	Salary
Chemical and		Biomedical	Dawson, Michelle	Effect of Promoter Variation on Transgene	
Biomolecular Engr	Pantoja, Cecilia	Engineering	R	Expression in Transfected Primary Bone	Salary
Chemical and		Biomedical	Sambanis, Athanas	Incorporation of a T-Cell Chemorepellant into	
Biomolecular Engr	Yong, Chun	Engineering	sios	Alginate-Based Microcapsules	Salary
Chemical and		Biomedical		A Novel Elastin Mimetic Peptide for Improved	
Biomolecular Engr	Menon, Rohan	Engineering	Taite,Lakeshia J.	Matrix Deposition in Tissue Engineered	Salary
Chemical and		Chemical and		Prebiotic Chemistry of	
Biomolecular Engr	Crowe, Jacob	Biomolecular	Eckert, Charles	Hexamethylenetetramine	Salary
		Chemical and		Process and mechanism evaluation of	
Civil & Environmental Engr	Singh, Jasdeep	Biomolecular	Huang,Ching-Hua	polymer coagulant usage for optimal turbidity	Salary
		Civil and	Pavlostathis, Spyro	Toxicity and Partitioning Behavior of	
Civil & Environmental Engr	Ruckl, Larissa	Environmental	s G	Individual Naphthenic Acids and a Naphthenic	Salary
		Civil and		Phase Distribution of Stigmasterol in a	
Civil & Environmental Engr	Caruso, Nicole	Environmental	Pavlostathis, Spyros	Biological Treatment System	Salary
		Mechanical		Vertical Axis Free-Stream Turbine Design and	
Civil & Environmental Engr	Potter, Matthew	Engineering	Stoesser,Thorsten	Scaled Testing for the San Diego Canal	Salary
Civil & Environmental Engr	Cromey, Tyler	Civil and Enviror	Kim,Jaehong	Model Approach to Analyze the Effect of Parti	Salary

		Student			Funding
Award School	Student Name	Major	Mentor Name	Paper Title	Type
		Electrical and		Dispersion Engineering of Silicon Nitride	
Electrical & Computer Engr	Narlajarla, Pratima	Computer	Adibi,Ali	Optical Resonators for Frequency Comb	Salary
		Biomedical		Novel Method for the Clinical Detection of	
Electrical & Computer Engr	Yalamanchili, Sunil	Engineering	Hunt,William D	Human Papillomavirus Strains Leading to	Salary
		Electrical and	Tentzeris,Emmano	Smart Wireless Integrated Module (SWIM) on	
Electrical & Computer Engr	Palacios, Sebastian	Computer	uil M.	Flexible Organics using Inkjet-printing	Salary
	Vanderheyden,	Electrical and	Yalamanchili,Sudh	Mobile-Ocelot: A High Performance Many	
Electrical & Computer Engr	Andrew	Computer	akar	Core Computing Environment for Mobile	Salary
		Mechanical		Polysulfone-Based Alkaline Exchange	
Materials Science & Engr	Han, Kyung Won	Engineering	Jang,Seung Soon	Membrane Fuel Cell: Relationship between	Salary
		Materials		Application of Functionalized Graphene for	
Materials Science & Engr	Li, Zhou	Science and	Wong,C P	Energy Storage and Conversion Devices	Salary
		Materials		Hydrothermally Carbon-coated Sulfur	
Materials Science & Engr	Dixon , Patrick	Science and	Yushin,Gleb	Composite Cathode Materials	Salary
		Mechanical	Cunefare,Kenneth	Water Hammer Suppression using Voided	
Mechanical Engineering	Edirisinghe, Chandana	Engineering	Α	Urethane and Silicone Liners	Salary
		Biomedical	Forest,Craig	Creation of a microfluidics device to study	
Mechanical Engineering	McKinnon, Michael	Engineering	Richard	quorum sensing in genetically engineered	Salary
		Mechanical	Forest,Craig	IR Laser-Mediated Polymerase Chain Reaction	
Mechanical Engineering	Sondej, Nicholas	Engineering	Richard	of DNA for Fast Clinical Diagnostics	Salary
		Mechanical	Genzale,Caroline	Investigating the Temperature and Pressure	
Mechanical Engineering	Falgout, Zachary	Engineering	Lynn	Dependency of High-Pressure Fuel Spray	Salary
	Tzanavaris,	Mechanical		Capure/release ability of stimulus-responsive	
Mechanical Engineering	Christopher	Engineering	Kalaitzidou,Kyriaki	polymer particles	Salary
		Mechanical	Leamy,Michael		
Mechanical Engineering	Yong, Keong	Engineering	Joseph	Hydraulic Hybrid School Buses	Salary
		Biomedical	Masoodzadehgan,	A Study on the Migration of	
Mechanical Engineering	Kumar, Arun	Engineering	Nazanin Hoshyar	Superparamagnetic Iron Oxide Nanoparticles	Salary
		Mechanical		EMI Shielding Analysis of CNT Network in a	
Mechanical Engineering	Palmer, Bob	Engineering	Pucha,Raghuram V	Polymer Block	Salary
		Aerospace		Integrated Tools For Manufacturing of	
Mechanical Engineering	Worthy, Johnny	Engineering	Pucha,Raghuram V	Nanocomposites	Salary

	Student			Funding
Student Name	Major	Mentor Name	Paper Title	Type
	Mechanical		CONTINUOUS SCANNING LASER DOPPLER	
Kahali, Sudeepto	Engineering	Sabra,Karim G	VIBROMETRY FOR SYNCHRONIZED ARRAY	Salary
	Biomedical		Characterization of Synthetic Biomimetic	
Cheng, Ningtao	Engineering	Garcia, Andres J	Hydrogels for Enhanced Bone Healing	Salary
	Mechanical	Во Голи		
Jaeyun Moon	Engineering	Bo Feng	Thermal Conductivity Measurement of Individual PE	Travel
	Mechanical			
Lin Fan	Engineering	Todd Sulchek	Constant Tip-Surface Distance with Atomic Force M	Travel
	Biomedical			
Shamus Moran	Engineering	Robert Guldberg	Localization of Articular Cartilage Damage in the Ra	Travel
	Biomedical		The Muscular Compensatory Strategies for	
Evans, Thomas		Chang Young-Hui		Salary
			• • • • • • • • • • • • • • • • • • • •	
Snell. Sara	Biology	, ,	•	Salary
			·	7
Jiang, Victoria	Biology	Fan,Yuhong	·	Salary
		, ,	· · · · · · · · · · · · · · · · · · ·	,
Preininger, Marcela	Biology	Gibson, Gregory C		Salary
<u> </u>	7	Streelman, Jeffrey	Analyzing GAD65 as an Indicator of Brain	,
Alterman, Bennett	Biology	Todd	Diversity in Cichlid Ecotypes	Salary
		Streelman,Jeffrey	The role of BMP in brain and eye differences	
Michaels, Mary	Biology	Todd	in cichlids	Salary
			GFP Chromophores as Fluorescence Ligands	
Hwang, Brice	Biology	Azizi,Bahareh	for Detection and Activation of Nuclear	Salary
Michael Chen	Chemistry and B	Hud Nicholas V	Prebiotic synthesis of adenine nucleosides	Travel
IVIICIIACI CIICII	Chemistry and b	i idu,iviciiolas v	Does culture influence autobiographical	Havel
Blenis, Robert C	Psychology	Duarte Audrey I		Salary
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Winton, Riley	Psychology	Walker,Bruce N		Salary
	Kahali, Sudeepto Cheng, Ningtao  Jaeyun Moon Lin Fan  Shamus Moran  Evans, Thomas  Snell, Sara  Jiang, Victoria  Preininger, Marcela  Alterman, Bennett  Michaels, Mary  Hwang, Brice  Michael Chen  Blenis, Robert C.	Student Name  Mechanical Engineering Biomedical Cheng, Ningtao  Mechanical Engineering Mechanical Engineering Mechanical Engineering Mechanical Engineering Biomedical Engineering Biomedical Engineering Biomedical Engineering Biomedical Engineering Biomedical Engineering  Biology  Snell, Sara Biology  Jiang, Victoria Biology  Preininger, Marcela Biology  Alterman, Bennett Biology  Michaels, Mary Biology  Hwang, Brice Biology  Michael Chen  Chemistry and Biology  Michael Chen  Blenis, Robert C.  Psychology	Student NameMajorMentor NameKahali, SudeeptoEngineeringSabra, Karim GBiomedical EngineeringGarcia, Andres JCheng, NingtaoMechanical EngineeringBo FengJaeyun MoonEngineeringTodd SulchekLin FanEngineeringTodd SulchekBiomedical EngineeringRobert GuldbergEvans, ThomasEngineeringChang, Young-HuiSnell, SaraBiologyFan, YuhongJiang, VictoriaBiologyFan, YuhongPreininger, MarcelaBiologyGibson, Gregory CAlterman, BennettBiologyStreelman, JeffreyMichaels, MaryBiologyAzizi, BaharehMichael ChenChemistry and B Hud, Nicholas VBlenis, Robert C.PsychologyDuarte, Audrey L	Student Name         Major         Mentor Name         Paper Title           Kahali, Sudeepto         Mechanical Engineering         Sabra, Karim G         CONTINUOUS SCANNING LASER DOPPLER VIBROMETRY FOR SYNCHRONIZED ARRAY           Cheng, Ningtao         Engineering Garcia, Andres J Hydrogels for Enhanced Bone Healing         Hydrogels for Enhanced Bone Healing           Jaeyun Moon         Mechanical Engineering         Bo Feng         Thermal Conductivity Measurement of Individual PE           Lin Fan         Biomedical Engineering         Constant Tip-Surface Distance with Atomic Force M           Shamus Moran         Biomedical Engineering         Robert Guldberg         Localization of Articular Cartilage Damage in the Ra           Evans, Thomas         Biomedical Engineering         Chang, Young-Hui Unilateral Transtibial Amputees During           Evans, Thomas         Biology         Anne         Fitness in an Invertebrate-Parasite System           Snell, Sara         Biology         Fan, Yuhong         Histone H1 and DNA Methyltransferases in           Jiang, Victoria         Biology         Gibson, Gregory C         Quantifying wellness: A systems-wide approach to characterizing transcriptional           Preininger, Marcela         Biology         Gibson, Gregory C         Analyzing GAD65 as an Indicator of Brain Diversity in Cichlid Ecotypes           Michaels, Mary         Biology         Todd         GF

		Student			Funding
Award School	Student Name	Major	Mentor Name	Paper Title	Type
				Technology Constraints on Nonverbal Aspects	
Psychology	Han, Michelle	Psychology	Walker,Bruce N	of Communication	Salary
Psychology	Nail, Jayde	Psychology	Schumacher,Eric H	Understanding Neural Correlates of Sustained	Travel
College of					
Management					
				Changes in Motivational Antecedents of	
Management, College of	Kansara, Shibani	Management	Parsons,Charles K	Organizational Citizenship Behaviors	Salary
Ivan Allen College					
		International		Measuring the Effectiveness of South Korea's	
International Affairs	Williams, Sean	Affairs	Woodall,Brian E	Green Growth Strategy	Salary
Literature,Com & Culture		Computational		Building a Fantasy Ecosystem to Promote	
(LCC)	Le Doux, Adam	Media	Pearce,Celia	Awareness of Real Ecosystems	Salary
		Nuclear and	Matisoff, Daniel	Characterizing Trends In Green Building	
Public Policy	Mazzolini, Anna	Radiological	Charles	Certification	Salary