Award School	Student Name	Student Major	Mentor Name	Paper Title	Funding Type
College of Computing				Croud, sourced Video Appetation by lowersging conver	
Interactive Computing	Hampton Kovin	Computer Science	Ecca Irfan A	Crowdsourced Video Annotation by leveraging server-	Salany
Interactive Computing	Hampton, Kevin	Computer Science	ESSd,IIIdii A	-based Video Segmentation	Salary
Internative Computing	Kidona Mahaa		Free luter A	Real-time Google Earth Augmentation for Suspicious Activity	Colomi
Interactive Computing	Kidane, Mebaa	Computer Science		Detection	Salary
	Sumpor Bothany	Computer Science	Grinter,Rebecca	Designing for Music Consumption in the Internet Age	Salany
Interactive Computing	Sumner, Bethany	Computer Science	Elizabeth	Designing for Music Consumption in the Internet Age	Salary
College of Engineering					
		Aerospace		Trajectory Reconstruction, Prediction, and Optimization for	
Aerospace Engineering	Fei, Xiaofan	Engineering	German,Brian J	Atmospheric Re-entry	Salary
		Aerospace	Lieuwen,Timothy	Chemical Analysis Of Exhaust Or After-Injection Combustion	
Aerospace Engineering	Nevius, Justin	Engineering	Charles	Chamber In Response To Quench Section Passthrough	Salary
		Biomedical		Using Fibrin 'A' Knob Peptides as Inhibitors of Fibrin	
Biomedical Engr, GT/Emory	Aboujamous, Nader	Engineering	Barker, Thomas H.	Polymerization	Salary
		Biomedical			
Biomedical Engr, GT/Emory	Chen, Binbin	Engineering	Platt,Manu Omar	Utilize Cathepsin K Zymograpy for Breast Cancer Diagnosis	Salary
		Biomedical		Accelerated Suture and Synchondrosis Closure in a model of	
Biomedical Engr, GT/Emory	Gadepalli, Siddharth	Engineering	Boyan,Barbara D	Craniosynostosis	Salary
		Biomedical	Bellamkonda, Ravi	Developing Long Circulating Contrast Agents to Aid in Brain	
Biomedical Engr, GT/Emory	Guo, Cong	Engineering	Venkat	Tumor Removal	Salary
		Biomedical		Hemodynamic Assessment of Bicuspid Aortic Valves as a	
Biomedical Engr, GT/Emory	Gupta , Shabnam	Engineering	Yoganathan,Ajit	Clinical Diagnostic Tool	Salary
		Biomedical		Quantitative Analysis of Kinase Inhibition on Monocyte	
Biomedical Engr, GT/Emory	Lei, Andrew	Engineering	Platt,Manu Omar	Differentiation into Osteoclasts and Macrophages	Salary
		Biomedical	Bost,Lewis	Designing Insulin Injection Device for the Blind or Visually	
Biomedical Engr, GT/Emory	mahmoudabadi, gita	Engineering	Franklin	Impaired Diabetics	Salary
		Mechanical		Design of a novel fluid management device for use in a	
Biomedical Engr, GT/Emory	Martin, Danielle	Engineering	Yoganathan,Ajit	pediatric ECMO-CVVH setup	Salary
		Biomedical	Kemp, Melissa	Investigating TNF- α regulation of mTOR via Akt	
Biomedical Engr, GT/Emory	Mitra, Debika	Engineering	Lambeth	dependent/independent IKK-β pathway.	Salary
		Biomedical	Kemp, Melissa	The application of long term, low levels of reactive oxygen	
Biomedical Engr, GT/Emory	Ni, Willa	Engineering	Lambeth	species (ROS) to HeLa cells, a model of chronic ROS	Salary
		Biomedical	Babensee,Julia	Developing Tolerance-Inducing Niche using Multifunctional	
Biomedical Engr, GT/Emory	Patel, Gopi	Engineering	Elizabeth	Biomaterial assessing release profiles and in vitro induction of	fSalary

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	Riemenschneider,	Biomedical		Oxygen Tension Regulates VitaminD3 Signaling in Growth	
Biomedical Engr, GT/Emory	Kelsie	Engineering	Boyan,Barbara D	Plate Chondrocytes	Salary
		Biomedical	Bellamkonda, Ravi	Examining the Regenerative Capacity of an Acellularized	
Biomedical Engr, GT/Emory	Schwoebel, James	Engineering	Venkat	Nerve-based Substrate Cross-linked with Genipin	Salary
		Biomedical	Barker, Thomas	Identification of Fibroblast Subpopulations in Living Lung	
Biomedical Engr, GT/Emory	Strane, Patrick	Engineering	Harrison	Tissue	Salary
		Mechanical		Developing Models for Asymmetric Annular Dilatation, Saddle	
Biomedical Engr, GT/Emory	Strohsnitter, Leah	Engineering	Yoganathan,Ajit	Deformation, and Papillary Muscle Displacement for an In-	Salary
		Chemical and		Limonene and Carvacrol Plasma Enhanced Chemical Vapor	
Chemical and Biomolecular Engr	Baldwin, David	Biomolecular	Hess, Dennis W	Deposition	Salary
		Chemical and	Styczynski, Mark	Metabolite Profiling Analysis of the Effects of Lobomycosis on	
Chemical and Biomolecular Engr	Garner, Grant	Biomolecular	Philip-Walter	Bottlenose Dolphins in the Indian River Lagoon	Salary
		Chemical and		Modeling of Simulated Moving Bed Chromatography via	
Chemical and Biomolecular Engr	Kruse, Nicholas	Biomolecular	Kawajiri, Yoshiaki	Matlab Software Package	Salary
		Biomedical		A Novel Elastin Mimetic Peptide for Improved Matrix	
Chemical and Biomolecular Engr	Menon, Rohan	Engineering	Taite,Lakeshia J.	Deposition in Tissue Engineered Vascular Grafts	Salary
		Chemical and		Detailed Modeling of Polymer/Zeolite Nanocomposite	
Chemical and Biomolecular Engr	Singh, Tanya	Biomolecular	Nair,Sankar	Membranes via COMSOL Simulations	Salary
		Chemical and		Plasma Enhanced Chemical Vapor Deposition (PECVD) of	
Chemical and Biomolecular Engr	Zuo, Howard	Biomolecular	Hess,Dennis W	Limonene and Carvacrol as antibacterial surfaces	Salary
		Chemistry and		Engineering variants of Retinoid X Receptor and Retinoic Acid	
Chemistry & Biochemistry	Adloo, Milad	Biochemistry	Azizi,Bahareh	Receptor activated by GFP chromophores	Salary
		Chemistry and	Fernandez,Facund	Application of Nanostructure Initiator Mass Spectrometry to	
Chemistry & Biochemistry	Laszlo, Kenneth	Biochemistry	o M	Complex Pre-biotic Samples	Salary
		Chemistry and	Lieberman,Raquel	Recombinant Expression, Purification, and Characterization of	
Chemistry & Biochemistry	Perry, Christopher	Biochemistry	L	Key Disease Causing Mutant Acid β-Glucosidases: Implications	Salary
		Civil and	Konstantinidis,Kon	The emergence of naturalized E. coli and its importance for	
Civil & Environmental Engr	Leon, Tomas	Environmental	stantinos T	fecal contamination testing	Salary
Civil and Environmental		Civil and		Microbial Challenge Test on Small-Scale Water Treatment	
Engineering	Park, Kyoung Eun	Environmental	Dr. Jaehong Kim	Systems for Developing Countries	Salary
	Chigarapalli, Naga	Mechanical	Sundaram, Venkate	Mechanical Modeling, Fabrication and Reliability Assessment	
Electrical & Computer Engr	Venkata Sushanth	Engineering	sh	of Glass Interposer to Printed Wiring Board (PWB)	Salary
	Datta Roy,	Electrical and			
Electrical & Computer Engr	Siddhartha	Computer	Bhatti,Pamela T	A Smart Phone Application for Televestibular Rehabilitation	Salary
		Electrical and	Vela,Patricio		
Electrical & Computer Engr	Devenish, Justin	Computer	Antonio	Glove Controlled Manipulators	Salary

Industrial & Systems Engr Materials Science & Engr	Rajaraman, Sandhya Sisson, Jennifer Osero, Michael Angelo	Industrial and Systems Polymer, Textile,	Mentor Name Bhatti,Pamela T Swann,Julie L	Paper TitleA Macro-Scale Model of the Human Semicircular Canal:Mimicking Our Natural Rotation Sensor for a VestibularEvaluation of Telemedicine for Screening of DiabeticRetinopathy	Funding Type
Industrial & Systems Engr Materials Science & Engr	Sisson, Jennifer Osero, Michael Angelo	Industrial and Systems Polymer, Textile,		Evaluation of Telemedicine for Screening of Diabetic	Salary
Industrial & Systems Engr Materials Science & Engr	Sisson, Jennifer Osero, Michael Angelo	Industrial and Systems Polymer, Textile,		Evaluation of Telemedicine for Screening of Diabetic	,
Materials Science & Engr	Osero, Michael Angelo	Polymer, Textile,	Swann,Julie L	6	
Materials Science & Engr	Osero, Michael Angelo		-	Reunopulity	Salary
	5	and Eiber		Development of pH and Temperature Sensitive Nanoparticles,	
Mechanical Engineering			Tsukruk, Vladimir V	for Applications in Single Nanostructure Sensors	Salary
Mechanical Engineering		Mechanical			
	Bingham, Ben	Engineering	Alexeev,Alexander	Designing Microscale Self-Propelling Swimmers	Salary
	-	Biomedical			
Mechanical Engineering	Blenden, Mitchell	Engineering	Yoganathan,Ajit	Computational Modeling of Mechanical Heart Valves	Salary
		Mechanical		Control of Atomic Force Microscope Cantilever Dynamics via	
Mechanical Engineering	Fan, Lin	Engineering	Sulchek,Todd A	Quality Factor Feedback	Salary
		Biomedical			
Mechanical Engineering	Kim, Byung Kyu	Engineering	Sulchek,Todd A	Mechanical Diagnostics of Ovarian Cancer	Salary
		Biomedical	Dixon, James	Biological Response of Lymphatic Endothelial Cells to	
Mechanical Engineering	Korneva, Arina	Engineering	Brandon	Mechanical Stretch	Salary
		Electrical and		Mimicking the Behavior of Mexican Jumping Beans using	
Mechanical Engineering	Lal, Ishan	Computer	Hu,David L	Spherical Robots	Salary
		Biomedical			
Mechanical Engineering	McKinnon, Michael	Engineering	Forest,Craig R	Spectral characterization of ex-vivo thrombosis	Salary
		Mechanical	Hastings,Mardi		
Mechanical Engineering	Morales, Juan	Engineering	Сох	Off-shore Pile Driver Modeling for Acoustical Analysis	Salary
		Biomedical		Structural Changes in Two Rat Osteoarthritis	
Mechanical Engineering	Moran, Shamus	Engineering	Guldberg,Robert E	Models	Travel
		Mechanical		Optimization of a Platelet Aggregation Test by Correlating	
Mechanical Engineering	Thomas, Jordan	Engineering	Forest,Craig R	Light Transmission to the Composition of Blood	Salary
		Mechanical	Paredis, Christiaan	A Systems Engineering Method Based on Constraint	
Mechanical Engineering	Thompson, Dakotah	Engineering	Jos Jan	Satisfaction Solving	Salary
College of Management					
				Are all bad reviews resistant to changes in e-commerce? An	
Management, College of	LaRossa, Francis	Management	Zhang,Han	experimental investigation.	Salary
College of Science					
	Kim, Myong Joon	Applied Physiology		Application of spring-mass model to asymmetric running	Salary

Award School	Student Name	Student Major	Mentor Name	Paper Title	Funding Type
			Duffy,Meghan	Zooplankton Population Dynamics in Clayton County Water	
Biology	Ahmed, Tamanna	Biology	Anne	Authority Reservoirs	Salary
Biology	Kanagawa, Marleen	Biology	Yen,Jeannette	Characterization of Krill Schooling as a Function of Time	Salary
		Earth and	Newman,Andrew		
Earth & Atmospheric Sciences	Gammans, Christine	Atmospheric	Vern	Seismicity in the Southeastern United States	Salary
Mathematics	Lewis, Kevin	Mathematics	Kang,Sung Ha	Mathematical Exploration in Digital Image Processing	Salary
	, -			Multichannel Radiofrequency Source for Thorium	
Physics	Agha, Amin	Physics	r M	Spectroscopy	Salary
Physics	Hartsell, Joseph	Materials Science and Engineering	Riedo, Elisa	The Cassie and Wenzel Relations on Nanopatterned Surfaces	Salary
Physics			Medo,Llisa		
Psychology	Johnston, Sarah	Psychology	Rogers,Wendy A	Task Challenges Experience by Home Health Care Providers	Salary
				Effects of Automobile Deceleration Displays on Following	
Psychology	Williams, Alison	Psychology	Corso,Gregory M	Driver Performance	Salary
Ivan Allen College					
		History,		Determining the implications of re-segregation in the Atlanta	
History, Technology & Society	Bringslid, Denise	Technology, and	Bayor, Ronald H	Public School System	Salary
		History,		The Interlocking Relationships between American Indian-	
History, Technology & Society	Kromer, Thea	Technology, and	Pearson Jr, Willie	White European History and the American Indian Movement	Salary
		International		Peddling Paradise: The Role of the City Historian's Office in	
International Affairs	Cook, Madeline	Affairs	Bowman,Kirk S	Creating a Global Brand in Habana Vieja	Salary
		International			
International Affairs	Fry, Jared	Affairs	Kosal,Margaret E	WMD in Gaming	Salary
			Brown, Marilyn	How Can the Lessons of Hawaii Energy Policy be Applied to	
Public Policy	Lynch, Matthew	Public Policy	Ann	Georgia	Salary
		Mechanical	Brown,Marilyn	How can the lessons of Hawaii's Energy Policy Be Applied to	
Public Policy	Manfre, Alec	Engineering	Ann	Georgia?	Salary