Mentor		Student					
School	Student Name	Major	Mentor Name	Project Title	Award Type		
	College of Architecture						
ARCH	Solomero, Rustann	ISYE	Ashuri,Baabak	Models for Predicting Construction Cost	Salary		
7 11 1011			7 (0.1.011) = 0.000 (0.1)	Ephemeral City: Using cellular automata to model growth patterns of tent			
ARCH	Utting, Brittany	ARCH	Swarts, Matthew Ernest		Salary		
			Castro-	Evaluation of Rehabilitation Strategies for High Performance Green			
ARCH	Winship, Aubrey	ВС	Lacouture,Daniel	Buildings	Salary		
College	e of Engineering						
				Extension of an Airfoil Inverse Design Method to High-lift Multi-element			
AE	Chiguluri, Bhanu	AE	Sankar,Lakshmi N	System Design	Salary		
_			Calab Jasanb Haman	Response Surface Equations for Expendable Launch Vehicle Payload	Traval		
AE	Fleming, Elizabeth	AE	Saleh, Joseph Homer Lieuwen, Timothy	Capability Flame Response of Swirl Premix Flames to Transverse Acoustic	Travel		
AE	Natarajan, Shweta	AE	Charles	Excitation	Salary		
<u> </u>	rvatarajari, Oriweta	/\L	Lieuwen, Timothy	Excitation	Galary		
AE	Roan, Alexander	AE	Charles	Turbulent Flame Speed Measurements and Modeling of Syngas Fuels	Salary		
AE	Walker, Jonathan	AE	Walker II,Mitchell L.R.	Static Electric Field Modeling of Carbon Nanotube Cathodes	Salary		
	,		Bellamkonda,Ravi	Fabrication of a microfluidic device to study CSPG inhibition on neurite			
BME	Anand, Sanjay	BME	Venkat	outgrowth	Salary		
			Barker,Thomas				
BME	Chen, Justin	BME	Harrison	The Effect of Substrate Rigidity on Alveolar Cell Phenotype	Salary		
BME	Desai, Kalpi	BME	Yoganathan,Ajit	Anatomical Characterization of Fontan Operation	Salary		
				Characterization of the combined effects of mechanical forces present in			
вме	France Kaither	вме	Vacanathan Aiit	hypertensive hemodynamic environments on the calcification and	Colomi		
BIVIE	Frazier, Kaitlyn	BIVIE	Yoganathan, Ajit Bellamkonda,Ravi	inflammation of porcine aortic valves in an ex vivo flow loop	Salary		
вме	Javid, Mohsin	вме	Venkat	A Regenerating Electrode Scaffold for Peripheral Nerve Interfacing	Salary		
DIVIL	davia, Monsin	DIVIL	Bellamkonda,Ravi	A regenerating Electrode ocanoid for reinplicial recive interfacing	Galary		
вме	Khan, Rania	BME	Venkat	In vivo analysis of a combination drug therapy using rat glioma model	Salary		
	,			, , , , , ,	ĺ		
			LaPlaca Ph.D.,Michelle	Characterization of neuron membrane permeability upon biaxial			
BME	Rothberg, Michael	BME	Camille	mechanical insult in vitro	Salary		
			Barker,Thomas	Inhibition of pulmonary epithelial to mesenchymal transition by blocking			
BME	Rowe, Jessica	BME	Harrison	transforming growth factor beta-1 signaling via SDKP	Salary		
DME	Observe Datairi	DME	V	The Effects of Annular Dilation and Papillary Muscle Displacement on	0-1		
BME	Shannon, Patrick	BME	Yoganathan,Ajit	Tricuspid Valve Regurgitation Effects of Pathophysiological Pressure and Cyclic Stretch on Expression	Salary		
вме	Thayer, Patrick	вме	Yoganathan,Ajit	lefrects of Pathophysiological Pressure and Cyclic Stretch on Expression of αSMA and Vimentin in Aortic Valve Leaflets	Salary		
DIVIE	mayer, Fallick	DIVIE	i oganaman,Ajit	Tot down and vimentin in Autic valve Leanets	Saiai y		

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Mentor School	Student Name	Student	Mentor Name	Duo ingé Tièle	Aurand Tyma
School	Student Name	Major CHEM/B	Mentor Name	Project Title Synthetic Fraction C promotes osteogenesis and cementogenesis in	Award Type
BME	Vesper, Kathryn	CHEW/B	Boyan,Barbara D	osteoblasts and human mesenchymal stem cells	Salary
DIVIE	vesper, Kaurryn	CHEM/B	Bommarius, Andreas S	osteoblasts and numan mesenchymal stem cells	Salary
CHBE	Cho, Soohee	CHM	& Tolbert, Lauren	Optically Modulated Fluorescent Proteins	Salary
CHBE	DaCunha, James	СНВЕ	Grover,Martha A & Ludovice, Pete	Coarse-graining of molecular dynamics simulations via model reduction, with application to polyolefin tacticity for morphology control	Salary
CHBE	Pety, Stephen	PTFE	Lu,Hang & Thio, Jonathan	Microviscometer for the Measurement of Polymer Molecular Weight	Salary
CHBE	Yan, Jing	CHBE	Teja,Amyn S	Deposition of Metal Oxide Nanostructures on Zeolite Surfaces	Salary
СПВЕ	ran, Jing	CHBE	reja,Amyn S	Deposition of Metal Oxide Natiostructures on Zeolite Surfaces	Salary
CHBE	Yong, Chun	вме	Sambanis,Athanassios	Microencapsulation of βTC-tet Cells with Barium-Alginate	Salary
CEE	Harris, Brandon	CEE	Stoesser,Thorsten	Quantification of Vegetative Flow Resistance in Constructed Wetlands	Salary
CEE	Lim, Mary	CEE	Yiacoumi,Sotira	Experimental Investigation of Colloidal Behavior in Aqueous Environments	Salary
CEE	Reuter, Emma	CEE	Stoesser, Thorsten	Quantification of Vegetative Flow Resistance in Constructed Wetlands	Salary
CEE	Strellis, Brandon	CEE	Stoesser, Thorsten	Flow Resistance of Natural Vegetation	Salary
ECE	Katariya, Ashish	ECE	Taylor, David G	Building a Wheeled Inverted Pendulum for Personal Transportation	Salary
ECE	Jones, Jeremy	ECE	Ghovanloo,Maysam	Utilizing the Tongue Drive System for Robotic Arm Control	Salary
ECE	Parikh, Sharan	ECE	Habetler,Thomas G	Analysis and Implementation of a Surge Tester for the Diagnosis of the Turn Insulation of Induction Machines	Salary
				Automated Three-Dimensional MRI Segmentation for Optimizing	
ECE	Shahbuddin, Sarosh	ECE	Tannenbaum,Allen R	Approximations in Transphyseal Tunnel Placements	Salary
ECE	Tan, Edward	ECE	Tentzeris,Emmanouil M		Salary
MSE	Brahmbhatt, Parth	ME	Gall,Kenneth A	Foaming Aligned Nanoparticle Composites Using Shape-Memory Polymer Epoxies	Salary
MSE	Evans, Nathan	MSE	Gall,Kenneth A	Screening Biocompatible Polyurethanes Based On Thermo-Mechanical Properties to Create Acrylate Blends with Shape-Memory	Salary
MSE	Jones, Frank	MSE	Yushin,Gleb	Electrochemical evaluation of Silicon based Li-ion batteries with novel binders	Salary
MSE	Kwasnik, Agatha	ВМЕ	Gall,Kenneth A	Developing Vacuum-Assisted Resin Transfer Molding Techniques to Enable Advanced Processing of Fiber-Reinforced Shape-Memory Polymers	Salary
MSE	Lesniewski, Martha	MSE	Gall,Kenneth A	Mouse Embryonic Stem Cell Encapsulation with Poly (ethylene) glycol- based Poly(beta-amino esters)	Salary

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Mentor		Student			
School	Student Name	Major	Mentor Name	Project Title	Award Type
		<u> </u>		Optimizing Thermo-mechanical Properties of Shape-Memory Polymer	,
MSE	Lesniewski, Victor	BME	Gall,Kenneth A	Blends in Aqueous Environments for Orthodontic Applications	Salary
				Using Time-Temperature Superposition to Design Enhanced Acoustic	
MSE	Ware, Taylor	MSE	Gall,Kenneth A	Damping	Salary
ME	Batta, Sahil	ME	Pucha,Raghuram V	Modeling and Design Aspects of CNTs as Hydrogen Storage Medium	Salary
ME	Carroll, Phares	ME	Neitzel,G Paul	Dynamics of Colliding Droplets	Salary
ME	Dextraze, Katherine	NRE	Cho,Sang Hyun	Fabrication and testing of tissue-equivalent radio-/heat-sensitive gels	Salary
ME	Hartley, Douglas	ME	Bras,Bert	Energy Mapping of the Georgia Tech Campus	Salary
ME	Hurwitz, Jeremy	BME	Ku,David N	Mechanisms Thrombus Formation at High Shear Rates	Salary
ME	Lee, Phillip	BME	Forest, Craig R	Array for Simultaneous Neural Patch Clamping	Salary
				Investigation of Stacking Options for Combined-Cycle, High Thermal	·
ME	Miller, Nicole	ME	Mayor, James Rhett	Efficiency Internal Combustion Engines	Salary
ME	Suleiman, Shadeah	Biology	Fox, Timothy H	Molecular targeting and imaging of pituitary adenomas	Salary
	·	<u> </u>	Gleason Jr.,Rudolph	Determination of the Mechanical Properties of Tissue Engineered Arterial	
ME	Tian, Harvey	вме	Lawson	Vessel Walls	Salary
ME	West, Daniel	ME	Hu,David L	Mechanics of Mexican Jumping Beans	Salary
	,		Gleason Jr.,Rudolph	Manufacturing and Mechanical Testing of Chemically Stimulated Tissue-	
ME	Chaudhury, Rafeed	BME	Lawson	Engineered Blood Vessel Constructs	Salary
PTFE	Herst, Matthew	PTFE	Thio, Yonathan S	Analysis of nanoscale self-assembly of electrospun block copolymers	Salary
				Development and Characterization of Polymeric Supramolecular	
PTFE	Lewis, Brandon	PTFE	Beckham, Haskell W	Templating Systems	Salary
College	of Management				
				Do Positivity and Negativity Biases Matter in Consumer Decision Making?	
MGMT	Martin, Alfred	MGMT	Zhang,Han	An Experiment Study	Salary
College	of Sciences				
BIOL	Stallings, Carrie	Biology	Jiang,Lin	Incorporating Pathogens into Community Assembly	Salary
			<u>.</u>	Brevetoxin concentrations in the Eastern oyster (Crassostrea virginica)	
				exposed to the bloom-forming Karenia brevis and planktonic diatom	
BIOL	Tjahjadi, Michael	Biology	Kubanek, Julia M	Skeletonema costatum	Salary
	, , ,	, J	,	RNA interference of androgen receptor genes regulating reproduction of	
BIOL	Weigel, Emily	Biology	Snell,Terry W	Brachionus manjavacas (Rotifera)	Salary
CHEM/B	, ,	CHEM/B	, ,		,
СНМ	Castaneda, Alma	СНМ	Collard,David M	Evaluation of the CWCS Workshops	Salary
CHEM/B	., -	CHEM/B	,	Non-enzymatic linking of nucleotides: Chemical Sticky End Ligations and	,
СНМ	Chen, Michael	СНМ	Hud, Nicholas V	Reversible Backbone Linkages	Salary
CHEM/B	,		,	Characterization of Structure and Cellular Localization of Silaffin-like	,
СНМ	Holmes, Scott	BME	Kroger, Nils Klaus	Proteins in the Diatom Thalassiosira pseudonana	Salary

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Mentor School		Student Major	Mentor Name	Project Title	Award Type
	Morales-Pico, Brenda	CHEM/B CHM	Hud,Nicholas V	Self-Assembly of Purine Base Pairs in Aqueous Solution	Salary
CHEM/B	Dieliua	СНЕМ/В	Huu,Nicholas v	Sen-Assembly of Purifie Base Pails in Aqueous Solution	Salary
	Om, Mijung		May,Sheldon W	A New Treatment for Inflammatory Diseases	Salary
CHEM/B	Offi, Miljurig	OT IIVI	iviay, oricidori vv	A New Treatment for innaminatory Diseases	Odiai y
	Parrish, Robert	ME	Sherrill, Charles David	An Analysis and Extension of Modern Quantum Chemistry Techniques	Salary
CHEM/B		CHEM/B			, ,
СНМ	Suidan, Tala	СНМ	Kelly,Wendy L	Genome Mining in Streptomyces laurentii	Salary
CHEM/B	,	CHEM/B		Performance of concatenated dynamical decoupling on trapped Calcium	
СНМ	Wright, Kenneth	CHM	Brown,Kenneth Ray	ions	Salary
EAS	Bracco, Jacquelyn	EAS	Stack, Andrew Gregory	Molecular Dynamics and Kink Site Formation on Barite	Salary
			Fernandez De Las		
	Devaiah, Sharan	Physics	Nieves, Alberto	Configuration of topological defects on spherical nematics	Salary
Psych	Moskovitch, Yarden	Psych	Walker,Bruce N	Dual Task Experiments using Auditory Menus	Salary
Psych	Murray, Rory	Psych	Hertzog,Christopher K	Item selection and self-paced study when learning Chinese pictographs: Does the region of proximal learning hypothesis apply to unfamiliar stimuli?	Salary
Psych	Newsome, Rachel	Psych	Duarte,Audrey L	The effects of self-referential processing on source memory in young and older adults: Behavorial and ERP evidence	 Travel
Psych	Tsui, Benjamin	CHBE	Duarte, Audrey L	The Effects of Aging on Associative Recognition Memory	Salary
	len College	10			100.0.7
	Sirow, Gabrielle	ECON	Uwaifo,Ruth O	Decomposing the E ects of the Subprime Mortgage Boom and Bust on Native Citizens, Naturalized Immigrants and Resident Immigrants in the United States.	Salary
				The Inequality of Resources for Homeless Women in Atlanta; The Effects	
HTS	Thadhani, Kiran	INTA	D'Unger,Amy V	of Homelessness on Health, Hygiene, and Parenting	Salary
				The Inequality of Resources for Homeless Women in Atlanta; The Effects	
HTS	Williams, Molly	LCC	D'Unger,Amy V	of Homelessness on Health, Hygiene, and Parenting	Salary
INTA	Mangels, Colby	INTA	Birchfield,Vicki L	Changes to the EU Legal Structure Following 9/11:	Salary
INTA	Windsor, Andrew	INTA	Woodall,Brian E	The State and Consequences of Information Security in East Asian Energy Security	Salary
	Karmali, Ruchir	ВМЕ	Levine,Aaron David	Understanding the emergence, effectiveness and impact of state stem cell programs	Salary
GTRI					
GTRI Electro- Optical	Haverly, Christopher	СНВЕ	Ready,William Judson	Cadmium Chloride Annealing for 3D Solar Cells	Salary

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