Mentor School	Student Name	Student Major	Mentor Name	Project Title	Funding Type
COA					
COA	Ash, Andrew	CS	Chordia,Parag Pratap	Applying Content-Based Recommendation to Indian Classical Music	Salary
COC					
IC	Bardagjy, Andrew	CS	Dellaert,Frank	Monitoring Mating Mosquitoes to Mitigate Malaria: 3D Tracking With 4D Light Fields	Salary
COE					
AE	Antezana, Jose	ME	Lieuwen,Timothy Charles	Turbulent Flame Speed Measurements and Modeling of Syngas Fuels	Salary
AE	Barbely, Natasha	AE	Sankar,Lakshmi N	Exploring Helicopter In-Plane Noise Reduction Possibilities via Rotor Blade/Airfoil Geometry Designs	Salary
AE	Benegalrao, Suyog	AE	Craig,James I	Adaptive Control Experiments for a Slender Launch Vehicle	Salary
AE	Fischer, Matthew	AE	Wilhite,Alan W	Earth to Moon Transportation Optimization	Salary
AE	Joiner, Jason	AE	Walker II,Mitchell L.R.	Analyzing Helicon Waves in a Plasma Propellant	Salary
AE	Juneau, Jessica	AE	Braun,Robert David	Development of Alternative Thermal Protection System Design to be Used in Low Earth Orbit and Mars Entry Missions	Salary
AE	Ma, Hsin-Hsiao	AE	Lieuwen,Timothy Charles	Flame Brush Development in an Oscillatory Turbulent Flame	Salary
AE	Natarajan, Shweta	ME	Lieuwen,Timothy Charles	Flame Response of Swirl Premix Flames to Transverse Acoustic Excitation	Salary
AE	Pinkerton, Stephen	Physics	Walker II,Mitchell L.R.	Plasma Double Layer Thruster and Ion Engine/DL Hybridization Feasability	Salary
AE	Roan, Alexander	ME	Lieuwen,Timothy Charles	Turbulent Flame Speed Measurements and Modeling of Syngas Fuels	Salary
AE	Valdez, Pierre	AE	Komerath,Narayanan M	Closed Gas Cycle for Micro-Renewable Power Systems	Salary
AE	Verma, Siddhartha	AE	Ruffin,Stephen M	Computational Analysis and Design of Blunted Re-entry vehicles	Salary
BME	Barrett, Andrea	BME	Wang,Dongmei	Mass Spectrometry Imaging Analysis	Salary

Mentor School	Student Name	Student Major	Mentor Name	Project Title	Funding Type
BME	Chan, Leslie	BME	Bellamkonda,Ravi Venkat	NOVEL NANOSCALE AGENT FOR MAMMOGRAPHY:	Salary
DIVIL		DIVIL	Venkal	Detection of protein S-glutathionylation during T cell receptor	Salary
BME	Chen, Theodore	BME	Kemp,Melissa Lambeth	activation	Salary
				Enrichment of Adipose-derived Mesenchymal Stem Cells for	-
BME	Erdman, Christopher	BME	Boyan,Barbara D	Osteoprogenitor Cells using Resveratrol	Salary
			Bellamkonda,Ravi	In vitro phenotypic and genotypic analysis of anti-invasive	
BME	Gupta, Aakanksha	BME	Venkat	drug for treatment of malignant glioma	Salary
				24,25-dihydroxyvitamin D3 Signaling and Cell Survival during	
BME	Gupta, Vedant	BME	Boyan,Barbara D	Chondrogenesis	Salary
BME	Hussain, Samiya	BME	Yoganathan,Ajit	The Effects of Serotonin Receptors on Cardiac Valves	Salary
			Bellamkonda,Ravi	Molecular Imaging of VEGF and Its Prognostic Value for	,
BME	Im, Sonia	BME	Venkat	Nano-enabled Breast Cancer Chemotherapy	Salary
		1		Transfer of Polymer Thin Films from Angioplasty Balloon to	
BME	Mets, Joseph	BME	Chaikof,Elliot L	Vascular Lumen	Salary
				The Role of Bone Morphogenetic Proteins in Osteoblast	
BME	Pan, Qingfen	BME	Boyan,Barbara D	Differentiation on Microstructured Titanium Surfaces	Salary
BME	Patel, Nehal	BME	Boyan,Barbara D	The Role of Vascular Endothelial Growth Factor in Angiogenesis and Osteoblast Maturation and Differentiation	Salary
			Bellamkonda,Ravi	Evaluation of Peripheral Nerve Regeneration On Aligned	
BME	Rudra, Soumon	BME	Venkat	Electrospun Fibers	Salary
			Bellamkonda,Ravi	Evaluation of drug delivery design in rat model via Flow	
BME	Trivedi, Rohan	BME	Venkat	Cytometry	Salary
5.45		CHM/BCH		N-Terminal of Amelogenin induces osteogenesis and	
BME	Vesper, Kathryn	М	Boyan,Barbara D		Salary
	Denomena Lindeess		Taita Labaahia	Targeted Drug Delivery of Cytochalasin B into Cancer Cells	Calami
CHBE	Bergman, Lindsey	CHBE	Taite, Lakeshia	By Coupling Folic Acid to Dendrimers	Salary
CHBE	Detwiler, David	CHBE	Sambanis, Athanassios	Maximizing the Production of Crystallin Protein	Salary
				Modification of Radio Frequency Technology for Use in	
CEE	Bailey, Kenneth	CEE	Teizer,Jochen	Reflectively Dense Locations	Salary
CEE	O'Har, John	CEE	Teizer,Jochen	Iron Worker Safety Performance Analysis	Salary

Mentor School	Student Name	Student Major	Mentor Name	Project Title	Funding Type
				Evaluating the Kinetics of Escherichia coli Inactivation by UVA	
CEE	West Elissboth	CEE	Kim loohong	and UVB Emitted by Light Emitting Diode: Application for	Solony
	West, Elisabeth		Kim,Jaehong	Water Disinfection in the Developing World	Salary
ECE	Bedoya, Geller	ECE	Owen III,Henry L	Forensic Discovery and Extraction Toolkit for Linux Memory	Salary
				Problem-Specific Swarming Algorithm Development for	,
ECE	Digman, Michael	ECE	Harley, Ronald Gordon	Enhanced Optimization Performance	Salary
				Development of a High-Density Microelectrode Array for a	
ECE	Falcone, Jessica	BME	Bhatti,Pamela T	Cochlear Implant	Salary
ECE	Hassig, Santiago	ECE	Durgin, Gregory David	Measuring structure penetration loss and indoor propagation at 700 MHz: Spatio-temporal data acquisition system	Salary
			Howard, Ayanna	Enhancing Extreme Environment Robotic Mobile Sensor	0.1
ECE	Hurst, Michael	ME	MacCalla	Network to Collect Golbal Warming Data (Sno Motes II) Development of a microwave technique to measure moisture	Salary
ECE	Mahmoudabadi, Gita	ECE	Michaels,Thomas E	content in carpet samples	Salary
ECE	Quinteros Soria, Rodrigo	ECE	Durgin,Gregory David	Wireless Channel Reconstruction Based on Perimeter Channel Measurements and Fading Statistics of Wireless Channel	Salary
ECE	Sanders, Sean	ECE	Owen III,Henry L	Statistical Model for Computer Network Forensics	Salary
ECE	Schulz, Andrew	ECE	Vela,Patricio Antonio	Autonomous Trajectory Adjustments to Supplement an Automobile Driver's Reactions	Salary
ECE	Varnell, Paul	ECE	Vela,Patricio Antonio	Multi-Scale Visual SLAM for Mobile Robot Navigation	Salary
MSE	Benson, James	MSE	Yushin,Gleb	Growth of Carbon Nanotubes on Si particles for Li-ion Batteries with Enhanced Power and Energy Density	Salary
MSE	Drewicz, Stephanie	BME	Gall,Kenneth A	Cast Immobilization Using Novel Shape-memory Polymer Systems	Salary
MSE	Foote, Andrew	СНВЕ	Yushin,Gleb	Hybrid vanadium pentoxide-carbon electrodes for supercapacitor applications	Salary
MSE	Jakus, Adam	MSE	Thadhani,Naresh N	Modeling and Simulation of the Impact Response of Linear Cellular Alloys for Structural Energetic Material Applications Ordered High Surface Area Porous Carbon for	Travel
MSE	Lawlor, Sean	AE	Yushin, Gleb	Supercapacitors with Enhanced Power Density	Salary

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MOF				Utilizing Butyal-Acrylate semi-batch emulsions to design	0
MSE	Minneci, Melissa	ME	Ken Gall	Shape Memory Polymers networks	Salary
MSE	Parpart, Sonya	BME	Milam,Valeria Tohver	Using Mutations to Reverse Assembly of RNA-linked Particles	Salary
				Varying e-beam dosage and crosslinking agent to synthesize shape memory polymer networks with tailored mechanical	
MSE	Varallo, Amy	NRE	Gall,Kenneth A	properties	Salary
		CHM/BCH		Engineering Electrospun Nanofiber Meshes for Repair of	
ME	Bajin, Mehmet	М	Guldberg,Robert E	Bone Defects	Salary
ME	Branley, Justin	NRE	Deo,Chaitanya Suresh	Molecular Dynamics of Irradiation Effects in Nuclear Waste Forms	Salary
				Fabrication and Evaluation of Gas Diffusion Media for a PEM	
ME	Carney, Haley	ME	Harris,Tequila A. L.	Fuel Cell with Low In-Plane Fluid Resistance	Salary
ME	Hurwitz, Jeremy	вме	Ku,David N	Thrombus formation at high shear	Salary
ME	Manohar, Nivedh	NRE	Cho,Sang Hyun	Monte Carlo Modeling of an X-ray Fluorescence Detection System	Salary
ME	McAnuff, Kadija	BME	Garcia,Andres J	Generation of antibodies against bioengineered materials using phage display technology	Salary
ME	Nemat bakhsh, Yasaman	ME	Pucha,Raghuram V	Developments in Nanotechnology and the Status of Engineering Design Education	Salary
ME	Pathak, Munir	ISYE	Sulchek,Todd A	Pathogen mimetics to understand receptor mediated pathogen invasion	Salary
ME	Semmens, John	ME	Pucha,Raghuram V	Designing DNA Nanostructures Using Analytical and NanoCAD Tools	Salary
ME	Stimpson, Shane	NRE	Deo,Chaitanya Suresh	Molecular Dynamics Simulations of Diffusivity in Tungsten and Vanadium	Salary
ME	Weber, Joel	ME	Bassiri-Gharb,Nazanin	Development and Analysis of Lead Zirconium Titanate (PZT) based Ferroelectrics	Salary
ME	Wildes, Michael	BME	Ku, David N	Thrombotic Occlusion in Stenotic Arteries	Salary
PFE	Amatya, Anisha	PFE	Kumar,Satish	The Study of Seed Crystal Growth in Polymer/Carbon Nanotube Dispersions	Salary
PFE	Brinson, Robert	PFE	Beckham,Haskell W	Quantitative Analysis of Wicking Behavior in Performance Textile Fabrics	Salary
PFE	Wilson, Melissa	PFE	Beckham,Haskell W	Cyclic Macromolecules: Synthesis and Threading Interactions with Linear Chains	Salary

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COS					
BIOL	Jung, Yeonjin	BIOL	Jiang,Lin	The effects of ecosystem size on population dynamics and community structure: an experimental approach using laboratory microbial microcosms Examining functional significance of selected Hfq protein	Salary
BIOL	Terry, Charles	BIOL	Wartell,Roger M	amino acid residues for sRNA mediated gene regulation in E. coli	Salary
CHEM/BCH M	Geng, Yue	CHEM/BC HM	Sherrill,Charles David	Accurately characterizing the pi-pi interaction energy of the indole-benzene complex	Salary
CHEM/BCH M	Hardin, Kevin	CHEM/BC HM	Payne,Christine K	The role of GPI-anchors on the endocytic pathway of proteoglycans.	Salary
CHEM/BCH M	Kalantari, Roya	CHEM/BC HM	Josowicz,Miroslawa	Optimization of Electrochemical Properties of Polypyrrole Bilayers used for DNA Hybridization	Salary
CHEM/BCH M	Taylor, Kenneth	CHEM/BC HM	Hud,Nicholas V	Selecting for DNA Duplexes using Intercalators: A Method of G Quadruplex Inhibition	Salary
EAS	Jackson, Cynthia	EAS	Stack, Andrew	Mineral Dust Aerosol Shape	Salary
Physics	Ballaban, Reuven	Physics	Schatz,Michael F	Measurement of Forces on a Solid Sphere During Impact with a Free Liquid Surface	Travel
Physics	Beatty, Robert	Physics	Curtis,Jennifer Erin	High Speed Particle Tracking Microrheology of Monodisperse Hyaluronan 150 -2500 kDa	Salary
Physics	Jones, Jeremy	Physics	Sowell,James R	Orbital Solutions and Absolute Elements of the Eclipsing Binary MW Pav	Travel
Physics	Larsen, James	Physics	Curtis,Jennifer Erin	Real-Time Control of Holographic Optical Tweezers	Salary
Physics	Paprocki, Jonathan	Physics	Schatz,Michael F	Study of Interior Dynamics of a 3-D Fluidized Bed Using X-ray Tomography	Salary
Physics	Shah, Sarang	Physics	Finkelstein,David	QUANTUM SPACE-TIME: DEVELOPMENT AND APPLICATION	Salary
Psych	Bowden, Emily	Psych	Engle,Randall W	Principles of Short Term Memory	Salary
Psych	Newsome, Rachel	Psych	Duarte,Audrey L	The Effects of Aging on Contextual Binding for Emotional Stimuli	Salary

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GTRI					
GTRI-Info Tech TL (GTRI-ITTL)	Akin, John	ECON	Lincoln, Jennie	The Role of William Howard Taft's Presidency on his tenure as Chief Justice of the Supreme Court	Salary
GTRI Electro- Optical Sys Labs	James, Julian	MSE	Zhitao Kang	Quantum dot/polymer nano-composite for gamma ray detection	Salary
GTRI Electro- Optical Sys Labs	Nguyen, Justin	PFE	Ready,William Judson	3D Amorphous Silicon and Thermodielectric Engines	Salary
GTRI Electro- Optical Sys Labs	Soracco, David	MSE	Ready,William Judson	Investigation into the Growth Mechanisms of Carbon Nanotubes	Salary
IAC					
LCC	Gravitt, Bryn	LCC	Hassan, Narin	Women, Empire and Colonialism in Nineteenth Century Britain	Salary
LCC	Koza, Kyle	LCC	Herrington,TyAnna K	The Differences In Online Communication Between Russian and American Students	Salary