

SESEY 2011 Projects		
Faculty	Mentor(s)	Project Title
Dr. Christine Kelly (BioE)	Lab Manager Christine Kelly	
Bioprocess ChE/BioE	Stephanie Silliman/Audrey Oldenkamp/Kevin McElhaney- Gleeson 202	Yeast Growth and Recombinant Enzyme Production
EnvE	Mary Isham/Evelyn Harper- Gleeson 202	Treating Wastewater in Wetlands
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Bioprocess ChE/BioE	Davis Weymann/Curtis Lajoie- Gleeson 202	Genetic Engineering to Produce a Recombinant Enzyme
BioE	Rose Felber/Julie Rorrer- Gleeson 003	Hydrophobic Drugs for Cancer Treatment
		Hydrophobic Drugs for Cancer Treatment
Dr. Skip Rochefort	Dan Foster (Lab Manager)	
Materials/EnvE/ChE	Marshall Lake/Sandy Cervantes- Gleeson 206	Green Building-Recycled Expanded PS as Insulation Materials
Materials/EnvE/ChE	Neda Kazerouni/Molli Trejo - Gleeson 206	CSI Plastics
Materials/BioE/ChE	Camille Violet/Katie Banowetz- Gleeson 206	Hydrogels and Composites for Spinal Disc Applications
Materials/BioE/ChE	Monica Kolinska/Talia Helman- Gleeson 206	Hydrogels and Composites for Spinal Disc Applications
ChE/EnvE	Nick Kraaz/Courtney Fisher- Graf 208	Oil Spill Clean-Up Technologies applicable to the Gulf Coast Region?
Dr. Mohammad Azizian	Naomi Spevack and Shanna Myers- EnvE Merryfield Labs	Anaerobic transformations of groundwater contaminants
Dr. Lew Semprini (EnvE)		
Dr. Adam Higgins (BioE)	Corey Lerch- Gleeson 204	Removing blood preservatives after Cryopreservation
Dr. David Trejo (CE/CEM)	Jamie Clark/ Young Hoong- Merryfield 109/Graff Hall materials lab	Optimizing Materials Performance for Use in NASA's Launch Complex
Dr. John Conley (ECE)	Melanie Bishop- Owen 4th floor clean room	Electrical and Nano-Mechanical Characterization of Nanolaminate
		Dielectrics Thin Film Deposited via Atomic Layer Deposition (ALD)
Dr. Eugene Zhang (CS)	QingQing Deng/Spencer Lazarof/Cari Lerner- Kelley 2110	3D Graphics: Computer-generated painting of images and videos
Dr. Alex Yokochi (CBEE)	Alex Bistrika/Oliver Light- Gleeson 312	Zinc Bromine Batteries for Harvesting Wave, Solar, and Wind Energy
Dr. G. S. Murthy (EcoE)	Martine Torres- Gilmore 225	Bioremediation of Effluent Water Wastes using a low cost, low energy
		Algae Process
Dr. Ethan Minot (Physics/Nano)	Jenna Wardini /Tristan Deborde- Weniger 317	Nanotechnology: Carbon-based electronics