

SESEY 2016 Projects			
Lead	Mentors	Students	Project
Lewis Semprini	Hannah Rolston, Eileen Lukens	Lauren Waldman and Sarah Greenberg	Bioremediation of the groundwater contaminant 1,4-dioxane via cometabolism
	Marina Cameron, Stephanie Wright	Ariadna Salas and Esaul Castillo	Immobilization of bacteria of the cometabolic treatment of 1,4-dioxane
Jeff Nason	Alyssa Deline ; Will Young ; Monce Barajas Gomez	Sophie Gossack and Esme Ace	Fate and transport of engineered nanoparticles in the environment
Ethan Minot	Dan McCulley, Lee Aspitarte	Ryan Saunders and Deven Leon Patino	Nanotechnology: Carbon-based electronics
Gregory Rorrer	Omar Chiriboga, Nicholas Hogan	Gabe Kindschy and Sueyee Yiu	Large scale production of Algal biofuels
Gregory Rorrer	Altan Ozkan, Hailey Reed	Elise Anderson and Emma Kindschy	Determine if diatom algae can grow on sugar instead of sunlight
Gregory Rorrer	Paul LeDuff, Monika Hoke	Cameron Chun and Ridge Lahti	Measure phosphate nutrient uptake by diatom algae using spectrophotometric assay
Gregory Rorrer	Paul LeDuff, Dylan Swift	Nathan Bell and Kendra Hunt	Observe if diatom algae can grow attached to a glass surface using a research microbe
Tyler Radniecki	Tanner Belknap, Berkley Noble	Joseph Justice and Morgan Mawn	Nanoparticle-enhance solar treatment of contaminated waters
Chi-hung Chang	Han Mei, Riley Kendrick	Eric Rogers and Lauren Cooper	Coating of Ag NWs for the fabrication of transparent conductor
Chi-hung Chang	Yujing Zhang, Muaz Kadir	Shawntae Harris and Liberty Rossel	Fabrication of Metal Organic Frameworks Films for CO2 sensing
David Cann	Nitish Kumar	Kelley Bastin and Jaiden Westover	Fabrication and Testing of a Piezoelectric Material
		Kaycie Bauer, Psalms Doucettperry, Riley Murray, Takumi Tomishima	Injuries in Space
Irem Tumer	Valerie Byxbe, Jolynn Meza Wynkoop		
Nick AuYeung	Griffin Drake and Kylie Russell	Hannah Palmer and Carolyn Richardson	Solar thermochemical energy storage
		Fernando Gonzalez and Cruz Grover	Chemistry, Computers, and Engineering
Lincy Amadottir	Lynza Sprowl, Qin Pang, Alvin Chang, Yousif Almulla, Jie Zhou		
Greg Herman	Genet Alemu	Tiffany Chiang and Annika Mellquist	Characterizing and Printing Quantum Dot Inks
Bo Sun	Garrett Potter and Chris Jones	Nolan Hart and Andria Tattersfield	Rtime Travel -- How far can we go back in Time?
Elain Fu	Caitlin Reid, Jesse Imdieke	Alessandra McCann and Kristine Johnson	Patterning reagents in paper microfluidic devices
Javier Calvo-Amodio	Aaron, Rime, Molly, Malaia, Thomas, Chinmay, Laura	Nicole Halzel, Mila Gaston, Yasmine Bashiri, and Lai-Na (Sally) Chen	Industrial Engineering - Safety in the Workplace
Yigit Menguc	Khawater Hussein	Polina Verkhovodova and Kinsey Popham	Liquid metal music gloves
Adam Higgins	Beverly Miller, Fabiola Birrueta	Sophia Newman and Addison Nuttbrock	Blood frozen for transfusions
David Ji (Chemistry)	Daniel Leonard	Eliana Kenner and Julia Fusia	Nanocluster-doped nongraphitic carbon as Na-ion battery electrodes
Travis Walker	Anika Todt and Kristin Marshall	Noah Mayhew and Mady Gibbs	Extensional flow and Drag Reduction
Skip	Ranya Al-Khaleedy and Emily Harding	Mika Domingo and Sophia Mantell	Spinal Disc -- composite Hydrogels (sponges)
Skip	Kaylee Duchateau, Kirsty Ocansey,	Dillon Rosen and Kenneth Shepherd	Plastic Wood
Skip	Raquel Sanchez, Yadi Kumbi, Nate Haslam, Dan Foster	Natali Herinckx and Nicole Bell	CSI Plastics
Travis Walker/Skip	Heidi Oldekamp, Mari Domingo	Lena Lamaroueux and Charissa Bacon	Rheology in Daily Life -- What determines if your Shampoo flows?
Brit/Leo	Britany Swann and Leo Guiot de la Rochere	Theresa Mai and Ashley Vega	Non-Newtonian Fluids as Smart Tracers in Porous Media
		Total	