

Session	Project	Student Team			Faculty Advisor	Sponsor
	Parametric Turbofan Propulsion Model	JP O'Dell	Senior	AERO	Paulo Iscold	Lockheed Martin
Aerospace		Joseph Hammond	Senior	AERO		
	Concept development of a nano-reaction control system for small satellites	Danny Maas	Junior	ME	Pauline Faure	
		Walden Hillegass	Junior	CSSE		
	Fleet Management via RFID	Harumi Hokari	Junior	CSSE	Dongfeng Fang	Boeing
Computing and Cyber		Keegan Divine	Senior	CSSE		
	Shark Spotting with Drones	Kathirvel Gounder	Junior	CSSE	Franz Kurfess	Nic and Sara Johnson
		Grace Nolan	Senior	CSSE		
Mechanical/Materials /	Drone Applications in Construction	Robert Sprotte	Senior	CE ENVE	Hani Alzraiee	
Industrial/Civil		Andrea Leal Ruiz	Senior	CE ENVE		
	Evaluation of Cost-effective Pavement Deformation Detection Technologies using Mobile LiDAR	William Andrews	Senior	CE ENVE	Anurag Pande & Alireza Shams	CPCConnect
	Study of locomotion of a hopping robot	Matthew Frost	Senior	ME	Siyuan Xing	
Biomedical/Pedagogy		Bradley Kwan	Senior	ME	Charlie Refvem	
	The CAR (Confront, Address, Replace) Strategy	Amman Asfaw	Senior	EE	Andrew Danowitz	
		Storm Randolph	Sophomore	CE	Jane Lehr	
Electrical	Photovoltaic Array Soiling Reduction through Optimization of Stowing Angle	Shayla Schoensee	Senior	ME	Dale Dolan	CPCConnect
	Resilient Critical Infrastructures	Austin Grassbaugh	Senior	CE	Joseph Callenes-Sloan	Northrop Grumman
		Annie Joss	Junior	CE		Corporation