8:30am
Design and Testing of an Amphibious AUV
Ryan Chesanek, Graham Driscoll-Carignan, Spencer Granlund, Matthew McMahon, Evan Russell, Benjamin Twombly
Advisor: Prof. Demetriou

8:50am
RC Aircraft Design for AIAA Design, Build, Fly (DBF) Competition
Elias Monzayet, Bridget Muturi, Carson Murphy, Troy Santopadre, Wesley Schulz, Richard Shaw, Jack Robertson, Regina Valencia
Advisor: Prof. Yuan

9:10am
Novel Mobility Solutions for Extreme Lunar Terrain
Benjamin Cobb, Alexa Dahlquist, Michael Gouveia, Finnian Hamblett, Roman Henry, Joseph Kuchenmeister, Cristina Perez
Advisor: Prof. Karanjgaokar

9:30am
Aerodynamic and Structural Analysis of the Kaman K-16B
Andrew Carlton, Shannon Daly, Elizabeth Healy, Naoki Heginbotham, Cyril Ogbebor, Viren Punjabi, Douglas Shirakura, Akhilesh Yarlagadda
Advisor: Prof. Blandino

10:00am
Design, Analysis and Testing of Ionic Wind Propulsion System for an Electric Aircraft
Cailin Borovicka, Colleen Henderson, Cole Lederman, Ariel Velasquez
Advisor: Prof. Taillefer

10:20am
Design and Testing of a Tethered Underwater Wing
Laurence Clancy, Michael Daton, Holly Perry, John Radzanowski, Charles Ritchie, Erika Varady, Zachary Winston
Advisor: Prof. Olinger

10:40am
Design and Analysis of a High-Powered Model Rocket
Nathan Brumble, Robert Doyle, Abigail Duval, Melissa Kelly, Cameron McAfee, Claire Matthews, Bryan Silva
Advisor: Prof. Taillefer

11:00am
Design of Thermally Efficient Cryogenic Tanks for Spacecraft
Quentin Collins, Roman Gowie, Alice Kelly, Rayden Morley, Sean Nuzio, Nathaniel Polus, Janelly Torres
Advisor: Prof. Jayachandran

BREAK 10 minutes

11:30am
Design of a CubeSat for Identifying, Tracking and Mitigating Space Debris - Part 1
Jackson Neu, Ellie Sherman, Domonic St. Pierre
Advisor: Prof. Taillefer

11:46am
Design of a CubeSat for Identifying, Tracking and Mitigating Space Debris – Part 2
Liam Piper, Ethan Prigge
Advisor: Prof. Demetriou

12:10 am
Coupled Sensor Configuration and Planning with UAVs
Alexandra Ballentine, Joseph Calomo, Jarrett Gulden, Peter Korfuzi, Jake Letourneau, Thomas Lamar, Marina Nelson
Advisor: Prof. Cowlagi

12:30pm
Design and Analysis of a Small Sat as a Communication Relay for Venus Atmospheric Probes
William C. Baxter, Gregoire Brougher, Jacob Ewen, Isaac Garry, George Love, Adam Osgood
Advisor: Prof. Lu