ABSTRACT: Sam will describe his journey through undergraduate engineering at UCSD and how he has developed a passion for engineering. He will cover his work with the UCSD Engineers for Exploration on projects from damping helicopter frame vibrations to designing a quadcopter capable of landing on water. Sam will share his experiences as lead of the UCSD Microgravity Team, which performed biofuel droplet combustion research last summer on a reduced gravity flight at NASA’s Johnson Space Center and will discuss his experience helping organize the first TEDxUCSD event. Sam will share some practical tips and suggestions to help current undergraduate engineering students have a more successful journey at UCSD.

Sam Avery is a fourth year undergraduate Aerospace Engineering student at UCSD and is Project Manager of the UCSD Microgravity Team. Sam performed research on multi-rotor helicopter vibration damping with the National Geographic Engineers for Exploration and helped organize the inaugural TEDxUCSD event held at Qualcomm Hall.

Please arrive early for seating. Light Refreshments to be Provided

For more information, please visit: http://casgc.ucsd.edu/?p=5062