Los Alamos Dynamics
Summer School Program 2014

Student: Kyle Embry

Bio: Kyle graduated summa cum laude from the Missouri University of Science and Technology with a B.S. in Mechanical Engineering. He served as chapter president for the Missouri Beta Chapter of Tau Beta Pi, and participated in undergraduate research, where he co-authored a conference paper on harmonic drive-induced errors in robotic manipulators. He plans to pursue his Ph.D. in Mechanical Engineering at the University of Texas at Dallas with an emphasis in controls. He plans to focus his studies on the translation of theoretical control approaches from autonomous robot walking to biomimetic control strategies for clinically viable wearable robots. After graduation, he would love to work for a national laboratory, or as a research professor. Whatever the application, Kyle sincerely hopes to use his gifts in engineering to help others.