

## 2. Input Estimation from Measured Structural Response

Mentors: Chuck Farrar (LANL, farrar@lanl.gov), Matt Bement (LANL, Bement@lanl.gov)



Dustin Harvey graduated in May 2009 from Rose-Hulman Institute of Technology in Terre Haute, IN with a B.S. in Mechanical Engineering. During college, Dustin was active in the American Society of Mechanical Engineers including serving as Vice-President. He enjoys backpacking, kayaking, climbing, biking, sports, and playing guitar. Dustin is originally from Maryville in east Tennessee and glad to be back in the mountains.

Lizzy Cross graduated from the University of Sheffield with a first class bachelor's degree in Mathematics and later an MSc in Advanced Mechanical Engineering. She is currently studying for a PhD in Mechanical Engineering also at the University of Sheffield. The focus of her PhD is data analysis techniques for structural health monitoring of suspension bridges. Her interests include music, literature and theatre.



Howdy! Ramón Alejandro Silva is a senior Mechanical Engineering major at Texas A&M University from Monterrey, Nuevo León, México; but most importantly he is the proudest member of the fightin' Texas Aggie class of 2010. WHOOP!! He is a member of the Society of Hispanic Professional Engineers (SHPE), the Society of Mexican American Engineers (MAES) and Scientists and the American Society of Mechanical Engineers (ASME). He's research interests lie in precision mechatronics—synthesis of control and instrumentation, actuators and power electronics, sensors and signal processing and precision system design. In his spare time, he enjoys rock climbing, Ultimate Frisbee, cycling, reading and cooking for friends and family.