

Model Validation of Loose Bolted Joints in Damaged Structural Systems (Mentor: Alan Barhorst)

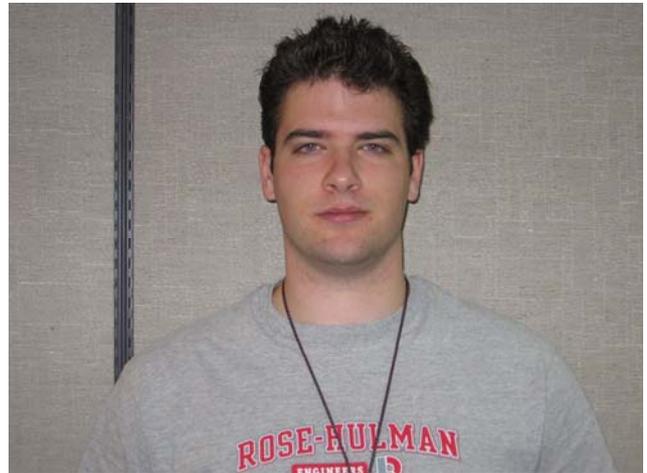
Jared Collins

Jared Collins is a Mechanical Engineering Student at the University of Houston. He has just finished his junior year and plans to graduate after the Spring 2006 semester. He has received several academic awards including the “Most Outstanding Junior” of Mechanical Engineering at the University of Houston. Last summer Jared worked in the Hard Materials Research Division of Hughes Christensen. He is currently working on model validation of loose bolted joints in damaged structural systems at Los Alamos National Labs.



Matt Nothnagel

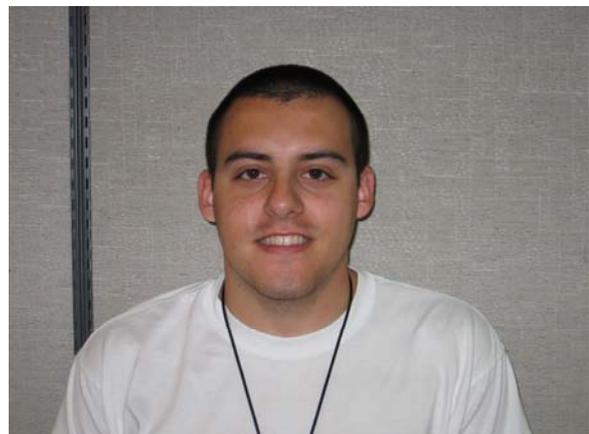
Matt Nothnagel just completed his third year at Rose-Hulman Institute of Technology in Terre Haute, Indiana. He is pursuing a bachelor’s degree in Mechanical Engineering, with a double major in Mathematics and a minor in Economics. This summer, he is working on a research project entitled “Model Validation of Loose Bolted Joints in Damaged Structural Systems” in the ESA-WR division at LANL. He intends to pursue further education in Aerospace Engineering, but hasn’t really decided where yet.



In his spare time, Matt enjoys playing the trumpet, fencing, playing computer games online, and most recently, singing karaoke at the Canyon Bar and Grill here in Los Alamos with all of the other interns.

Jake Pretko

Jake Pretko currently attends Virginia Commonwealth University pursuing a B.S. in Mechanical Engineering. He is working on Model Validation of Loose-Bolted Joints in Damaged Structural Systems in the ESA-WR group at LANL. He has completed a Mathematics minor and is on his way toward completing both a Physics minor and Honors Distinction at VCU.



His interests include playing racquetball, weightlifting, visiting his family in Buffalo, NY (including numerous cousins, aunts, uncles, grandparents, and, of course, CHICKEN WINGS), playing hockey, singing karaoke at Canyon Bar & Grill, and spending time with his friends. He is an active member in Tau Beta Pi and vice-chair of the VCU chapter of ASME.