

Instantaneous Structural Damage Identification using Piezoelectric-based Lamb Wave Propagation
(Mentors: Miles Buechler / Gyuhae Park)

Steven Anton

Steve Anton recently received his Bachelors of Science degree in Mechanical Engineering from Michigan Tech University located in Houghton, Michigan. Steve will begin graduate school at Virginia Tech in August of 2006, working in the field of smart materials. Specifically, he will be performing research in the areas of Structural Health Monitoring (SHM) and Power Harvesting using piezoelectric materials. Steve was born in Royal Oak, Michigan in March of 1984, and graduated from Wylie E. Groves High School in 2002. He has worked for Continental Teves, a tier one automotive supplier, where he developed a LabVIEW based portable data acquisition system to be used for noise, vibration, and harshness analysis. Steve's non-academic interests include mountain biking and trail riding, softball, and both home and car audio.



Migdalia Carrion-Alers

Migdalia "Maggy" Carrión is currently a junior at the University of Puerto Rico at Mayagüez. She will graduate May 2007 with a major in Civil Engineering. Migdalia is a member of the Golden Key International, the Council of Engineering Students and the Civil Honor Society. During the last year, she has been working in a research program studying the behavior of landslides induced by rainfall sponsored by Puerto Rico Louis Stokes Alliance for Minority Participation. Migdalia received the National Honor Society and U.I.A. fellowships for her achievements. In her spare time, "Maggy" enjoys playing the clarinet, volleyball, reading, listen to music, and spending time with her family and friends.



Adam Butland

Adam Butland has just completed his B.S. in Mechanical Engineering at the University of Massachusetts at Lowell. In the fall he will begin graduate school at UMass Lowell with a concentration in modal analysis. Aside from his activities at school, Adam also coaches peewee hockey and plays in a men's league. In his free time he enjoys snowboarding, rollerblading, and just about any water sport in existence.

