

## Structural Damage Identification in Wind Turbine Blades Using Piezoelectric Active Sensing

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Abraham recently graduated from New Mexico Tech with a B.S. in Mechanical Engineering and a minor in Electrical Engineering. He is a member of *Tau Beta Pi*. As an undergrad Abraham worked in the Laboratory for Intelligent Systems and Structures (LISS) where he designed and validated an impact location system. Abraham is returning to New Mexico Tech in the fall of 2009 to continue his Masters education in the field of Mechanical Engineering specializing in structural dynamics where he will work as a research assistant in the LISS. Aside from his academic life Abraham has many hobbies including golf, basketball,

poker, and video games.

Alexandra Sobin will be entering her senior year at Daniel Webster College and is enrolled in Aeronautical Engineering, pursuing a Bachelors Degree. She currently is the teacher's assistant for Engineering Design I & II classes as well as the lead mentor for the freshman engineering class. She is a member of the Institute of Aeronautics and Astronautics (AIAA) and has participated for the past two years in the Design Build Fly Competition which AIAA annually host. She has presented the paper *Online Working Drawing Review and Assessment* at two ASEE conferences. She plans on pursuing a Masters Degree in Aeronautical Engineering and working towards a career in aircraft design. In her spare time, she enjoys outdoor activities such as camping and kayaking.

