



Ms. Foley is a Project Manager with 14 years experience in the management of structural engineering, construction and public relations projects. Her experience has focused on project management of structural engineering research projects, building construction, web-based software development, marketing, education and public involvement programs.

PROJECT EXPERIENCE

August 2005–Present: Georgia Institute of Technology PhD Candidate with emphasis on project management of research projects in the mechanics and materials of structural engineering:

- Natural Frequencies of Structural Vibrations—effects of natural disasters, e.g. earthquakes, hurricanes, tornadoes and flooding on civil engineering structures.
- Use of Bio-based Materials in Building Construction—physical, mechanical and chemical benefits of using natural fibers in highways, bridges and buildings.
- Intelligent Transportation Systems (ITS) – research, development and implementation of ITS on Florida highways I-10, I-75 and I-95 in cooperation with Florida Department of Transportation and Florida Highway Patrol
- Nanoindentation – Exploration in the scale between isolated atomic (quantum mechanics) and bulk (classic mechanics) on the structural, mechanical, physical, biological and chemical in properties of alternative Construction Materials.

May 2002–Present: Self Employed. Project leader in city and county wide storm water management programs. Produce impervious parcels measurements with GIS mappings for data collection, evaluation and manipulation in the development of hierarchical storm water impacts for industrial, commercial, residential and tax-free sections to be merged with utility charges..

March 2000–August 2002: Jacksonville Zoo and Gardens, Jacksonville, FL. Project management in physical preparation of special events and programs. Involved in design and construction of animal enclosure/exhibits and children’s recreational facilities and events.

January 1997–March 2000: Self Employed: Project management in development of Internet-based software applications and education tools for the medical, scientific and engineering communities.

February 1993–January 1997: Preferred Systems, Inc. Marketing development for software engineering networking tools.