



National Science Foundation
Directorate for Education and Human Resources
Division of Graduate Education
4201 Wilson Boulevard, Arlington, Virginia 22230



Congratulations to RAPIDS Student Aaron M. Costin!



Aaron Costin has been selected to receive a 2012 National Science Foundation (NSF) Graduate Research Fellowship Program (GRFP) Fellowship. His selection was based on his outstanding abilities and accomplishments, as well as his potential to contribute to strengthening the vitality of the US science and engineering enterprise. He will be pursuing his Ph.D. in the fall of 2012, with an expected graduation year of 2015. His dissertation topic will be related to indoor localization and navigational algorithms utilizing passive Radio Frequency Identification (RFID).

Success in this project will significantly change the way that today's facilities management operates. It provides new perspectives in both productivity and safety that contribute to a more educated and competitive U.S. engineering workforce. This research can extend to the *fire and rescue and hospital* community because it offers an invaluable tool for saving lives in an event of an emergency, even if there were to be a power outage. Existing collaborations and partnerships with industry, experts, and fellow researchers among various universities, will ensure the long-term viability of his research project. The results of the project will have a broad impact on education, from high school outreaches to undergraduate internships that allow for a hands-on experience of the tools, technologies, and equipment developed in this research. Results and representative data sets will also be published on a website and otherwise disseminated through refereed publications and conferences.