



Notable Achievements

- Mark Riggan (GAIT, Thesis Option, '09) was the May/June 2008 winner of the *Layers* magazine Back Page Design Contest. His winning entry can be viewed at: <http://www.layersmagazine.com/designcontest-winners.html>
- Erica Porras (Appropriate Technology, '09) led a student team that won first-round funding in the EPA P3 competition in May 2008, for their project "Closing the Carbon Loop: Growing Algae Using Sustainable Carbon Sources."
- Joe Smith (Appropriate Technology, '08) is working at the National Wind Technology Center, part of the National Renewable Energy Lab (NREL), in Boulder, Colorado.
- Rick Mitts (Technology Education, '07) had his article "Gender Preferences in Technology Student Association Competitions" published in the Spring 2008 issue of the *Journal of Technology Education*.

Graduate students are encouraged to participate in a variety of activities designed to expand their professional "network." These activities include a weekly graduate seminar, attendance at conferences and workshops, and leadership roles across campus and beyond. Graduate students have served as lead investigators in renewable energy research and outreach projects, as research assistants in a host of funded projects, as project managers in service efforts such as Habitat for Humanity, and as leaders of educational initiatives in schools.

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GRADUATE MASTER'S PROGRAMS IN TECHNOLOGY

The graduate degree programs within the Department of Technology are designed to provide advanced education, research opportunities, and professional development in selected technical areas.

MASTER OF SCIENCE IN TECHNOLOGY

This degree offers concentrations in:

- *Appropriate Technology*
Focuses on sustainable technologies, with an emphasis on renewable energy and energy efficiency. The program is widely recognized for the contributions made by faculty and students in the arena of energy studies and sustainable applications of technology.
- *Building Science*
Focuses on developing construction management expertise, and is also recognized for its emphasis on energy efficient building design, construction, and testing, as well as use of alternative building materials.
- *Graphic Arts & Imaging Technology*
Develops advanced knowledge of the printing industry, with an emphasis on new media and new developments within the printing industry, including advancements in computer imaging technologies.
- *Building Energy Engineering*
Designed for individuals with an engineering or science background interested in a program with a strong technical emphasis on design and construction of buildings and systems for energy efficiency and healthy indoor air quality.
- *Renewable Energy Engineering*
Designed for individuals with an engineering or science background interested in a program with a strong technical emphasis on renewable energy system design, monitoring, and analysis.

MASTER OF ARTS IN TECHNOLOGY EDUCATION

This degree offers concentrations in:

- *Secondary School Teaching*
Designed for individuals who are currently teaching at the K-12 level. Focuses on advancing teaching skills, and prepares teachers to pursue National Board Certification.
- *Community College Teaching*
Focuses on the adult learner, and prepares individuals to teach technical subjects at the 2-year college level or to go on for a doctoral degree.

