

Katherine M. Manchester

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PROFESSIONAL

OBJECTIVE: Work in the fields of civil and environmental engineering.

EDUCATION:

- B.S. Civil and Environmental Engineering student at the University of Rhode Island at Kingston, minor in Water & Soil Science. Expected graduation May, 2005
- QGPA 3.284 out of 4.000

SKILLS:

COMPUTER SKILLS

- ArcView 3.2, ArcGIS 9
- AutoCAD 2000, R14, LT
- WaterCAD, FlowMaster
- Paint Shop Pro 4, 8; Adobe Photoshop; Adobe Illustrator.
- Macromedia Dreamweaver 3 and 4
- Microsoft Word, PowerPoint, Excel

INTERPERSONAL COMMUNICATION SKILLS

- Developed while serving at part of a team providing GIS technical support to town officials and decision-makers about water resource in their town.

EMPLOYMENT

EXPERIENCE: STUDENT INTERN

URI Cooperative Extension Water Quality Program January 2001 – present.
Includes: creation of methodology for analyzing RIDOH well data results for a nationally funded program, maintain office website, preparation of information for septic system workshops, and provide information and technical support for public outreach and education.

SUMMER INTERN/FALL COOP STUDENT May 2004 – present

Rhode Island Department of Transportation, Environmental Division
Included: GPS mapping of stormwater outfalls for RIPDES Phase II, reviewing plans, construction site inspections, and general office duties.

UNDERGRADUATE RESEARCH ASSISTANT

URI Department of Civil and Environmental Engineering November 2003 – May 2004.
Included: locating topic-related articles, literature summaries, and editing.

ACTIVITIES: Down to Earth, Up to Us- Green Energy Coordinator and Vice-President

S.M.I.L.E. Program Volunteer 2002, 2003
URI Soil Judging Team 2003-2004, 2004 – 2005
American Tribal Style Dance, 2002 - present

HONORS:

National Wildlife Federation Campus Ecology Fellow, 2002-2003
Chi Epsilon, inducted 2002, URI Chapter #111
URI Coastal Fellow 2001, 2002
Dean's List – Spring Semester, 2003; Fall Semester 2004, Spring Semester 2004
R.M. Grossman Scholarship Recipient, Spring 2004, Fall 2004
Gene Bucci Family Scholarship Recipient, Spring 2004
University Grant, recipient since Spring 2002
Vermont State Scholarship, recipient since Fall 2000

PUBLICATIONS:

Hickey, Patricia, Lorraine Joubert and Kaytee Manchester (2003). *Block Island Source Water Assessment Technical Documentation*. University of Rhode Island Cooperative Extension.