

## Jessica M. Strane

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Neenah, WI 54956  
(920)722-7395

### Education:

- Attending Michigan Technological University as a junior in environmental engineering, G.P.A. 3.82
- Spanish Minor- Michigan Technological University

### Skills:

- Computer: Excel and Star Office, Unix systems, Microsoft Works, Word, basic MathCAD, IDEAS, and MATLAB
- Laboratory: Experience with conductivity meters, pH probes, Dissolved Organic Carbon and nitrogen detecting instruments, and general lab skills

### Activities:

- Play on the MTU Women's Soccer Club team
- Treasurer of the MTU Women's Soccer Club
- Play on house broomball team in the dormitory hall broomball league
- Working member of Research Scholars (RS) and member of the Programs Committee for the incoming freshman in RS

### Current Employment:

- Noblet Forestry Building, research project under Andy Burton and Jennifer Ashby, Michigan Gradient Study; preparing rainwater and lysimeter samples for analyzation on dissolved organic carbon and nitrogen detecting instruments
- PICO-NARE (Pico International Chemical Observatory- North Atlantic Regional Experiment) research project under Chris Owen and Richard Honrath, analyzing incoming data from a remote sensing station for error, analyzing back-trajectories of air-masses for source region and altitude

### Employment-Summer 2004:

- River Valley Testing Corp.- worked mainly at the Fox Energy Center fuel oil/natural gas power plant construction site in Kaukauna, WI performing soil compaction tests and concrete cylinder breaks; radioactive density/moisture gauge certification

(For references see second page.)

References:

- George E. Barker, PE- President River Valley Testing Corp.:  
contact: phone number (920)886-1406  
e-mail: gbarker@rvtcorp.com
- Andy Burton- Professor, Michigan Tech forestry department:  
contact: phone number (906)487-2566  
e-mail: ajburton@mtu.edu
- Jennifer Eikenberry- Graduate student, Michigan Tech forestry department  
contact: phone number (906)487-1774
- Robert Chris Owen- PhD candidate, Michigan Tech Environmental  
Engineering department  
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