

Jill N. Barbour

65 Isle Royale St. Apt. 22 • Houghton, MI 49931 • 906.281.0395 • jnbarbou@mtu.edu

Objective:

To obtain an entry-level position in the geological or petroleum engineering field

Education:

2002-2006 Michigan Technological University, Houghton, MI
B.S.E. in Geological Engineering
Minor in Geophysics
Departmental GPA: 3.58

Academic Honors:

Fall 2004 Dean's List
September 2002 – May 2006 Ted Rozsa Endowed Scholarship
September 2002 – May 2006 Board of Control Scholarship
September 2002 Women in Business Scholarship

Relevant Coursework:

Fluid Mechanics	Depositional Systems	Structural Geology I & II
Petrology	Drilling and Blasting	Rock and Mineral Resources
Geohydrology	Reflection Seismology	Economic Decision Analysis
Plate Tectonics	Applied Geophysics	Formation Eval./Petroleum Eng.

Field Courses:

Field Geology
Field Geophysics
Geology of Utah's Natl. Parks
Geology of Newfoundland

Aqua Terra Tech Enterprise: Ground water consulting enterprise
Responsibilities: perform seismic surveys in field to locate water tables, construct multi-use GIS maps, and lead field geophysics team in Boaco, Nicaragua (scheduled December, 2005).

Employment: All at Michigan Technical University, Houghton, MI (references available upon request)

Teaching Assistant, Natural Hazards Lab

September 2005 – present

Supervisors: Dr. Gregg Bluth

Responsibilities:

- generate lab work concerning GIS, instruct students how to use GIS
- grade homework, labs, and essays

Research and Preparation of Field Trip Guide Book of U.P. Geology

May 2005 – present

Supervisors: Dr. Wayne Pennington and Joan Chadde

Responsibilities:

- visit and research diverse geological areas in Michigan's Upper Peninsula
- produce field trip guide book for grade school teachers

Teaching Assistant, General Geology Lab

September 2004 – present

Supervisors: Dr. Theodore Bornhorst and Robert Barron

Responsibilities:

- teach geological concepts and grade lab work

Research Assistant, Environmental Magnetism

Spring 2004

Supervisors: Dr. Jimmy Diehl and Jaroslav Kadlec

Responsibilities:

- perform experiments using Super Conducting Rock Magnetometer
- record and manage experimental data

Involvement:

Geology Club, AAPG, SEG

September 2002 – present

Leadership:

- Geology Club President (present)
- AAPG Vice President (fall 2004 – spring 2005)

Alpha Xi Zeta Sorority

January 2003 – present

Leadership:

- Winter Carnival Chair (winter 2004 & 2005)
- Scholarship Chair (fall 2003 – spring 2005)
- Secretary (2004)

Geological Software:

ArcView GIS	SeisVision	GPS Pathfinder	Interactive Petrophysics
Seismic Unix	IX1D	Surfer 8	<i>various other geological software</i>