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BRUCE A SKUBON, JR.

PROFILE

Seeking a professional career in the geology field. Obtaining Master's degree in geology with emphasis in hydrogeology and the use of GIS in groundwater quality. Undergraduate degree in Environmental Science. Interned at a leading environmental firm where the basics of consulting work was learned. Work experience includes being a lab technician, field assistant and teaching assistant. Also planned and conducted workshop in GIS groundwater database management.

EDUCATION

2002 – present The University of Toledo Toledo, OH
Master's Degree Candidate in geology, emphasis in hydrogeology
Department of Earth, Ecological and Environmental Sciences

- Thesis title: Groundwater quality and GIS investigation of a shallow sand aquifer, oak openings region, northwest Ohio
- Advisor: James M. Martin-Hayden
- Current cumulative GPA: 3.83

Summer 2003 Geology Field Camp Spearfish, SD
Completion of intensive field geology course

- Taken through The University of Toledo, Toledo OH

1998 – 2002 The University of Toledo Toledo, OH
B.S. in environmental science, focus in geology
Department of Earth, Ecological and Environmental Sciences

- Cumulative GPA: 3.02

WORK EXPERIENCE

2004 – 2005 The University of Toledo Toledo, OH
Lab Technician / Field Assistant

- Cored sediment from bottom frozen lakes in Thunder Bay, ON and North-Central MN with modified Livingston coring unit
- Described cores, sampled for microfossils to date and use as proxies for deglaciation
- Performed Loss-On-Ignition (LOI), and magnetic susceptibility measurements

2002 – 2004 The University of Toledo Toledo, OH
Teaching Assistant, Co-head TA
Department of Earth, Ecological and Environmental Sciences

- Taught Intro to Geology Labs
- Prepared lab materials and lectures, graded exams, assisted students

Summer 2002 Hull & Associates Toledo, OH
Internship at Environmental Consulting Company

- Performed Phase I Environmental Site Assessments
- Worked on landfill monitoring data, creating potentiometric surface maps
- Field experience with Geoprobe and soil sampling

Summer 1999, 2000 National City Bank Middleburg Hts., OH
Customer Service Representative

- Cashed checks, accepted deposits and loan payments, and processed withdrawals

TEACHING EXPERIENCE

June 2005 Fulton County Health Dept. Wauseon, OH
GIS Consulting

- Conducted a two day GIS groundwater database management workshop for local Health Department
- Instructed officials on how to use ArcGIS 8.3 for groundwater quality data
- Taught basics of ArcGIS desktop functionality

2002 – 2004 The University of Toledo Toledo, OH
Teaching Assistant, Co-head TA
Department of Earth, Ecological and Environmental Sciences

- Taught Intro to Geology Lab for 7 semesters
- Assisted professor in Engineering Geology class

Summer 2003, 2004 The University of Toledo Toledo, OH
Teaching Assistant for High School Science Camp

- Assisted for week long science camp for High School students in environmental science
- Conducted groundwater study with mock spill, fossil collecting, tree identification, and field trip along Maumee River in NW Ohio

PUBLICATIONS AND PRESENTATIONS

Skubon, B.A., Martin-Hayden, J.M., 2005. Groundwater Quality and GIS Investigation of a Shallow Sand Aquifer, Oak Openings Region, Northwest Ohio. Geological Society of America North Central Meeting, Minneapolis, Minnesota. May 19 20, Abstracts with Programs Vol. 37 (5). V. *Poster*

Stierman, D J., Mitchell, B.D., **Skubon, B.A.**, Krantz, D,E, Jol, H.M. and Fisher, T.G., 2005. Geophysical and GIS Investigations of the Oak Openings Sand Ridge in NW Ohio. Geological Society of America North Central Meeting, Minneapolis, Minnesota. May 19 20, Abstracts with Programs Vol. 37 (5). V. *Poster*

Skubon, B.A., Mitchell, B.D., 2005. Geophysical and GIS Investigations of the Oak Openings Sand Ridge in NW Ohio. Sigma Xi Student Research Symposium, Toledo, Ohio. April 16. *Poster*

Skubon, B.A., Mitchell, B.D., 2005. A New Look into the Depositional Environment of the Oak Openings Sand Ridge. Oak Openings Research Forum, Toledo, Ohio. January 28. *Presentation*

Skubon, B.A., 2005. Origin of the Oak Openings Sand Ridge in Northwest Ohio: A New Look. Oak Openings Research Forum, Toledo, Ohio. January 28. *Poster*

PROFESSIONAL MEMBERSHIPS

Geological Society of America (GSA), Student member
National Ground Water Association (NGWA), Student member
International Association of Hydrogeologists (IAH), Student member

AWARDS RECEIVED

Eagle Scout Rank, Boy Scouts of America (BSA)
Sigma Gamma Epsilon, National Honors Society for Earth Sciences

SKILLS AND ACTIVITIES

Proficient with the following software: ArcView 3.2, ArcGIS 8.x, MS Word, MS Excel, MS PowerPoint, MS Access, Adobe Photoshop, Adobe Illustrator, Macromedia Freehand, Surfer 8.0, Global Mapper

VBA programming experience in MS Excel and ArcGIS 8.x

Experience with different coring machines including Geoprobe, vibracore, and a modified Livingston coring unit.

Knowledge with a Magnetic Susceptibility Meter Model MS2, and Mastersizer 2000 particle size analyzer.

Judge in Northwest Ohio District 2 Science Day, Science Fair (2004, 2005)

Participant in National Ground Water Association annual meeting in Las Vegas, NV., North-Central GSA meeting in Minneapolis, MN.