GEOLOGY DEPARTMENT NEWS FOR MAJORS
Volume 33, Number 16

Do you want to work in a National Park?? Please see the link below.

http://rock.geosociety.org/g_corps/index_gip.htm

Neville Public Museum Geology Club Scholarship

Each year, the Neville Public Museum Geology Club of Green Bay awards a $300 scholarship to a deserving Northeast Wisconsin college junior or senior who is studying in the field of Geology or the Earth Sciences. Attendance of summer field camp is desirable, but not required to receive the scholarship. For application please click link above. The deadline is April 1, 2016.

Project Scientist

True North Consultants is a multidisciplinary consulting and engineering firm dedicated to providing our clients with sustainable site development and resource management solutions. With corporate headquarters located in Naperville, Illinois and a second office located in Madison, Wisconsin, True North serves the environmental management, land development and public infrastructure needs of clients both locally and nationally.

RESPONSIBILITIES AND DUTIES:
True North is seeking a detail oriented, organized, personable, and dependable candidate to fill a Project Scientist (Geologist, Hydrogeologist, Environmental Geologist, Geological Engineer, Soils Engineer, Geotechnical Engineer, Soil Scientist, etc.) position, in our Madison, Wisconsin office, to support company expansion, under the direct supervision of the Madison Office Manager. The full-time position will support all company operations with the following:

- Performing Phase 1 Environmental Site Assessments under the supervision of an Environmental Professional.
- Performing Phase 2 Environmental Site Assessments including soil, groundwater, and vapor sampling.
- Oversee various field activities including drilling of soil borings, installation of groundwater monitoring wells, and excavation of contaminated soils/material.
- Perform installation of sub-slab vapor sampling ports, collecting groundwater samples from monitoring wells, collecting soil samples from borings and excavations, and other field tasks.
- Analyze data and prepare reports in accordance with Company standards.
- Provide support to project managers and engineers for environmental assessments (Phase I and Phase II), remediation projects (UST and soil removal) and field sampling programs.

JOB REQUIREMENTS:
- Education: BA/BS in Science Related Discipline
- Years of Experience: 0-2 Years
- Location: This position would be based out of the Madison, Wisconsin office and requires travel and field work throughout Wisconsin with occasional travel out-of-state
- Overnight stays and/or weekend work may be required periodically
- Strong proficiency in the use of Microsoft Office (Word, Excel, PowerPoint, Outlook)
- Good organizational, time management, and communications skills required
- Professional Licenses/Certifications Preferred But Not Required: OSHA 40 Hour HAZWOPER, Wisconsin Asbestos Inspector certification
- Familiarity with WDNR regulations (specifically NR100, NR500, NR700 series) and ASTM E1527-13 and/or EPA’s All Appropriate Inquiry (AAI) Rule
- This position requires a valid driver's license
- Medical approval by the Company's appointed physician, after employment is accepted,
prior to the first day of work

True North offers competitive benefits inclusive of 401(k), health insurance, bonus incentive programs and PTO. Salary commensurate with experience. True North is an equal opportunity/affirmative action employer.

Please respond with resume to: Michelle Schmidt, mschmidt@consulttruenorth.com and Chris Valcheff, cvalcheff@consulttruenorth.com.

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**Entry-Level GIS Analyst with Natural Resources Technology in Milwaukee**

Natural Resources Technology seeks to fill an entry-level position for a GIS analyst in its Milwaukee office. For more information and an application go to: https://naturalrt.applicantpro.com/jobs/

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**SIGMA GAMMA EPSILON (SGE)**

**Purpose and Objectives:**
The Society of Sigma Gamma Epsilon was established to recognize scholarship and professionalism in the Earth Sciences. It has for its objectives the scholastic, scientific, and professional advancement of its members and the extension of relations of friendship and assistance among colleges and universities which are devoted to the advancement of the Earth Sciences.

**Requires:**
- 3.0 GPA in Earth Science courses
- 2.67 GPA overall
- At least 10 semester hours in Earth Science courses completed

**Fees:**
- New members pay a one-time $25 new initiate fee and the $15 annual fee
- Renewing members pay the $15 annual fee

Members can list this membership on their resumes and can attend Geological Society of America meetings at member rates.

For more information contact Tim Paulsen or see: http://www.sigmagammaepsilon.com/index_files/Page375.htm

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**UNDERGRADUATE RESEARCH GRANTS**

The Department of Geology is pleased to announce its annual competition for undergraduate research grants. These funds are available thanks to the C.W. Fetter Endowed Research Fund, established through gifts from Dr. Fetter, emeritus faculty members, alumni, current faculty members, and friends. To qualify for one of these awards, which will average $200 to $600, a student must have submitted a research grant proposal to one or more of several undergraduate research funding sources. These grant opportunities were announced earlier in the academic year and include GSA, Sigma Xi, and UW Oshkosh (see links below for details). The proposal must have been written by the student, not the student’s research collaborator on the faculty. To be considered for a Geology Research Grant, the student should submit to the Department Chair a copy of the research proposal that was submitted to one of the above sources along with a cover letter that explains how much
funding has already been received and from what sources. **This year’s deadline for submission is March 25, 2016.** Proposals will be judged based upon their scientific merit, the proposer’s academic background, and the budget justification.

FYI: Places to apply for undergraduate research grants:

**Geological Society of America (GSA):** [http://www.geosociety.org/grants/ncgrant.htm#research](http://www.geosociety.org/grants/ncgrant.htm#research)

**Sigma Xi:** [https://www.sigmaxi.org/programs/grants-in-aid](https://www.sigmaxi.org/programs/grants-in-aid)

**UW Oshkosh: Undergraduate Student/Faculty Collaborative Research Grants:** [https://plonedev.uwosh.edu/collab](https://plonedev.uwosh.edu/collab)

**Undergraduate Student/Faculty Collaborative Research Small Grants:** [https://plonedev.uwosh.edu/collab](https://plonedev.uwosh.edu/collab)

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**Environmental Consulting Positions and Internships Are Available Now with Geosyntec Consultants**

**Geosyntec Consultants is hiring in their Great Lakes Offices** (Chicago, Oak Brook, Milwaukee, Ann Arbor, and St. Louis). Please forward this email to your graduating students and students interested in internships. Since 1983, Geosyntec's scientists and engineers have provided our public and private clients with consulting and design services in the areas of environmental, geotechnical, and water resources engineering. An employee-owned firm, we are recognized nationally for our practice leadership, client service, and innovation. Our professionals continue to develop new technology applications and capabilities, and our applied research partnerships help define the cutting edge for all of our practice areas. We strive to provide a stimulating, progressive, and friendly work environment that will enable our staff to develop their careers as they provide the best possible service and value to our clients. Our practice areas include the following:

- Site Assessment and Remediation
- Environmental Risk Assessment
- Environmental Management
- Industrial Wastewater Treatment
- Water Resources Supply
- Landfill Design
- Geotechnical Infrastructure/Foundations
- Stormwater Management
- Erosion and Sediment Control
- NEPA Studies and Compliance
- Water Quality Studies and Permitting
- Data Management/GIS

If you are interested in applying please send me a copy of your current resume along with three professional references. For more information about Geosyntec go to [http://geosyntec.com/UI/Default.aspx](http://geosyntec.com/UI/Default.aspx)
SPEAKER SERIES

Refreshments will be served at 4 p.m. All dates are Thursday; talks will begin at 4:10 p.m. and are held in Harrington Hall Room 217, 845 Elmwood Avenue, Oshkosh WI, unless noted otherwise.

THURSDAY, March 3, 2016
Bruce Brown; Badger Mining, formerly WGNHS
Topic: "Discussing the Frac sand industry in Wisconsin"

THURSDAY, March 17, 2016
Tentative: AAPG Speaker: Larry Garmezy

Abstract: Play-Based Exploration: Applying Depth and Breadth of Geoscience Understanding.

THURSDAY, April 7, 2016
Tenley Banik, Assistant Professor of Geology, Illinois State University

Tentative Title: Elucidating Copper mineralization trends in a mid-Jurassic magmatic system

Dr. Banik’s research applies zircon geochemistry and U-Pb geochronology to study the development of porphyry copper- type mineral deposits, which are the main global source for copper and a major source of other base metals. Dr. Banik will discuss her research in a particular system of mineralization in the basin and range region of southern Nevada.

THURSDAY, April 21, 2016
Steve Leavitt; University of Arizona
Topic: “Tree Ring Data”

"Global Change in the Great Lakes Region 14,000 to 6,000 from the Annals of Ancient Wood"
TUTORING

TUTORING FOR STUDENTS IN 100-LEVEL GEOLOGY COURSES IS AVAILABLE AT THE FOLLOWING TIMES IN HARRINGTON 114.

Monday -- 5:30PM - 7:30PM –
Tuesday -- 5:30PM - 7:30PM –
Wednesday -- 5:30PM - 7:30PM –

Tutors: Tucker Clark, Charlie Bills, Jennifer McLeod

Back-up Tutor: Justin Hauman

FOR THE SPRING ‘16 SEMESTER, HARRINGTON HALL WILL BE OPEN ON SATURDAYS AND SUNDAYS FROM 1:00 TO 3:00 P.M. PLEASE PUT YOUR NAME ON THE SIGN UP SHEET OUTSIDE H118 IF YOU PLAN ON COMING.

***ENTER THROUGH THE FRONT DOOR ON ELMWOOD AVENUE***

YOU MUST HAVE A CURRENT AFTER-HOURS BUILDING PASS (GOOD FOR ONE ACADEMIC YEAR) TO BE ADMITTED TO THE BUILDING.

SEE COURTNEY IN THE GEOLOGY OFFICE, ROOM 215.