Please read these issues of the Geology Newsletter carefully. They often contain information about scholarships, internships and research grants that you should take full advantage of. It also contains lots of other important dates and useful information. Also see our Advising Web page on the UW Oshkosh Geology website for department advising and other important geology information. Mark your calendars for the fall geology majors/minors information meeting October 6. If Courtney doesn't have your photo in our display case, come in (Harrington 215) and she will take one, or she will find you.

**GEOLOGY CLUB!**  
Do you want to hang out with awesome fellow geology majors, go on adventures, and meet professionals in a variety of geology fields? The Geology Club supports fun activities that happen at Harrington. We meet most Thursdays in Harrington 217 at 4:10pm. We have visiting professors and professional geologists give talks about their research. Membership meetings also occur a few times each semester. Membership dues are $5 per year. New majors, feel free to drop by the lounge (H118) to talk with club officers or old majors for more info.

**GEOLOGY CLUB OFFICERS 2016-2017**

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<tr>
<th>Position</th>
<th>Name</th>
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<tr>
<td>President</td>
<td>Tucker Clark</td>
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<td>Vice President</td>
<td>Jordan Foote</td>
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<td>Secretary</td>
<td>Ali Wiemer</td>
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<td>Treasurer</td>
<td>Monica Preston</td>
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<tr>
<td>Event Coordinator</td>
<td>Kaylin Felix &amp; Leslie Bychinski</td>
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<tr>
<td>Faculty Advisor</td>
<td>Maureen Muldoon</td>
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**IMPORTANT DATES TO NOTE:**

** September 22, 2016 New Majors Meeting; Student Lounge; 4:10 pm ** ** FREE PIZZA**

** October 6, 2016 Majors Meeting; Harrington Hall Room 217; 4:10 pm ** ** FREE PIZZA**

**Graduating in Spring or Summer, 2017?**  
If you will be graduating in Spring or Summer, 2017, you must register for graduation this semester. The application must be completed online. Go to the web page of the Registrar's Office (http://www.uwosh.edu/registrar/for-students/graduation) and click on "How to use TitanWeb Application." Follow the instructions.

**Positions Available**

**Scientist I (Entry-level Geologist)**

National Security Technologies, LLC (NSTec), manages and operates the Nevada National Security Site (NNSS) in support of national defense as well as research and development programs for the U. S. Department of Energy’s (DOE) National Nuclear Security Administration. The NNSS hosts an array of defense and national security experiments for the DOE National Laboratories, as well as
The NNSS is a large (approx. 1,375 mi²) outdoor national security laboratory located approximately 65 miles northwest of Las Vegas, Nevada. The site lies within the Basin and Range physiographic and Great Basin hydrographic provinces, and straddles the Mojave and Great Basin ecological transition zone. Ground elevations range from 2,700 feet to over 7,600 feet. The geology of the NNSS is diverse and complex. More than 40,000 feet of rock section spanning more than 550 million years is represented at the site including Precambrian and Paleozoic carbonate and siliciclastic rocks, Mesozoic granitic rocks, and Cenozoic volcanic rocks and alluvial basin-filling sediments. The central caldera cluster of the southwestern Nevada volcanic field occupies the western portion of the NNSS, and provides world-class examples of resurgent caldera volcanism. Tectonism at the site includes late Paleozoic folding and thrusting, Miocene volcanic tectonism, and late Miocene to recent basin-and-range extension.

The position is an excellent opportunity for an entry-level or early-career geologist to gain a variety of professional geologic experience while supporting important national security missions and projects.

Responsibilities
Candidate will provide geologic support to a variety of national security-related research and development projects executed in the Counter Terrorism Division (CTD), Global Security Directorate, which will entail working in field, laboratory, and office settings. Field work includes geologic mapping on the surface and in underground facilities, support of surface and underground drilling and coring operations, and other field sampling and experimental support. Laboratory activities include visual and microscopic examination of drill cuttings, core, and geophysical logs for physical properties, lithologic descriptions, and stratigraphic determinations. Office activities include report writing, database construction and management, and 3-D geologic modeling. Work typically involves collaborations with diverse groups of scientists from the DOE National Laboratories, so the ability to work in a team environment, be project goal-oriented, and communicate effectively are required. The complexity of the NNSS geology and the wide range of support functions of the position requires an enthusiasm for continual learning of basic to advanced geologic concepts and professional geologic methods, as well as learning the geology of the NNSS. The principal work location is at the NNSS. The work schedule is typically 7:00 a.m. to 5:30 p.m. Monday through Thursday, however, weekend and after-hours work are sometimes required.

Accept individual responsibility and accountability for environment, safety, health, and quality processes within personal control, personal safety, and the safety of co-workers. Comply with established regulations and procedures for environment, safety, health, and quality and perform duties in a way that will not cause personal danger, endanger other individuals, or violate environment, safety, health, and quality regulations. Promptly correct or report any hazard or potential hazard to supervision. Understand the principles associated with the NSTec safety concept. Participate in and embrace NSTec environment, safety, health, and quality initiatives.

Qualifications
Bachelor's degree in Geology. Ability to work both independently and in teams. Effective interpersonal skills to communicate with coworkers, customers, and management/supervisors. Ability to follow oral and written instructions and established procedures, and execute assignments within required period. Excellent oral and written communication skills are required. Must be able to use computer software including MS Office and Outlook applications.

If your qualifications match our requirements, e-mail your resume to ntrresumes@nv.doe.gov, reference ad#172-16. EO/E/M/F/V/D.

Department of Energy Q Clearance (position will be cleared to this level). Reviews and tests for the absence of any illegal drug as defined in 10 CFR Part 707.4, "Workplace Substance Abuse Programs at DOE Sites," will be conducted. Applicant selected will be subject to a Federal background investigation, and subsequent reinvestigations, and must meet the eligibility requirements for access to classified matter. Successful completion of a counterintelligence evaluation, which may include a counterintelligence-scope polygraph examination, may also be required. Reference 10 CFR Part 709, "Counterintelligence Evaluation Program."

Eligibility Requirements – To obtain a clearance, an individual must be a U.S. citizen at least 18 years of age. Reference DOE Order 472.2, "Personnel Security."

Managed and operated by National Security Technologies, LLC

Scientist II (Geologic Modeler)
National Security Technologies, LLC (NSTec), manages and operates the Nevada National Security Site (NNSS) in support of national defense as well as research and development programs for the U.S. Department of Energy (DOE) National Nuclear Security Administration. The NNSS hosts an array of defense and national security experiments for the DOE National Laboratories, as well as supporting homeland security, non-proliferation testing and treaty verification training, radiological detection and first responder training.

The NNSS is a large (approx. 1,375 mi²) outdoor national security laboratory located approximately 65 miles northwest of Las Vegas,
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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TUTORING

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

Monday -- 5:30PM - 7:30PM – Leslie Bychinski
Tuesday -- 5:30PM - 7:30PM – Tucker Clark
Wednesday -- 5:30PM - 7:30PM – Jen Mcleod

Tutors: Tucker Clark, Leslie Bychinski, Jen Mcleod

Back-up Tutor: Justin Hauman

FOR THE FALL '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.