**** IMPORTANT DATES TO NOTE****

WED, JAN 18, 2017 – DEADLINE TO REGISTER FOR THE ASBOG FUNDAMENTALS OF GEOLOGY EXAMINATION

The Minnesota Ground Water Association (MGWA) and MGWA Foundation are excited to announce the annual MGWA Student Scholarship! There is a $1000 scholarship for undergraduate students and a $1000 scholarship for graduate students majoring in hydrogeology, groundwater hydrology, or similar programs at an accredited college or university in Minnesota or an adjoining state or province. The goal of this scholarship is to alleviate a portion of the educational costs of qualified students, while also increasing their interest in the professions of hydrogeology, groundwater geology, and related programs.

The application form and additional information can be found on the MGWA website at: http://www.mgwa.org/foundation/funding.php

The application deadline is January 20, 2017. Contact Stephanie.souter@co.washington.mn.us with questions about the scholarship or application process.

The NASA Planetary Geology and Geophysics Undergraduate Research Program (PGGURP) is accepting applications from students who are interested in exploring planetary science for 8 weeks this summer under the mentorship of a NASA-funded researcher.

See https://www.acsu.buffalo.edu/~tgregg/pggurp_homepage.html for more details and for the online application form. Applications are due on February 10, 2017.

Students who have completed at least one year of undergraduate studies and have not yet started a graduate program are eligible. Preference is given to US citizens and residents.

Please email PGGURP@buffalo.edu with any questions.

Position with Newmont Mining: Geologist, Underground Geology – Leeville, Nevada
Job Number: 161815
Description
Newmont, founded in 1921 is one of the largest mining companies in the world with operations in North America, South America, Australia, Indonesia, and Ghana. Newmont’s mining operations in Nevada include the Carlin trend located west of Elko; the Twin Creeks mine located north of Golconda; the Lone Tree complex near the town of Valmy; and the Phoenix mine located near Battle Mountain. Our newest project is Long Canyon nestled in the Pequop Mountains. Our properties boast the widest variety of processing methods, and include Open Pit and Underground. Our work culture embraces diversity, engages employees, fosters innovation, rewards high performance and develops great leaders.
Perform and/or supervise moderately complex geology/geophysics/geochemistry duties related to specific phases of larger projects (mine, development or exploration) or works independently on all aspects of smaller projects. Essential job duties include:

- Perform field sample preparation and shipping, as required
- Drill planning, core and RC chip logging, ore control, QAQC, and 3D modeling (a working knowledge of three dimensional modeling software such as Vulcan and Leapfrog is a plus)
- Construct maps and diagrams
- Consult with geologists as a technical team member
- Coordinate the activities of geologists, technicians, and contractors to achieve individual project goals
- Write comprehensive reports and presentations for review by senior management, joint venture partners and regulatory agencies
- Perform data entry and database management functions as necessary; familiar with standard computer programs (i.e. Word, Excel, etc.)
- Conduct peer reviews of all appropriate projects and programs
- Build experience in managing, mentoring, developing, and training junior geologists and ensure quality of work
- Collect, compile and analyze production, development and/or exploration data and results. Recommend, plan, schedule, implement, and track appropriate actions/programs
- Collect geochemical samples according to defined best practices, including collection and recording of field observations and supervision of contract samplers
- Perform geophysical activities essential to exploration, near-mine or in-mine programs in support of a project or mine team, including geophysical data acquisition and interpretation of geophysical data in conjunction with geological team members
- Design geochemical surveys to address exploration questions, including provisions for staffing, equipment, and quality control
- Duties may include budget estimation, submittal, and management - completing projects on budget and within planned time frames
- Participate in limited portions of exploration, development, and mine geology property reviews and acquisitions
- Demonstrate a strong commitment to safety and the environment and the ability to work safely on a daily basis
- Employees must comply with regulatory health and safety regulations, company policies and procedures and the Company's environmental compliance policy
- May be required to spend extended periods away from home base
- Be able to work in mines, project sites, and/or greenfield exploration environments where conditions may be primitive and/or harsh at times. (Primitive/Harsh equals surface or underground environments, hot to extreme cold, desert or tropical rain forest to tundra conditions, remote field camps, high mountain terrain, steep rough terrain, long distance and/or time to advanced medical care.)

The above duties and responsibilities are representative of the nature and level of work assigned and are not necessarily all-inclusive

**Qualifications**

- Bachelor of Science or M.S. degree in Geosciences or related field with knowledge of geological principles and 5-10 years of industry related experience in a mining or exploration environment and a strong commitment to safety in support of an underground mine operation.
- Duties require the application of scientific knowledge and theory with latitude for independent judgment and decisions. Geoscientists at this grade level must be able to complete the roles with minimal supervision

**Job:** Geology  
**Primary Location:** USA-NV-Carlin  
**Apply At:** [https://newmont.taleo.net/careersection/newmont+external/jobsearch.ftl?lang=en](https://newmont.taleo.net/careersection/newmont+external/jobsearch.ftl?lang=en)
REGISTER TO TAKE THE ASBOG FUNDAMENTALS OF GEOLOGY EXAMINATION

In order to become a licensed professional geologist, most states have an application process that includes taking two, nationally normed examinations administered by the National Association of Boards of Geology (ASBOG). Graduating seniors should take the first of these exams, Fundamentals of Geology, in March 2017. To register for taking the exam, you need to complete the application that can be found at this web page: http://dsps.wi.gov/Licenses-Permits/Geologist/GEOexams

The registration deadline is January 18, 2017.

Information about the exam is found on ASBOG’s web page: http://www.asbog.org/.

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 $700, a student must have submitted a research grant proposal to one or more of several undergraduate research funding sources. These grant opportunities 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 24, 2017. 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

Sigma Xi: https://www.sigmaxi.org/programs/grants-in-aid

UW Oshkosh: Undergraduate Student/Faculty Collaborative Research Grants: https://plonedev.uwosh.edu/collab
Undergraduate Student/Faculty Collaborative Research Small Grants: https://plonedev.uwosh.edu/collab
DEPARTMENT OF GEOLOGY - LAB TEACHING ASSISTANTS, TUTORS AND BUILDING MONITORS - SPRING 2017

The Geology Department is now accepting applications for the spring 2017 semester for the following positions:

Laboratory Teaching Assistants (T/As) for:
- Physical Geology
- Environmental Geology
- Evolution of the Earth
- Lithology
- Lab Set Up

Tutors (Mon. 5:30-7:30PM, Tues. 5:30-7:30PM, Wed. 5:30-7:30PM)
Building Monitors (Saturdays and Sundays from 1:00PM – 3PM) for the spring 2017 semester.

Even if you are currently employed in the department you need to complete an application as your interests and availability will change next semester.

The requirements for qualification as a T.A./Tutor are:

A) The student must be a major or a minor in the discipline to serve as a proctor in the Department's program.
B) The student must have completed at least 60 university credits with an accumulated GPA of at least 2.80. In addition, the student must have completed at least 15 credits (including core courses where applicable) toward his/her major or minor and must have at least a 3.00 grade point average in the courses offered by the major or minor department.
C) The student must have already completed the course for which he or she will proctor with at least a B grade. Alternatively, the student must have completed a higher level course covering the course material with at least a B grade.
D) Student must be able to TA and tutor all introductory geology courses: Physical Geology, Evolution of the Earth, and Environmental Geology. This means that as a TA or tutor, you will be prepared to answer questions or at least to know where to find answers in the textbook or lab manual.


NOTE: Students should visit the Financial Aid Office ASAP to find out if they are eligible for Work-Study. They are accepting applications NOW.

Funds are distributed to those who are eligible on a first come, first served basis. Students are encouraged to apply for Work-Study, as this will enable the Department to hire more students. Thank you!

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

Back-up Tutor:

FOR THE SPRING ’17 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.