GEOLOGY DEPARTMENT NEWS FOR MAJORS
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IMPORTANT DATES TO NOTE:

• GEOLOGY CLUB BANQUET: Saturday, APRIL 7, 2018. Tickets are available for purchase now in Harrington 215.
• CELEBRATION OF SCHOLARSHIP, APRIL 26, 2018. 11am-1pm Poster Session/4pm-5pm Awards Reception. Reeve Union

UPCOMING OPPORTUNITIES:

Position for a Summer Environmental Technician with OBG (O’Brien and Gere) in Milwaukee
OBG is advertising this position and you can apply at this link: https://workforcenow.adp.com/jobs/apply/posting.html?client=obg&jobId=233909&lang=en-US&source=CC3

Positions for Summer/Fall Intern and Hydrogeologist at Omni
Omni and Associates, an environmental consulting company in Appleton, is advertising a position for a summer/fall intern and another position for a hydrogeologist. Go to their web site to apply: https://omni.com/careers/

GeoTenerife’s Summer Programme is now open for applications.

Thanks to the success of previous years' programmes, we have a record number of placements available from June to September 2018.

The programme is run in association with the Canary Islands Volcanology Institute and includes:

- Geophysical survey for geothermal exploration
- Hydrogeochemical and soil CO2 efflux monitoring
- Volcano & Geothermal Seismic Research
- Diffuse CO2 degassing monitoring
- Hydrogeochemical and soil CO2 efflux monitoring
- Environmental monitoring (optical remote sensing)
- Environmental monitoring (CH4 emission from landfill)

The full range of skills students will learn on this programme is fully outlined on our website (http://geotenerife.com/summer-programme-info/), alongside video testimonials from previous candidates. All programmes are open to undergraduates or recent graduates of relevant subjects. You can follow their progress this summer on our Twitter feed, @GeoTenerife.

We are committed to widening access to our programmes, and we have two GeoTenerife scholarship places available for our summer programme (see http://geotenerife.com/scholarships/). You can follow the progress of our scholars this summer on our dedicated Twitter feed, @GeoTScholar.


We also have limited availability left for our week-long Volcano Monitoring or Surface Geothermal Exploration Field School in March 2018. For this programme, places are filled on a first come, first served basis (see http://geotenerife.com/field-school/). You can see what these students get up to by following @VolcanoCamp.
If you or someone you know would be interested in a part-time summer job or internship (open to current college students and post grads) with the **Missouri Department of Natural Resources**, please visit the following web page for a list of the available opportunities for the summer of 2018:

[www.dnr.mo.gov/hr/internships.htm](http://www.dnr.mo.gov/hr/internships.htm).

The application period for our Summer Professional Development Program concludes on **March 30th**, so you still have three weeks to submit your application, current resume, copy of your transcripts, and letter of recommendation.

Opportunities are available with the following programs: Water Protection Program, Air Pollution Control Program, Hazardous Waste Program, Solid Waste Management Program, Environmental Services Program, Water Resources Center, Missouri State Parks, and the Missouri Geological Survey. Position locations include Jefferson City, Kansas City, Macon, St. Louis, Springfield, Poplar Bluff, and Rolla.

Completed applications may be uploaded via the internship web page (see address above) or emailed directly to me at **tiffani.martin@dnr.mo.gov**.

If you have questions about the application process or any of the position descriptions, please feel free to contact me at **tiffani.martin@dnr.mo.gov** or 573-522-1503.

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**MINORS IN PHYSICS AND ASTRONOMY**

Hello,

The Department of Physics and Astronomy would like to make you aware of the minors we have to offer. We wanted to bring this to your attention now because if you want to complete the minor within a reasonable time, you will need to take the introductory physics courses early in your college career. This will allow you to spread out the physics courses to fit in with the courses needed for your geology major.

Some of you may be interested in a physics minor to supplement your geology major because in certain areas, the courses you would take in physics can supplement what you are learning in geology. Physics is the basis for modeling things like ocean currents and knowing electromagnetism for studying magnetic fields. For the physics minor, once you complete the two introductory (calculus-based) physics courses you would only need 13 more credits to complete the minor.

Some of you may be interested in an astronomy minor. Your interest could be a general one in learning more about the science of our universe, while others may have an interest in working in the astronomy field. For this minor, once you would complete the two introductory physics courses and an introduction to modern physics course, you would only need to take three more astronomy courses. Please note for the astronomy minor you do not have to take the calculus-based physics courses, but it is recommended you complete Calculus II.

Thank you for taking time to read this email. If you have any interest in extending your physics knowledge, we hope that you might consider taking either of the following courses after the introductory physics courses: PHYS 206 (Introduction to Modern Physics; introduces relativity and quantum mechanics) or PHYS 203 (Introduction to Astrophysics; basic introduction to astronomy methods, stars, and galaxies). These could be taken even if you are not planning on doing either of the minors.

Please feel free to email any questions to Dr. Barton Pritzl ([pritzlb@uwosh.edu](mailto:pritzlb@uwosh.edu)). Best of luck with the rest of your semester!

Regards,

Prof. Pritzl