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Uinta Mountains by Emily Kam

This edition of E-News was edited by Shawn Blaesing and Karen Fryer.
About E-News

AWG E-News is a monthly publication distributed the last week of each month.

How do I get my update included in the E-News?
Updates for E-News must be submitted to Enews@AWG.org by the 3rd Friday of the month.

How do I advertise in the E-News?
For information on advertising with AWG, please visit AWG.org/Advertise or email Ads@AWG.org.

How do I unsubscribe from the E-News?
Please email Office@AWG.org.

About AWG

The Association for Women Geoscientists (AWG) is devoted to enhancing the quality and level of participation of women in geosciences and introducing girls and young women to geoscience careers.

Our diverse interests and expertise cover the entire spectrum of geoscience disciplines and career paths, providing unexcelled networking and mentoring opportunities. AWG members are brought together by a common love of earth science and the desire to ensure rewarding opportunities for women in the geosciences.

Visit AWG.org to join!

Donate to AWG’s Chrysalis Endowment

The Chrysalis Endowment provides scholarships to women geoscientists who’ve had an interruption in their graduate studies. These women are goal-oriented problem solvers, and the Chrysalis Scholarship helps them finish their degrees and bring their skills to the workplace.

Click here to donate to the AWG Chrysalis Endowment.
Your donation is greatly appreciated!

AWG Chapters

US Chapters
Baylor University
Black Hills (SD Mines)
CSU, Northridge
DMV
Florida
Great Lakes
James Madison University
Laramide
Lone Star (Texas)
Los Angeles/Orange County
Minnesota
Montana
Nebraska Cornhuskers
New England
North Dakota
Northern Florida
Oklahoma City
Osage
OSU Cowgirls
Ozark HAWGs
Pacific Northwest
Penn State
Ragin’ Cajuns
Red Rock (Southern Utah University)
Salt Lake
San Diego State University
San Francisco Bay Area
Sierra
Southeastern Bluegrass
Sun City (El Paso)
Arizona Southern
University of California, Davis
University of Tennessee Martin
University of Wisconsin, Madison
Vanderbilt
William and Mary
Williston Basin Chapter

International Chapters
Calgary
Dalhousie University
Ireland
Mongolia
Patagonia
South East Asia
Recommended Reads
Suggested books, blogs, podcasts, and more from the AWG editorial team.

- A survey of how women geoscientists are faring at state surveys was conducted by the Kansas Geological Survey. You can check it out at http://www.kgs.ku.edu/Publications/OFR/2019/OFR19_20/index.html and please share it with women you know who are considering jobs and careers at state surveys.


AGI Announcement

AGI would like to share the first exciting installment of our work with IF/THEN®, an initiative of Lyda Hill Philanthropies. Advancing our Earth Science Week 2019 theme "Geoscience Is for Everyone," we are creating and distributing materials to promote the participation of women in STEM. AGI is using the inspirational stories of the leading women geoscientists recently named IF/THEN® Ambassadors to spark geoscience learning. This year’s Earth Science Week Toolkit, for example, included a profile of geoscientist and bestselling author Hope Jahren, which you can view at https://www.earthsciweek.org/ifthen/profiles/jahren/jahren-minibooklet.pdf.

AGI would like to remind you that December 3 is #GivingTuesday, a global day of giving fueled by the power of social media and collaboration. On this #GivingTuesday, we are raising money to support the next generation of outstanding women geoscientists. AGI’s Harriet Evelyn Wallace Scholarship grants two $5,000 awards every year to two women who are pursuing advanced degrees in the geosciences. On December 3, you can support future scholars by donating to the Wallace Scholarship Fund https://agi.networkforgood.com/projects/61386.
DON’T FORGET TO RENEW YOUR AWG MEMBERSHIP for 2020!


If you have any questions, need assistance or wish to renew by phone call the AWG office at 303-412-6219 or email to office@awg.org.

Chapter News

Baylor Chapter

Elisabeth Rau, chapter president, reports that the executive committee meets once a semester to plan out everything and then smaller meetings are held on an as needed basis. All the executive committee are students and are easy to communicate with. Last year we did a fundraising campaign focused on Baylor Geoscience Graduate School alumni and we were able to raise enough money to cover our chapter’s basic needs (Christmas party and food at meetings). Our membership is growing as we have added more new energetic graduate students to the program and we as the executive committee are excited to see their involvement.

Our big impact on our department is our His/Her (H/H) Stories. These occur on a monthly basis and coincide with our monthly meetings. For the H/H Stories we ask 2-4 student or faculty members to share a little bit about their individual story. The point of the talk is to discuss how outside factors impact where they are today. We strive to build community by knowing people not just by their area of study but as a person as well. This has resonated very well in the Department and has allowed for fruitful discussion. At the end of last year we started having H/H Story topics and will continue that this year (Mental health, navigating the workplace, etc.). (Photo Left—His/Her Story Sharing)

Outreach is very important to our chapter. We go to schools for career fairs as well as giving talks about the geologic history of Texas. Our club sees a lack of geology education in our local schools so in the upcoming year we plan to establish relationships with the local school districts and continue teaching about geology and potential careers. (Photo Right—Elisabeth Rau talks about the Geologic History of Texas to second graders in Allen, Tx.)
Brunton Award

The AWG Brunton Award promotes the future of field mapping and data acquisition for the upcoming generation of women geoscientists. The award will go to a female geoscience student at the senior level or in her early graduate studies who has been a summer intern, excelled at field camp, or performed field data collection that leads to a senior or graduate thesis. The award is funded by Brunton.

Awardees receive...
An engraved Brunton compass and a one-year AWG membership

Requirements
Performed field work as an essential component of a senior thesis, summer internship, field camp, graduate thesis or other type of field project

Have future plans to continue in the geosciences, with fieldwork as an integral part of graduate degree or career

Promote the fundamental value and need for field-based studies within the geoscience profession through project results, quality of work, and capabilities of applicant

Application
- Personal statement, including explanation of past and current field work experience (≤500 words) statement of future career goals as related to field work (≤150 words)
- Sample of past or ongoing field work, which may include a report, map, photos, and/or model based on collected data (≤500 words and not to exceed 4 pages including figures)
- Resume, including your physical mailing address (1–2 pages)
- Letter of recommendation from the primary field mentor

Send compiled (single PDF) application via email to office@awg.org. Please note ‘Brunton Award’ in the subject line. Letters of recommendation should be sent by the recommender.

Selection Committee
The selection committee consists of AWG members with varied and significant field experience who are committed to promoting field data acquisition methodologies among geoscience students, our future professional geoscientists.

Applications due December 15
Williams GeoAdventures

AWG Northern California San Andreas Fault Geology Field Trip September 10–17, 2020

Join us in a week-long field study of the remarkable geology along the North Coast of California from San Francisco to Mendocino. We will meet at Union Square in San Francisco on September 10th at 1:00 pm and end with a drop off at the San Francisco International Airport around 2:00 pm on September 17th. We will stay four nights at the Marin Headlands Hostel Annex and three nights at the Mendocino College Coastal Field Station in Point Arena. Transportation is by coach and driver.

The San Francisco Bay Area, wave cut platforms, rocky headlands and sea stacks, uplifted terraces, crashing waves, and wide sandy beaches are your outdoor classroom as you discover how the collision of ocean and land has shaped the region. There are numerous field stops and short hikes in the San Francisco Bay Area, Point Reyes, and the Sonoma and Mendocino Coast. Topics for discussion include the San Andreas Fault, coastal processes, Franciscan and Gualala Block rocks, folds and faults, plate tectonics, and California geologic history.

The trip cost is $1,900 per person ($1,840 for Williams GeoAdventures services and a $60 AWG trip registration fee). Trip participants must be current AWG members and are required to register first with AWG and pay the AWG registration fee. The trip cost includes the geology field trip and guiding services and geologic field guide, transport by coach and driver, accommodations for seven nights at the Marin Headlands Hostel and the Mendocino College Coastal Field Station, and the welcoming dinner in Sausalito. Not included in the trip cost is transportation to and from San Francisco and your home, all of the other meals, travel insurance (HIGHLY RECOMMENDED), and coach driver tip. Meals will be prepared by the group at our lodgings. Discounts are available for attendees who are willing to help coordinate the food, with student participants getting preference.

After you’ve registered with AWG, trip registration with Williams GeoAdventures will open on Monday, January 6, 2020 at 9am Pacific Time by contacting me by phone (707) 953-6979 and submitting a $500 deposit within 10 days, payable to Williams GeoAdventures, 101 Ross Street, #4, Cotati, CA 94931. The balance payment of $1,340 per person is due to Williams GeoAdventures by July 15, 2020.

Trip availability is on a first come, first served basis. The minimum number of trip participants is 16 and the maximum number is 22. Williams GeoAdventures will provide an online application and liability waiver for the trip participants to fill out in July 2020. Trip fees are non-refundable unless you and I are able to fill your space.

We are excited about sharing the beauty of the Northern California San Andreas with you. Please contact me via email or phone with any questions about this trip. I am looking forward to seeing you all on the California North Coast in September 2020!

Signed

Thomas R. Williams, Williams GeoAdventures

Email: geoteachtw@earthlink.net
Telephone (707) 953-6979

www.geology-adventures.com
Job Opportunity

The Incorporated Research Institutions for Seismology (IRIS) invites applications and nominations for the next President of the Consortium. The President is the public face of IRIS and represents the Consortium through leadership and management activities with the geosciences community, federal agencies, partners, and member institutions.

Founded in 1984 with support from the National Science Foundation (NSF), IRIS is a consortium of 125 U.S. universities dedicated to advancing research and education in seismology to understand our dynamic planet and to benefit society. IRIS programs contribute to new discoveries within our planet, natural hazard mitigation, national security, environmental monitoring, advances in geocomputation, networking and communications, and in building a scientifically and technologically proficient workforce. The IRIS membership comprises virtually all U.S. universities with research programs in seismology and includes a growing number of Educational Affiliates, U.S. Affiliates, and Foreign Affiliates. IRIS management is currently headquartered in Washington, DC, but IRIS facilities are distributed internationally and operated in cooperation with the U.S. Geological Survey and other partner organizations and institutions. IRIS has annual revenues of approximately $30 million, and the Consortium employs roughly 53 full-time professional staff.

Candidates for the President position will have significant management experience as well as a background in leading complex research or facilities programs in academia, related government agencies, or industry. Candidates should be able to collaborate and negotiate strategically with other scientific and educational facilities and organizations. This is particularly critical at this time given NSF's 2019 decision to support a single seismic and geodetic facility starting in 2023. The ideal candidate will have a PhD in Earth Science, or equivalent professional expertise, along with experience in the administration of federal awards, a comprehensive understanding of federal funding structures and requirements, and an ability to identify and pursue new and diverse funding sources.

The President should be a dynamic leader who is able to communicate effectively with the IRIS community, federal agency leadership, and other sponsors and scientists. The ideal candidate will have a demonstrated record of successful scientific and administrative leadership and be able to proficiently engage with and build consensus across the geophysical community. The President will be capable of vision, planning, and executive management in partnership with the governing IRIS Board of Directors. Candidates must promote and embrace diversity and inclusion, global awareness, and ethical values.

A more in-depth position description may be found at [https://www.iris.edu/hq/employment/job/president1](https://www.iris.edu/hq/employment/job/president1)
Requests for additional information should be directed to Professor Charles J. Ammon, Chair, IRIS President Search Committee, hr@iris.edu. Applications should include a full vita; a statement describing the applicant's vision for IRIS for the immediate term and for the period beyond the 2023 expiration of the current SAGE2 cooperative agreement; a statement addressing past and/or potential contributions to diversity, equity, and inclusion; and the names and contact information of three references. Applications and nominations will be accepted until a new President is selected. For optimal consideration, interested parties are encouraged to apply by 15 December 2019 at the address below.

Presidental Search Committee c/o IRIS
1200 New York Avenue, NW Suite 400
Washington, DC 20005

The IRIS Consortium believes a diverse staff makes us a stronger organization. We are committed to hiring people of all ages, races, ethnicities, genders, sexual orientation or gender identities, marital status, veteran status, religions, and disabilities. All qualified candidates are encouraged to apply.
Job Opportunity

GEOHYDROLOGY AT BINGHAMTON UNIVERSITY

Binghamton University invites applications for a tenure-track appointment in the area of Geohydrology at the assistant professor level to begin in Fall 2020. We are seeking an earth scientist who studies physical, chemical or biological processes involving surface water or groundwater by using a combination of field measurements, observations, and modeling. We are particularly interested in candidates whose research area includes investigation of water-related near-surface geophysical processes, though individuals with other research areas in the broad field of geohydrology are also encouraged to apply. Priority will be given to candidates who demonstrate a commitment to interdisciplinary and transdisciplinary teaching and scholarship.

In particular, we seek candidates who will strengthen our existing research and teaching programs in Geological Sciences (https://www.binghamton.edu/geology/), Environmental Studies (https://www.binghamton.edu/environmental-studies/), Sustainable Communities (https://www.binghamton.edu/Sustainable-Communities/) and the Center for Integrated Watershed Studies (https://www.binghamton.edu/centers/ciws/). The position will be part of a new interdisciplinary initiative that brings together faculty from geology, environmental science, ecology, and sustainability sciences to study the earth and the challenges facing the planet. This position is also affiliated with the Sustainable Communities Transdisciplinary Area of Excellence (TAE), one of six TAEs that Binghamton University has developed as areas of focused interdisciplinary research across the university (https://www.binghamton.edu/transdisciplinary-areas-of-excellence/sustainable-communities/).

Candidates must have a Ph.D. in geology, environmental science, or a related field at the time of appointment. The successful candidate must develop and sustain a nationally-recognized, externally-funded research program in their area. We also expect the candidate to develop a strong record of teaching, thesis advising, and mentoring of students and to offer undergraduate/graduate level courses in their area of expertise. Our preferred candidate will also be able to translate their research to broader audiences in water resources and water resources policy courses.

To apply, please submit a curriculum vita; a cover letter describing experience and interest in the position; statements of research and teaching interests, and names and contact information of at least three references. All documents should be submitted to: https://binghamton.interviewexchange.com. Completed applications received by December 15,, 2019 will receive full consideration. Applications arriving after this date will be reviewed as needed until the position is filled.

Binghamton University is an Equal Opportunity/ Affirmative Action Employer. It is the policy of Binghamton University to provide for and promote equal opportunity employment, compensation, and other terms and conditions of employment without discrimination on the basis of sex, age, race, color, religion, disability, national origin, gender identity or expression, sexual orientation, veteran or military service member status, marital status, domestic violence victim status, genetic predisposition or carrier status, or arrest and/or criminal conviction record unless based upon a bona fide occupational qualification or other exception.
Assistant Professor of Geology (Tectonics/Structural Geology)

The Department of Geology and Geography at Ohio Wesleyan University invites applications for a full-time (tenure-track) Assistant Professor of Geology with an expertise in Tectonics and Structural Geology to begin in Fall 2020. Applicants should possess a PhD in Geology with an expertise in Tectonics and Structural Geology and a strong commitment to teaching. ABD applicants within one year of completion of their PhD with a similar expertise and teaching commitment will be considered. The successful candidate will be expected: to teach approximately 9 contact hours per semester focusing on Physical and Environmental Geology, Tectonics, Structural Geology, Geological Techniques; to develop new courses in their expertise that complement the existing curriculum; to contribute to the interdisciplinary majors (for example, Planetary Science, Environmental Science) that Geology participates in; and to develop a research program that engages undergraduate students. Ohio Wesleyan places significant value on teaching, expects excellence and innovation in the classroom, and close educational interaction between faculty and students. The University also values and expects scholarly research and active engagement with professional activities. The Geology and Geography department currently has 5 tenure-track faculty positions (3 in Geology and 2 in Geography). Further information about the department can be found at www.owu.edu/geology.

Ohio Wesleyan University, a private liberal arts college located 20 miles north of Columbus, in Delaware, Ohio, promotes and celebrates an inclusive environment free from constraints in areas of culture, race, sex, disability, sexual orientation, gender identity and/or expression, age, religion, family relationship, or economic barriers. Applications by members of all underrepresented groups are encouraged as OWU is an equal opportunity institution and has a strong commitment to supporting diversity, equity and inclusion.

Completed application packets will include:
1) Cover Letter
2) Resume or Curriculum Vitae
3) Three Letters of Recommendation
4) Statement on teaching philosophy
5) Statement on research interests and how undergraduate students would be involved in that research
6) Statement on diversity and inclusiveness that describes how your teaching, scholarship, mentoring and/or service might contribute to a liberal arts college that has diversity and inclusiveness as part of its core values

Please submit all application materials as PDF’s to: geologysearch@owu.edu

The application deadline is December 1, 2019. Application review will begin immediately and will continue until the position is filled.
Assistant Professor of Instruction, Mineralogy/Petrology

The University of Akron, OH is enhancing its teaching strengths in the Department of Geosciences by opening a non-tenure track position in mineralogy/petrology (job# 11999). At present, there are 100 geology and environmental science undergraduate majors who are required to take mineralogy. Candidates must possess Ph.D. (or ABD with a previously earned Masters in geosciences) in the geosciences and have the ability to teach courses in mineralogy and petrology. We expect candidates to demonstrate the ability to teach introductory-level earth science courses (Physical Geology, general education courses) and summer Geology Field Camp. We also expect successful candidates to develop field-based experiences for these undergraduate courses. In addition to strong abilities in teaching, we anticipate that successful candidates will have records of scholarship. For complete details and to apply visit: http://www.uakron.edu/jobs.

When completing the application be prepared to attach the following documents: 1) a curriculum vitae; 2) a brief statement of teaching philosophy that describes your pedagogical approaches and how your teaching and research experiences will contribute to the growth and success of the department; 3) unofficial transcripts; 4) contact information for at least 3 references. Applicants should fully describe their qualifications and experience with reference to the minimum and preferred qualifications. Review of applications will begin January 14, 2020. The start date is August 24, 2020. Questions about the Mineralogy/Petrology position can be directed to Dr. John Peck at jpeck@uakron.edu.

The University of Akron is an equal education and employment institution. It is the policy of this institution that there shall be no unlawful discrimination against any individual in employment or in its programs or activities at The University of Akron because of race, color, religion, sex, age, national or ethnic origin, sexual orientation, gender identity, disability, genetic information, military status or status as a veteran. The University is also committed to the principles of affirmative action and acts in accordance with state and federal laws.
Three Positions in Sedimentary Geology

The University of Houston Department of Earth and Atmospheric Sciences invites applications for three tenure-track positions in the general field of sedimentary geology. Hiring will be at the assistant professor level with up to one hire at the associate professor level. Experience and qualifications will be used to determine the appropriate title of assistant or associate. This is a cluster hire that will focus on interpretation of records of changing environments on Earth’s surface.

We are particularly interested in researchers with a focus on the areas of paleoclimate, paleoceanography, paleogeography, biogeochemistry, carbon cycles and proxies, the role of tectonics in building the sedimentary record, source to sink processes, and coastal evolution. The research of successful applicants may concentrate on either chemical or clastic sedimentary rocks and may use data from outcrops, cores, modern environments, the subsurface, or experimental or modeling studies. Integration of geophysical data, petrographic observations, and facies analysis is particularly encouraged.

The successful candidates will be expected to build active collaborations within and outside the university, to develop internationally recognized, externally funded research programs, to teach graduate and undergraduate level courses that bridge theory and practical applications in the geosciences, and to use their research to enhance experiential learning at UH.

The University of Houston is an equal opportunity/affirmative action employer. Minorities, women, veterans, and persons with disabilities are encouraged to apply.

The University of Houston is responsive to the needs of dual career couples. Furthermore, we welcome candidates whose experience in teaching, research, or community service has prepared them to contribute to our commitment to diversity and excellence. More information about the department can be found at http://www.uh.edu/nsm/earth-atmospheric/. Candidates must have a Ph.D. or equivalent in earth science or a related field at the time of the appointment.

Review of applications will begin on October 31, 2019, and continue until the positions are filled. Candidates should submit: 1) a statement of teaching and research interests, 2) a curriculum vitae, 3) a list of at least three possible references and their contact information. Applications should be submitted online through https://jobs.uh.edu/. A background check is required prior to interviewing. Questions about these positions may be directed to search committee chair Julia Wellner (jwellner@uh.edu).

Notes to Applicant: Official transcripts are required for a faculty appointment and will be requested upon selection of the final candidate. All positions at the University of Houston are security sensitive and will require a criminal history check.
$200,000 Nemmers Prize in Earth Sciences
Call for Nominations

Recipient to receive $200,000 in the 2020-21 academic year
Nominations accepted through Dec 31, 2019

This prize is made possible by a generous gift to Northwestern University by the late Erwin Esser Nemmers and the late Frederic Esser Nemmers.