This edition of E-News was edited by Emily Kam.
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
Laramie
Loma Linda
Lone Star (Texas)
Los Angeles/Orange County
Minnesota
Montana
Nebraska Cornhuskers
New England
North Dakota
Northern Florida
Oklahoma City
OSU Cowgirls
Osage (Kansas)
Ozark HAWGs
Pacific Northwest
Penn State
Ragin’ Cajuns (Louisiana)
Red Rock (Southern Utah)
Salt Lake City
San Diego State University
San Francisco Bay Area
Sierra
Southeastern Bluegrass
Southern Arizona
Sun City (El Paso)
University of California, Davis
University of Tennessee, Martin
University of Wisconsin, Madison
Vanderbilt
William and Mary
Williston Basin

International Chapters
Calgary
Dalhousie University
Ireland
Mongolia
Patagonia
South East Asia
Meet your new assistant editor

Hi, I’m Emily Kam, your new AWG assistant editor! I am extremely excited to join the Editorial team and will be helping to create the monthly E-News.

I recently graduated from the University of Utah with a double bachelors of science in environmental geoscience and chemistry. I am currently a geoscience intern at ExxonMobil working in exploration. During my undergraduate career, I had the opportunity to do research with Dr. Brenda Bowen working on a project involving hydrology, image analysis, and remote sensing. This is when I discovered my love for research.

I have been an active member of the Salt Lake City AWG Chapter since 2018 when I had the honor of receiving the Susan Ekdale Field Camp scholarship.

During my short career, I have already had the pleasure of meeting so many amazing women geoscientists. Each one is an inspiration, and I love hearing stories of their paths to success. I believe in the power of community and want young women new to geology to feel uplifted and supported.

Please feel free to contact me at enews@awg.org with questions, comments, or stories you’d like me to share in E-News.

I am looking forward to connecting with all of you!

Be featured in E-News!

Photo Share

Do you have an awesome picture from field work or a recent trip? We want to feature your photos on the cover of the next E-News!

Please send your submissions to enews@awg.org
Include your name and where the photo was taken.

Advice of the Month

Do you have some advice you’d like to share with our readers?
It could be about anything: career paths, being a woman in science, travel, life, etc.

Please submit a short (~50 word) blurb to enews@awg.org
(You submissions can be anonymous)

Thank you for being a part of the AWG community!
Baylor University Chapter

BAWG monthly meetings have included His/Her Stories, an ice cream social, and panel discussions. We also do Outreach programs which are focused on teaching young students in the Waco/Dallas area about geosciences. For Fall 2019, we are planning on showing the documentary, The Bearded Lady Project: Challenging the Face of Science. We try to collaborate as much as possible with other organizations, typically with the Baylor Geological Society, the Baylor Geosciences Department, and we sometimes broadcast our meetings to the campus Baylor Women in Science and Engineering group. Most collaborations come in the form of our members volunteering with these organizations.

San Francisco / Bay Area Chapter

Through our SAGE program, SFBA helps to promote middle-school and high-school student interest in the geosciences by awarding prizes and certificates of excellence to outstanding female presenters of Earth science themed science fair projects at several local science fairs. Chapter members volunteered their time to judge at the Marin County Secondary Science Fair (March 4) and the Synopsys Championship Santa Clara Valley Science and Engineering Fair (March 14). An award was presented to a middle-school student at the Marin County Secondary Science Fair for her project titled Heat Under Our Feet.

Through our OSA project, we encourage outstanding senior undergraduate women to continue to pursue careers and higher education in the geosciences. We do this by formally recognizing their achievements by awarding students from 10 local San Francisco Bay Area universities with an Outstanding Student in Geoscience Award. These award packages include a certificate, a one-year AWG Student Membership, a cash award, and a complimentary ticket to the annual AWG SFBA Banquet.

Vanderbilt Chapter

Vanderbilt AWG president Rachel Bain volunteered at the AWG booth at AGU in December 2018. Dr. Patricia Kelley visited us on January 29-30, 2019, and gave a presentation entitled "Women in Geosciences: Dress Like a Lady, Act Like a Man, Work Like a Dog", which was attended primarily by graduate students and faculty, with undergraduates attending breakfast with Dr. Kelley. Looking ahead, we have been unofficially allocated $1100 for next year’s activities. This is the first time we have successfully applied for funding from the Vanderbilt Activities Fee Committee after trying for over a year. Well done!
Recommended Reads
Suggested books, blogs, podcasts, and more from the AWG editorial team

- The Mars rover named to honor Rosalind Franklin nears completion and is scheduled to be launched as part of a European-Russian mission. [READ HERE](https://www.bbc.com/news/science-environment-49234794)

- Paleontologist Dr. Bolortsetseg Minjin who created the Institute For The Study of Mongolian Dinosaurs, has fought to repatriate dinosaur fossils excavated in Mongolia. [READ HERE](https://www.bbc.com/news/business-48472588)

- Despite progress, many physical scientists from sexual and gender minorities experience exclusion or harassment at work, finds UK survey. [READ HERE](https://www.nature.com/articles/d41586-019-02013-9?WT.ec_id=NATURE-20190704&utm_source=nature_etoc&utm_medium=email&utm_campaign=20190704&sap-outbound-id=406977B4420F2261170FB6AC5065B27013FF81F8&mkt-key=005056A5C6311EE999A4F0B791BE3003)

Recommended Facebook/Instagram pages to follow (NEW!)

- [Geomorphology Rules](https://www.facebook.com/GeomorphologyRules/) (Facebook)
- [Geologyenthusiast](https://www.instagram.com/_geologyenthusiast_/) (Instagram)
- [Geologyscience](https://www.instagram.com/_geologyenthusiast_/) (Instagram)

Got pages or people you like to follow for geology related content? Let us know and they could be featured!

DON’T FORGET TO RENEW YOUR 2019 AWG MEMBERSHIP!

Click [HERE](#) to login and renew!

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](mailto:office@awg.org).
At the booth, in addition to having a great time, we will be renewing existing memberships, completing applications for new members, handing out SWAG, presenting brochures full of wonderful information about scholarships, events, and programs associated with AWG, completing resume reviews, taking donations for AWGF and spreading the news about the organization.

We will need volunteers at the booth to help share the advantages of the AWG organization: our mission, activities, accomplishments, and the advantages of Connecting Women geoscientists. Michelle Sutherland will be present at the booth for the majority of the conference, but really can use some assistance.

If you are interested in volunteering, please sign up at https://volunteersignup.org/YWLA4 and questions can be directed to Michelle at 612-232-1804 or michelle.m.sutherland@hotmail.com

Exhibit hall and booth hours for 2019:

Sunday 9/22 2pm-7pm
Monday 9/23 10am-6:30pm
Tuesday 9/24 10am-6:30pm
Wednesday 9/25 10am-2pm

AWG Awards and Networking Breakfast!

Monday 9/22 6:30 – 8:30 am, North Ballroom 120BC

Please join us in recognizing those who have continued to do wonderful things on behalf of AWG and associated programs, as well as stay for networking opportunities. Breakfast will be Monday 9/22 6:30-8:30am in North Ballroom 120BC. Please reach out to Michelle Sutherland with any questions.

We look forward to seeing you Phoenix!
**Job Opportunity**

**Assistant Professor of Hydrogeology**  
**University of Arkansas**

**About the University:** Founded in 1871 as a land grant institution, the University of Arkansas is classified by the Carnegie Foundation among the top two percent of universities in the nation, with the highest level of research activity. Ten colleges and schools serve more than 27,100 students with more than 200 academic programs. University of Arkansas students earn nationally competitive awards at an impressive rate and represent 50 states and more than 120 countries.

**About the College:** The University of Arkansas is committed to providing an educational and work environment in which thought, creativity, and growth are stimulated, and in which individuals are free to realize their full potential. The J. William Fulbright College of Arts and Sciences promotes these ideals and welcomes applicants who foster an inclusive environment through an open exchange of voices and ideas from populations of diverse backgrounds.

**About the Department:** The Department of Geosciences, with 22 faculty, is an interdisciplinary program offering bachelors and masters degrees in geography and geology, and a Ph.D. in Geosciences (http://geosciences.uark.edu). The Department also participates in two interdisciplinary Ph.D. programs in Environmental Dynamics and Space and Planetary Sciences. The Department is closely affiliated with the Center for Advanced Spatial Technologies (https://cast.uark.edu/), Tree-Ring Laboratory, Arkansas Water Resources Center, the University’s Stable Isotope Laboratory (https://isotope.hosted.uark.edu/), MicroCT Imaging Consortium (https://micro.uark.edu/) and Trace Element and Radiogenic Isotope Laboratory (https://icp.uark.edu/).

**Summary of job duties:** The Department of Geosciences at University of Arkansas invites applications for a 9-month tenure-track Assistant Professor of Hydrogeology with an anticipated start date of August 2020. We seek an outstanding individual with skills in hydrogeology and expertise that supports a combination of the University’s three signature research areas (https://researchfrontiers.uark.edu/signature-research-areas/). The successful candidate will be expected to develop an independent, externally-funded research program and complement ongoing collaborative and interdisciplinary research in the Department of Geosciences and the University. Teaching duties may include introductory hydrogeology, field camp, and upper division undergraduate or graduate courses in the candidate’s field of interest.

Continued on next page...
Minimum qualifications: A doctoral degree in geology or a related discipline conferred by the start of employment. A demonstrated ability to teach hydrology or hydrogeology at the senior/graduate level and additional graduate courses and demonstrated ability to develop an independent, externally funded research program.

Preferred qualifications: Research that incorporates aspects of field-based hydrogeology. A publishing record in refereed journals and demonstrated funding capabilities. Preference will be given to applicants who will complement or enhance the existing research and teaching areas of the Department of Geosciences and affiliated centers and programs.

Relevant research sub-fields include (but are not limited to): groundwater availability and water quality, contaminant hydrology, ecohydrology, Critical Zone hydrology (both surface and subsurface), hydrogeologic system response to evolving climate regimes, and the impact of humans and climate on the water cycle.

Application information: For a complete position announcement and information regarding how to apply, visit https://jobs.uark.edu/hr/postings/35485. To be considered for the position, applicants must submit a cover letter/letter of application, a curriculum vita and three statements, each less than 2 pages long. First, a research statement should describe the candidate’s research program, and research priorities as a faculty member. Second, a teaching statement should describe the candidate’s teaching background and philosophy, as well as priorities as a faculty member. Third, an inclusion statement should focus on how the applicant plans to foster inclusiveness, contribute to an equitable scholarly community, and help students from diverse backgrounds succeed. A list of three professional references (name, title, email address, and contact number) willing to provide letters of reference will be requested during the application process. The letters should address the research and teaching experiences of the applicant. Letters will be requested from the references provided for all finalists selected for an interview. All applications must be submitted electronically at https://jobs.uark.edu/postings/35485

Questions regarding this position (but not applications) may be addressed to the committee chair, Dr. John Shaw (shaw84@uark.edu). Completed applications received by September 1, 2019 will be assured full consideration. Late applications will be reviewed as necessary to fill the position.

The University of Arkansas is an equal opportunity institution committed to achieving diversity in its faculty. Therefore, the University is especially interested in applications from qualified candidates who would contribute to the diversity of our academic departments. The University welcomes applications without regard to race/color, sex, gender, pregnancy, age, national origin, disability, religion, marital or parental status, protected veteran or military status, genetic information, sexual orientation, gender identity or any other characteristic protected under applicable federal or state law. Persons must have proof of legal authority to work in the United States on the first day of employment. All applicant information is subject to public disclosure under the Arkansas Freedom of Information Act.
Job Opportunity

Assistant Professor of Paleontology
Colgate University

About the University: Colgate is a highly-selective liberal arts university of 2900 students situated in central New York. Colgate faculty are committed to excellence in both teaching and scholarship. The Geology Department comprises seven faculty, a senior lecturer, and a technician. Analytical facilities include SEM-EDS, XRF, XRD, ICP-MS, IC, AA, stable isotope mass spectrometer, micropaleontology lab, and geophysical equipment. Further information about the Geology department can be found at www.colgate.edu/geology.

Summary of job duties: The Department of Geology at Colgate University invites applications for a tenure-stream position in the area of Paleontology at the rank of Assistant Professor, beginning fall semester 2020.

We seek an individual with a Ph.D. who is committed to excellence in teaching and research at the undergraduate level. Completion of the Ph.D. is expected prior to or shortly after the date of hire. The area of specialization is open but could include invertebrate or vertebrate paleontology, paleobotany, micropaleontology, paleoecology, or paleoclimatology. The successful applicant will teach introductory courses for non-majors, an intermediate-level Paleontology course for majors, as well as develop upper-level courses in their area of specialty. Participation in the Geology Department's summer field courses and meaningful involvement of undergraduates in research are expected. All Colgate faculty are expected to participate in all-university programs, including the Liberal Arts Core Curriculum.

Application information: A cover letter, CV, research and teaching statements, and two reference letters must be submitted through https://academicjobsonline.org/ajo/jobs/14050. Colgate strives to be a community supportive of diverse perspectives and identities. All applications should speak directly to the candidate’s ability to work effectively with students across a wide range of identities and backgrounds.

Review of applications will begin September 27th, 2019 and continue until the position is filled.

It is the policy of Colgate University not to discriminate against any employee or applicant for employment on the basis of their race, color, creed, religion, age, sex, pregnancy, national origin, marital status, disability, protected Veterans status, sexual orientation, gender identity or expression, genetic information, status as a victim of domestic violence or stalking, familial status, or any other categories covered by law. Colgate is an Equal Opportunity/Affirmative Action employer. Candidates from historically underrepresented groups, women, persons with disabilities, and protected veterans are encouraged to apply. Applicants with dual-career considerations can find postings of other employment opportunities at Colgate and at other institutions of higher education in upstate New York at www.upstatenyherc.org.
Job Opportunity

Assistant Professor, Sedimentary or Structural Geology (Tenure Track)
California State University, Long Beach

The Department of Geological Sciences, California State University Long Beach (CSULB) invites applications for a tenure-track Assistant Professor with expertise in any aspect of Sedimentary Geology or Structural Geology to start Fall 2020.

Summary of qualifications: A qualified candidate should be dedicated to teaching at the undergraduate and Masters level and committed to developing an externally funded research program that will involve students. As part of a campus that serves a very diverse community, the Department of Geological Sciences seeks candidates who, through previous experience supporting diverse students or their own lived experience, will be committed to the successful teaching and mentoring of all students.

About the University: Southern California abounds with world-class geologic exposures for teaching and research in the mountains, deserts, coast and ocean - most within a few-hour drive. CSULB is also located in the vibrant Los Angeles-Long Beach-Orange County metropolitan area, rich with universities and colleges, government agencies and local industry that provide many opportunities for collaboration.

Please follow THIS (also below) link for a detailed position description, list of required and preferred qualifications, and explanation of the application procedure. Review of applications will begin October 14, 2019.

https://www.csulb.edu/academic-affairs/faculty-affairs/assistant-professor-of-geological-sciences-2556
The Department of Environmental Systems Science (www.usys.ethz.ch) at ETH Zurich invites applications for the above-mentioned position focusing on (1) physical processes controlling water, energy, and/or mass fluxes in the subsurface and (2) their implications for biogeochemical processes, organisms and/or ecosystems. Candidates are expected to pursue a system-oriented research program linking physical and biological processes across a range of scales. A focus on forest systems and forested landscapes is particularly welcome.

The successful candidate is expected to have a strong background in soil physics, physical hydrology, geophysics, or related fields, to have an international track record in research (commensurate with the career stage), and to be a motivated and effective teacher. Teaching duties will include introductory and advanced-level courses in soil physics and environmental physics. In general, at ETH Zurich undergraduate level courses are taught in German or English and graduate level courses are taught in English.

The level of the appointment will depend on the candidate’s career track and qualifications. Assistant professorships have been established to promote the careers of younger scientists. ETH Zurich implements a tenure track system equivalent to other top international universities.

Please apply online: www.facultyaffairs.ethz.ch

Applications should include a curriculum vitae, a list of publications, a statement of future research and teaching interests, and a description of the three most important achievements. The letter of application should be addressed to the President of ETH Zurich, Prof. Dr. Joël Mesot.

The closing date for applications is 15 September 2019.

ETH Zurich is an equal opportunity and family friendly employer and is responsive to the needs of dual career couples. We specifically encourage women to apply.
Job Opportunity

Nuclear Waste Technical Review Board
Job Openings

Professional Staff – Materials Engineer/Scientist

The Nuclear Waste Technical Review Board (www.nwtrb.gov) is seeking to hire a Materials Engineer/Scientist. We are seeking candidates at both senior and junior levels. For junior applicants, this will be an opportunity to work with, and be mentored by, Board members and senior scientists and engineers on the staff. Applicants must have a master’s degree, or equivalent experience, in a relevant scientific or engineering field, such as materials science or engineering, chemistry or chemical engineering, nuclear engineering, geochemistry, or other similar or related fields. The candidate should have familiarity with the U.S. program and/or programs in other countries for managing and disposing of spent nuclear fuel and high-level radioactive waste, to support the Board’s review and evaluation of the technical validity of DOE activities and programs. The incumbent must have superior communication, synthesis, and writing skills, as well as an ability to work as a member of a multidisciplinary team, including Board members and staff. Occasional travel will be required.

Salary range is $78,000 to $166,500 per year. This vacancy announcement is being advertised from July 29, 2019 to September 15, 2019. For more information visit: https://www.usajobs.gov/GetJob/ViewDetails/540978300

Professional Staff – Scientists and/or Engineers

The Nuclear Waste Technical Review Board (www.nwtrb.gov) is seeking to hire up to three Scientists and/or Engineers. We are seeking candidates at both senior and junior levels. For junior applicants, this will be an opportunity to work with, and be mentored by, Board members and senior scientist and engineers on the staff. Applicants must have a master’s degree or higher, or equivalent experience, in a relevant scientific or engineering field, such as geoscience, material science and engineering, civil engineering, systems engineering, environmental engineering, nuclear engineering, geological engineering, or other similar or related fields. Familiarity with the U.S. program and/or programs in other countries for managing and disposing of spent nuclear fuel and high-level radioactive waste is highly desirable. Occasional travel will be required.

Salary range is $78,000 to $166,500 per year. This vacancy announcement is being advertised from July 29, 2019 to September 15, 2019. For more information visit: https://www.usajobs.gov/GetJob/ViewDetails/540977000