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
- 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
- Ragan’ 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
Recommended Reads
Suggested books, blogs, podcasts, and more from the AWG editorial team

Science reporter Holly Else has written "How to banish manels and manferences from scientific meetings" about an analysis in Nature on the progress and slippage involved in changing the dominant voices in scientific conferences.


Sigma Xi, the scientific honorary, announces the formation of a Committee on Scientific Conduct and Professional Ethics.


Melissa Villarreal, CU Boulder, and co-author Michelle Meyer, Texas A&M, report on the difference in emergency response between women and men when confronted with impending or recent disasters.


Recommended Facebook/Instagram pages to follow (NEW!)

@europeanspaceagency https://www.instagram.com/europeanspaceagency/
@geology.photography https://www.instagram.com/geology.photography/

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

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
San Diego State University Chapter had a very active 2018-19. Events included several fundraisers, networking, and volunteer activities.

**Fundraisers:** On October 9, 2018, we hosted a fundraiser at a Chipotle on the campus of San Diego State University. The turnout was high, and the fundraiser was a success, raising $85.75. On Dec 6, 2018, we hosted a fundraiser at Blaze Pizza. The purpose of the event was to raise funds for the Catalina Trip in Fall 2019. The event was a success, raising $77.41.

**Bonfire:** On November 2, 2018, we organized a bonfire at Fiesta Island. The event gave current members a chance to network with present and past geology students and alumni.

**Career in Sciences Panel:** We volunteered and helped organize the College of Sciences Career in Sciences Panel. The event was held on March 22, 2019. The event gave students the opportunity to network and communicate with panelists currently working in the fields of geology and environmental science.

**Explore SDSU:** We volunteered at the Geological Sciences booth at Explore SDSU on March 23, 2019. Explore SDSU is an event that welcomes potential incoming students to San Diego State University and gives them the opportunity to become familiar with the departments and clubs on campus. We represented the passion and enthusiasm for geology of the Geological Sciences Department.

**Show Me Geology:** Show Me Geology is an elementary school science outreach program initiated by undergraduate students in the Department of Geological Sciences. Our officers and members volunteer their time, every other Friday, from 9am-1pm to teach about earthquake safety, mineral identification, and the geologic time scale. This program allows elementary school students to get hands-on experience studying the fundamentals of geology. This program also challenges our members to explain the basic key geological fundamentals to young students, ensuring their understanding of the material, as well as providing practice with public speaking.

**Adopt a Beach:** We adopted a beach through I Love a Clean San Diego’s Adopt a Beach Program. Our chapter is responsible for cleaning Tourmaline Beach three times a year. We have done two beach cleanups so far, on October 26, 2018 and February 22, 2019.
Pacific NW Region

A joint meeting was held on September 20, 2018, with AEG in Seattle. Dr. Juliet Crider spoke about the Master in Earth & Space Sciences, Applied Geosciences (MESSAGe) Graduate Program at the University of Washington.


A fall newsletter was published with information on past and future AWG events, regional geology, and other geologic activities in the area.

AWG-PNW held a breakfast event at the GSA Cordilleran Section Meeting in Portland, Oregon on May 17, 2019. We were successful in raising $200 from Portland area members and firms to help support the chapter's subsidy for student breakfasts, which were also financed by a portion of the substantial profit from the Klamath Mountains Field Trip.

Portland area chapter members gathered at Fire on the Mountain restaurant on May 18, 2019 to celebrate the anniversary of Mt. St. Helens’ eruption.

The 2019 Janet Cullen Tanaka scholarship was awarded to Katelyn Frizzell, an undergraduate geophysics major and astronomy minor at Western Washington University with an affinity for extraterrestrial geology. She researches the geologic history of the Martian surface by processing orbital and ground-based data. This last summer she worked as a NASA intern at the Johns Hopkins Applied Physics Laboratory, and during October she attended the 4th Mars 2020 Landing Site Workshop. Katelyn intends to begin her PhD in planetary sciences in the fall. The award was $1200, which included matching funds from the AWG Foundation. A total of seven scholarship applications were submitted and three applicants (including the recipient) accepted 1-year gift memberships to AWG.
Now Accepting Applications for the Train the Trainers Workshop!

NSF-funded ADVANCEGeo Partnership "Train the Trainers" Workshop

January 9-10, 2020 in Lawrence, Kansas

The goal of the Train the Trainers workshop is to develop a network of trainers. Participants will receive training in:

- Background and awareness of the prevalence and impact of hostile behaviors in the STEM workforce, including: implicit biases, microaggressions, sexual harassment and discrimination, bullying
- Bystander intervention
- Tools and strategies for improving workplace climate
- Workshop facilitation to implement their own trainings

Applications for this workshop are now being accepted through Tuesday, October 1st.

Application review will begin on October 2nd and all applicants will be notified of their status no later than October 15th. Travel grant applications will be made available for accepted participants. If you have any questions, please contact Blair Schneider at blair.schneider@ku.edu.

Train the Trainers Workshop »

serc.carleton.edu/advancegeo/news/article/...
The USGS is looking for an individual who has successfully managed a large, geographically dispersed science organization to serve as the Regional Director-Midcontinent Region. The Region includes 18 Science Centers in 11 States from the Great Lakes to the Dakotas. The streamgage network is used to monitor and assess water resources across the region. Other research focuses on fisheries and aquatic ecosystems, midcontinental plant/animal species, invasive species, wildlife disease, and energy and mining. 1 vacancy. This is a Senior Executive Service position. The advertisement is open all US Citizens. The salary range is $153,520 to $192,300, and the closing date is 10/15/19. The vacancy announcement, qualifications, and how to apply can be found at https://www.usajobs.gov/GetJob/ViewDetails/545667400
Spooktober Event

October 16, 6-8 PM
441 First Street SE
Washington, DC 20003

We'll be celebrating with seasonal treats and a Jill-O-Lantern contest.

RSVP on the Eventbrite to attend. Ticket price includes pumpkin and carving supplies.

www.eventbrite.com/e/dmv-awgs-jill-o-lantern-carving-tickets-73137866327
$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
Submission guidelines available @ http://bit.ly/NemmersPrizeEarthSciences

This prize is made possible by a generous gift to Northwestern University by the late Erwin Esser Nemmers and the late Frederic Esser Nemmers.
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
Job description: The Department of Earth and Planetary Sciences at Washington University in St. Louis invites applications for a tenure-track or tenured faculty position at the assistant, associate, or full professor rank, commensurate with experience, in the field of planetary science. The candidate is expected to perform research in the broad area of planetary surfaces and processes, have or seek active involvement in planetary science missions, and eventually assume leadership of the NASA Planetary Data System Geosciences Node at Washington University. The ideal candidate will employ quantitative tools and will integrate computational approaches with remotely sensed observations.

Summary of qualifications: The successful candidate is expected to develop a vigorous, externally funded research program, maintain a strong publication record, advise students, provide outstanding teaching of undergraduate and graduate courses, and participate actively in departmental governance and university service. We seek candidates who will strengthen existing research programs in planetary science and remote sensing, as well as foster collaboration with scholars across the Washington University community.

Candidates must have a Ph.D. in planetary science or a related field at the time of appointment. In addition, candidates at the associate or full professor rank must have an advanced record of research, publication, and teaching warranting tenure.

Application information: Complete applications include cover letter, curriculum vitae, statements of teaching and research interests, and names and contact information of at least four references, submitted via Interfolio: https://apply.interfolio.com/66099. Applications must be received by October 31, 2019 to ensure consideration.

Washington University in St. Louis is committed to the principles and practices of equal employment opportunity and especially encourages applications by those underrepresented in their academic fields. It is the University’s policy to recruit, hire, train, and promote persons in all job titles without regard to race, color, age, religion, sex, sexual orientation, gender identity or expression, national origin, protected veteran status, disability, or genetic information.
Flint Postdoctoral Fellowship, Department of Geology & Geophysics, Yale University

The Department of Geology and Geophysics at Yale University (http://earth.yale.edu) announces an annual competition for the Richard Foster Flint Postdoctoral Fellowship. We welcome applicants with research interests in climatic processes, Cenozoic paleoclimate, historical climate records, and future climate predictions, using either archive- or modeling-based investigations.

Specific research areas include, but are not limited to, glaciology; climatology; atmospheric and oceanic circulation; low-temperature geochemistry; paleobiological and paleoecological responses to climate change; and coupling between tectonic, climatic, environmental, and biotic processes.

This postdoctoral position is awarded for two years and includes a stipend ($60,000/yr) and research funds ($5,000/yr), plus health-care benefits and limited expenses for relocation.

Application information: Applicants should contact a sponsor in the Department to discuss potential research projects, and then submit a short (2–3 page) statement of research interests and a proposed research plan, a curriculum vitae with a full list of publications, an endorsement letter from the sponsoring faculty member, and three confidential letters of reference. Applications should be submitted online at http://apply.interfolio.com/68371.

The deadline for receipt of all application materials is December 15, 2019, and successful candidates are expected to begin their program at Yale between July 1 and December 31, 2020. Yale University is an Affirmative Action/Equal Opportunity employer. Yale values diversity among its students, staff, and faculty and strongly welcomes applications from women, persons with disabilities, protected veterans, and underrepresented minorities.
Faculty Position in Crust/Lithosphere Evolution

RECRUITMENT PERIOD
Open date: August 23, 2019

Next review date: October 20, 2019 Apply by this date to ensure full consideration by the committee.

Final date: December 31, 2019 Applications will continue to be accepted until this date, but those received after the review date will only be considered if the position has not yet been filled.

DESCRIPTION
The Department of Earth and Planetary Sciences at the University of California, Davis seeks a geologist who investigates the generation, evolution, and deformation of Earth’s crust and lithosphere. For this tenure-track faculty position, we seek candidates whose research is anchored in the rock record and addresses fundamental problems related to the Earth’s physical and chemical evolution over geologic time.

The ideal candidate will employ creative, interdisciplinary, and process-focused research that integrates observations with laboratory or computational methods, and/or integrates two or more sub-disciplines within Earth science, such as petrology, rock mechanics, seismology, geochemistry, geochronology, structural geology, or tectonics. We are particularly interested in applicants who will expand our current research programs and have the potential to build new connections between areas of current research expertise in the department and across the UC Davis campus. The department’s current research programs and experimental, analytical and computational facilities are described at geology.ucdavis.edu/research. See ucdavis.edu/academics/colleges-schools for more information about UC Davis.

Appointment will be at the Assistant Professor rank. Candidates must possess a Ph.D. or equivalent in geoscience or a related field by the time of appointment. The appointee is expected to develop and maintain a vigorous externally funded research program and to teach at the undergraduate and graduate levels. Supervision of graduate students and service to the department, university, and broader discipline are expected. The average teaching load is 3 quarter-length courses per year.

Candidates should submit a cover letter, CV, publication list, statements of research plans, teaching interests, and contributions to diversity, and contact information of four references by October 20, 2019 to ensure full consideration by the committee. Review of applications will begin immediately and will continue until a suitable candidate is identified or the final search date of December 31, 2019 is reached. Guidance for diversity statements may be found at academicaffairs.ucdavis.edu/diversity/equity_inclusion. Applications should be submitted online via the job listing #JPF03025 at recruit.ucdavis.edu/JPF03025. Inquiries may be addressed to the Search Committee Chair at eps-search@ucdavis.edu.

UC Davis is an affirmative action/equal employment opportunity employer and is dedicated to recruiting a diverse faculty community. We welcome all qualified applicants including women, minorities, individuals with disabilities, and veterans. UC Davis recognizes the necessity of supporting faculty with efforts to integrate work, family and other work—life considerations. The campus sponsors a Work Life Program that supports faculty as they strive to honor their commitments to work, home and community. For more information see https://academicaffairs.ucdavis.edu/work-life.
Assistant/Associate/Full Professor in Mineralogy/Petrology (Tenure Track Position)

**Job Description:** The Department of Earth and Environmental Sciences at Furman University invites applications for an open-rank, tenure-track position in Mineralogy and Petrology beginning in August 2020. The successful candidate will demonstrate a commitment to excellence in teaching, student advising, and research with undergraduates, with a primary interest in igneous or metamorphic processes and a broad interest in mineral resources and sustainable resource use. We welcome candidates with diverse perspectives who employ a variety of research methods, including field, analytical, and computational approaches. The successful candidate will demonstrate a capacity to develop an innovative research program that provides meaningful, rich, and varied educational experiences for undergraduate students. Furman’s location at the foothills of the Blue Ridge Mountains provides easy access to a geologically and ecologically diverse region with ample opportunity for integrating field experiences and local research into the curriculum. Teaching responsibilities consist of four courses with labs per year, including Earth Systems (EES 115), Mineralogy and Petrology I (EES 220), and upper level electives. Experience in GIS or spatial analysis methods as well as an interest in collaborative research connecting geoscience and sustainability science is preferred.

**About the Department:** The Department of Earth and Environmental Sciences is home to two undergraduate majors: Earth and Environmental Sciences, and Sustainability Science. Innovative curriculum, engaging students in class and in the field, and collegiality are the core values of our department. We have a diverse faculty representing physical and social sciences with a common mission to positively impact the environment and society through teaching, research, and mentorship.

**Application information:** Applicants should include PDF versions of a letter of application, a curriculum vitae, a statement of teaching interests and philosophy (2 pages maximum), a statement of research interests and future research priorities (2 pages maximum), an initial research plan for work with undergraduates (2 pages maximum), diversity & inclusiveness statement describing how your teaching, scholarship, mentoring and/or service might contribute to a liberal arts college community that includes a commitment to diversity & inclusiveness as part of its core values (2 pages maximum); unofficial transcripts; and names of three references.

**About the University:** Furman University is a nationally ranked liberal arts college located near Greenville, South Carolina, which has a thriving downtown and a vibrant international community. Visit ees.furman.edu for additional information about the position, the department, Furman University, the Shi Center for Sustainability, and Greenville, SC. Applications will be accepted until November 1, 2019. Furman University is an equal opportunity employer committed to increasing faculty diversity.