This edition of E-News was edited by Jessica Bean.
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

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Baylor University
Black Hills (SD Mines)
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Laramide
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Lone Star (Texas)
Los Angeles/Orange County
Minnesota
Montana
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Ozark HAWGs
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Penn State
Ragin’ Cajun
Red Rock (Southern Utah University)
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San Francisco Bay Area
Sierra
Southeastern Bluegrass
Sun City (El Paso)
University of Tennessee Martin
Vanderbilt
William and Mary

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

- **What science has gotten wrong by ignoring women.** Sexism has long skewed research, but a new wave of scientists is shifting course.

- **How young women view men affects how they imagine their future selves.** Whether young women picture themselves as the primary caregiver or primary breadwinner for their future families may depend on how they believe men's roles in society are changing -- or not changing -- according to a new study from the University of Arizona.

- **National academy president breaks her silence on ejecting sexual harassers.** It has been 7 months since the presidents of the U.S. National Academies of Sciences, Engineering, and Medicine (NASEM) in Washington, D.C., announced they had “begun a dialogue” about the standards of professional conduct required for membership in their exclusive ranks. In plainer terms, the three presidents of the prestigious academies—whose members are elected by existing members—were telegraphing their intention to try to find a way to expel proven sexual harassers and those found guilty of other kinds of misconduct. We “take this issue very seriously,” they wrote.

- **Geology and grapes a winning pair.** About 150 years after grapes were first cultivated on a small strip of Pelee Island, vineyards now cover two-thirds of the island and have become its major agricultural enterprise...While much credit for Pelee's remarkable success goes to the island's unique microclimate, some of its future growth may come about because of transformative soils research by Western Geology professor Patricia Corcoran and her team.

- **Strange waves rippled around the world, and nobody knows why.** Instruments picked up the seismic waves more than 10,000 miles away—but bizarrely, nobody felt them.

You can send suggestions for “Recommended Reads” to Enews@AWG.org.

**Travel with AWG**

Save the dates for AWG’s 2020 field trip to New Zealand!

Join us for a two-week fieldtrip to New Zealand with Williams GeoAdventures in late winter of 2020! We have a tentative itinerary with six full days on the North Island, featuring tours of volcanic areas, and eight full days on the South Island, including tours of the New Zealand Alps and Milford Sound. We will have a geologic guide and our own bus and driver on each island, and the price will include air travel both ways between the North and South Islands. In an attempt to keep the price as reasonable as possible, lodgings will be split between 3-star hotels and Top 10 Holiday Parks (nice hostel/budget motel-like lodgings). Our slightly tentative dates (could still shift by a day or two) are **February 26 through March 12, 2020**, and the very tentative price is **$5000** (generally double or triple occupancy). Space will be limited and we expect this trip to fill, so if you’re interested in going, please be ready to sign up when registration opens in the spring. For more information or to be put on the interest list for more timely updates, please email AWG Field Trip Committee Co-chair Marcia Knadle at marciaAWG@aol.com. Stay tuned for further information regarding the price. For more information about Williams GeoAdventures, visit their website at [http://www.geology-adventures.com/](http://www.geology-adventures.com/).
Job Opportunity

Shallow-Earth, High-Resolution Geophysicist
Entry-Level, Tenure-Track, Assistant Professor
Department of Environmental Sciences, University of Toledo

The Department of Environmental Sciences at the University of Toledo invites applications for a tenure-track Assistant Professor position in shallow-earth, high-resolution geophysics with an expected start date of August 19, 2019. This position is connected to a designated strategic focus of the university. We seek an individual whose research is related to shallow earth geophysics focusing on environmental geology and hydrogeology, and who is expected to collaborate with department researchers investigating nutrient transport through large watersheds into Lake Erie and other largescale systems. The department has a broad selection of geophysical equipment and a recently renovated laboratory space. The successful candidate will be expected to develop an active, independent, externally-funded research program that involves both undergraduate and graduate students. Excellence in teaching at the undergraduate and graduate level is also expected, and over time the candidate will be expected to teach courses on geophysics, mapping and structural geology, Geologic Hazards and introductory geology.

The Department (http://www.utoledo.edu/nsm/envsciences/) consists of 21 faculty and approximately 35 graduate students and 210 undergraduate majors, and offers degree programs in geology, biology (ecology track) and environmental sciences. Current research expertise in the department includes coastal, glacial and Quaternary geology, hydrogeology, aquatic ecology, wetland restoration, ornithology, herpetology, climate change, plant biology, soil ecology, biogeochemistry, invasive species, and water resources.

A Ph.D. in geophysics, geology, earth sciences or a closely related field is required. Postdoctoral or equivalent experience is strongly preferred. This is an entry level, tenure-track Assistant Professor position involving a standard teaching-research-service workload. Submit applications at https://jobs.utoledo.edu and include an application letter, CV, statements of research interests and teaching philosophy, and the names and contact information of three references. Dr. Jamie Martin-Hayden can be contacted for further information at james.martin-hayden@utoledo.edu. Review of applications will begin on January 8, 2019 and the position will remain open until filled.

The University of Toledo is an affirmative action, equal opportunity employer. The University is dedicated to the goal of building a culturally diverse and pluralistic faculty and staff committed to teaching and working in a multicultural environment and strongly encourages applications from women, minorities, individuals with disabilities, dual-career professionals and covered veterans.

Dr. Jamie Martin-Hayden
Associate Professor, Hydrogeology
University of Toledo
Dept. of Environmental Sciences
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Toledo, OH 43606
419-530-2634
Job Opportunity

Director of The University of Texas at Austin Institute for Geophysics
University of Texas at Austin (UTIG)

The Institute for Geophysics at the University of Texas at Austin (UTIG), one of the three principal units in the Jackson School of Geosciences, seeks applications for the position of Director, which may include a concurrent faculty appointment in the Department of Geological Sciences (qualifications for faculty position must be commensurate with rank). UTIG is a world leader in expeditionary-scale geophysical research, numerical modeling and computational-enabled discovery, conducting research in four broad themes: climate; energy; marine geosciences, seismology and tectonophysics; and polar and planetary geophysics. It has a staff of about 75 research scientists and support staff. Both graduate and undergraduate students play important roles in the UTIG research mission. The science vision of the Institute is described in more detail at http://ig.utexas.edu/utig-science-vision-plan/.

An accomplished leader is sought to provide strategic vision and outstanding operational management, to foster high-quality research programs, and to guide the UTIG community to the next level of accomplishment and impact. The UTIG Director will maintain and strengthen the culture of collaboration and innovation in the Jackson School of Geosciences, expand the reputation of the institute, promote diversity within the institute and demonstrate commitment to a high-quality student experience.

The ideal candidate will possess a Ph.D. in a relevant scientific field (e.g., geology, geophysics, oceanography, planetary sciences, etc.), and will have experience in the administration of complex organizations and research programs, a demonstrated record of high-quality research and publications, and excellence in people management and communication skills. Involvement in international and/or large federal programs, and leadership in academic and professional activities is desired.

An applicant should submit a letter of interest, a vision statement (including your perspectives on how to advance both scholarly excellence and diversity in the workplace at UTIG), CV, and list of four references (with titles and email addresses) electronically to https://apply.interfolio.com/56029. Additionally a resume must be submitted at the UT Austin Jobs website: https://utdirect.utexas.edu/apps/hr/jobs/nlogon/180920010382. Questions should be directed to Dr. Gail Christeson or Dr. Sean Gulick, co-chairs, UTIG Director Search Committee at gail@ig.utexas.edu and sean@ig.utexas.edu. References will only be contacted with permission of the candidates.

Review of applications will commence on Jan. 15, 2019; however, applications will be accepted until the position is filled. The desired target date for the new director to assume duties is Sept. 1, 2019.