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 Jeanne E. Harris Chrysalis Scholarship

The Jeanne E. Harris 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 scholarship helps them finish their degrees and bring their skills to the workplace.

Click here to donate to the AWG Jeanne E. Harris Chrysalis Endowment.
Your donation is greatly appreciated!
Don’t forget to renew your 2020 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**.

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**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!

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**Takken Student Research Presentation Travel Award**

Takken Student Research Presentation Travel Award provides women geoscience students with support to present their research at a national or international professional geoscience meeting other than the Annual Meeting of the Geological Society of America. This travel award is named for Suzanne Takken (1925–1997), an avid traveler and strong supporter of women in geoscience. Suzanne spent a long career in Oklahoma City, Oklahoma, as a petroleum geologist for a major petroleum corporation and as a consulting geologist after her retirement. She served terms as president of AWG (1989–1990) and director of the AWG Foundation (1996–1997) and was awarded the AWG Distinguished Service Award in 1993. She especially enjoyed traveling to countries in Asia and the Pacific region.

The award is to be used to help defray travel, lodging, registration fee, and other expenses associated with the presentation of the awardee’s research at a national or international professional geoscience meeting other than the Annual Meeting of the Geological Society of America.

**The application deadline is February 10, 2020.**
Visit [http://awg.org/Awards](http://awg.org/Awards) for more information.
“Race and racism in the geosciences,” Kuheli Dutt in Nature Geoscience:
Author Dutt argues that geoscience is not a diverse field, and “the less diverse a field, the less welcoming it is to minorities, and the more prevalent implicit biases become.” She overviews and explains racism vs prejudice, implicit bias, and obliviousness to bias. In her position as the Diversity Officer for a geoscience campus, she offers solutions to help on the pathway to changing some of these issues, including recognizing that everyone has an individual responsibility to address and combat racism. Read the article HERE or at https://www.nature.com/articles/s41561-019-0519-z.pdf

“Novelist Cormac McCarthy’s tips on how to write a great science paper,” Van Savage & Pamela Yeh: Cormac McCarthy is a Pulitzer Prize winning novelist whose works include The Road, No Country for Old Men, and Blood Meridian. He has spent years amassing writing and editing advice. In this article, Van Savage, a theoretical biologist and ecologist, who first met McCarthy in 2000, and evolutionary biologist Pamela Yeh condense McCarthy’s advice and thoughts into precise bullet points of wisdom. Read the article HERE or at https://www.nature.com/articles/d41586-019-02918-5?utm_source=Nature+Briefing&utm_campaign=6792bd51b5-briefing-dy-20200114&utm_medium=email&utm_term=0_c9fd39373-6792bd51b5-44573381

For The Wild is a grassroots, millennial-run organization that coalesces multi-platform education and media, direct action campaigns, and bioregional land-based initiatives to protect disappearing wild places. One of the things we do best at For The Wild is media, visual storytelling, and facilitating conversation through our podcast.

On this week’s episode, For The Wild is joined by soil scientist and purveyor of Critical Ecology, Dr. Suzanne Pierre, who reminds us that the current exclusionary and hierarchal scientific field within the academy must be repurposed into something meaningful, just, and responsible. Dr. Pierre is interested in the ways that human interactions with nature, mediated by science, labor, and freedom, have influenced local and global exchanges of the elements, energy, and social/economic power.

Find the episode HERE
Or at
https://forthewild.world/listen/dr-suzanne-pierre-on-reshaping-a-siloed-science-150
SCIENCE EDITOR OPENINGS 2021

GSA is soliciting applications for three science co-editors for the journal Geology. The four-year terms begin 1 January 2021. Duties include: ensuring stringent peer review and expeditious processing of manuscripts; making final acceptance or rejection decisions after considering reviewer recommendations; and, along with your co-editors, setting the editorial tone of Geology and maintaining excellent content through publication of a diverse range of papers. Geology editors should expect to handle 200–250 manuscripts each year, with ~35 active manuscripts on any given day.

3 POSITIONS AVAILABLE

GEOLOGY Research interests that complement those of the continuing editors include, but are not limited to: geochemistry, geomorphology, petrology, tectonics, tectonophysics, structural geology, seismology, volcanology, Earth surface processes, planetary geology, Quaternary studies, hydrogeology, and economic geology.

Note: Because of the volume of papers received by Geology and the breadth of the topics covered, editors must be willing to handle papers outside of their main disciplines.

TO APPLY

Submit the following to Jeanette Hammann, jhammann@geosociety.org:

- A letter detailing how your experience (including editorial experience) qualifies you for a science editor position, and
- A curriculum vitae

The GSA Publications Committee will review applications at its spring 2020 meeting. The Committee won’t consider incomplete applications.

Editors work out of their current locations at work or at home. The positions are considered voluntary, but GSA provides an annual stipend and funds for office expenses. DEADLINE: First consideration will be given to nominations or applications received by 15 March 2020.

A SUCCESSFUL EDITOR WILL HAVE:

- A broad interest and experience in geosciences, including familiarity with new trends;
- Experience as an editor or associate editor for a geoscience journal (experience with a GSA publication is preferred but not required);
- International recognition and familiarity with many geoscientists and their work;
- A progressive attitude and a willingness to take risks and encourage innovation;
- Ability to make timely decisions; and
- A sense of perspective and humor.

GSA encourages applications from all qualified persons and is committed to diversity.
SEPM Society for Sedimentary Geology is pleased to offer funding for sedimentary geoscience or related area students to travel to Flagstaff, Arizona, USA to attend the 1st International Sedimentology Geoscience Congress. This funding is part of an NSF Award.

A committee comprised of representatives from the congress collaborating societies will read and evaluate student applications. Applications will be evaluated based on the quality of written justification to attend and will be granted to those who have compelling reasons to attend. The committee will endeavor to include geoscience underrepresented groups as part of the awardee contingent. Per NSF in the geosciences, traditionally underrepresented groups are women, minorities (African-Americans, Hispanic-Americans, Native-Americans/Native-Alaskans) and persons with disabilities.

Eligibility:
Graduate or undergraduate students must be actively conducting study or research in disciplines relatable to sedimentary geology. Those students that are SEPM members and are already scheduled to present research at ISGC2020 will also be eligible for funding from SEPM’s Student Participation Grants Program (https://www.sepm.org/Apply-for-a-Student-Travel-Grant). Being a student member of any organization is not a requirement for application.

For the NSF sponsored awards, per NSF policy awardees must be a U.S. citizen or U.S. permanent resident.

To apply, students will need to submit the following:
1. A short abstract (maximum of one page) that details your current research or study program. If planning to present at ISGC2020, then an abstract of the work accepted for the meeting (including all co-authors and affiliations) should be submitted.
2. A statement (no more than one page) that includes your current position (e.g., PhD student), institutional affiliation, date of BS, MS or PhD (received or anticipated), society affiliation(s), a list of other sources of funding that are available, and a short explanation of why you should be chosen to receive a travel award.
3. Listing of Sessions, Workshops, Course or Field Trips at ISGC2020 that the student would plan to attend.
4. Statement of U.S. Citizenship or U.S. permanent residency
5. Indication, if applicable, of belonging to a geoscience underrepresented group.

Post-Meeting Reporting:
Awardees will receive a maximum of $2000 to be used towards their travel expenses, including congress registration and fees for courses, workshops or field trips. After the meeting, awardees will submit individual reports describing their experiences and any benefits that they gained from attending the meeting. This will be posted on the SEPM website. In addition, awardees will contribute to a group article about the meeting and its value to students. This article will be published in The Sedimentary Record.

Deadline:
Applications will need to be submitted in PDF format, to SEPM (hharper@sepm.org) by February 15th, 2020. Students will be notified of the status of their awards by February 29th, 2020.
The AWG Professional Excellence awards will go to women who, throughout their careers, have made distinguished contributions in each of the three following professional areas:

- Government/ Regulatory
- Private industry/ Consulting
- Academia/ Research

Nominations will be solicited from the AWG membership at large. Professional excellence is broadly defined, and may include accomplishments such as:

- Breadth and depth of professional accomplishments
- Mentoring of other geoscience professionals
- Outreach and service activities
- Membership in professional societies

Nominees need not be members of AWG and those without memberships will receive a one-year professional membership with their award. Recognition will be made at the GSA Annual Meeting and other appropriate annual meetings, in GAEA and online E-News. Nominations can be submitted using the following link, which can also be found on the AWG website at www.awg.org/awards. If you do not have a google account, please submit your nomination as one complete PDF package to proexcellence@awg.org.

1. A one to two-page letter summarizing the nominee's most important accomplishments in professional areas that demonstrates multidisciplinary geologic accomplishments within their realm of expertise;
2. The nominee's CV
3. Two letters of support, which can be from non-members of AWG, with a maximum of five letters.
4. Specify which of the three awards for which you are nominating.

Nomination deadline: June 15th each year (please note new date!)
# Past Professional Excellence Award Winners

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<thead>
<tr>
<th>Year</th>
<th>Category</th>
<th>Name</th>
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<tbody>
<tr>
<td>2019</td>
<td>Government/ Regulatory</td>
<td>Lynn Wingard</td>
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<td>2019</td>
<td>Industry/ Consulting</td>
<td>Tumur Sainzaya</td>
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<td>2019</td>
<td>Academia/ Research</td>
<td>Jennifer Roberts</td>
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<td>2018</td>
<td>Government/ Regulatory</td>
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<td>2018</td>
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<td>Esther Babcock</td>
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<td>2018</td>
<td>Academia/ Research</td>
<td>Lesley-Ann Dupigny-Giroux</td>
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<td>2017</td>
<td>Government/ Regulatory</td>
<td>Kathy Sullivan</td>
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<td>2017</td>
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<td>Lisa Gusek</td>
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<td>2017</td>
<td>Academia/ Research</td>
<td>Alycia Stigall</td>
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<td>2016</td>
<td>Government/ Regulatory</td>
<td>Diane Moore</td>
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<td>2016</td>
<td>Industry/ Consulting</td>
<td>Enkhtuya Chuluunbat</td>
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<td>2016</td>
<td>Academia/ Research</td>
<td>Mary Anne Holmes</td>
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<td>2015</td>
<td>Government/ Regulatory</td>
<td>Joan Gomberg</td>
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<td>Janell Edman</td>
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<td>2014</td>
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<td>Marie Marshall Garsjo</td>
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<td>2014</td>
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<td>Nancy House</td>
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<td>Academia/ Research</td>
<td>Gwendolyn Macpherson</td>
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<td>2013</td>
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<td>Vicki Cowart</td>
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<td>2013</td>
<td>Industry/ Consulting</td>
<td>Jeanne Harris</td>
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<td>2013</td>
<td>Academia/ Research</td>
<td>Ellen Thomas</td>
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<tr>
<td>2011</td>
<td>Academia/ Research</td>
<td>Patricia Kelley</td>
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Announcing New GSA Division Award for Career Achievement in Petroleum Geology

Boulder, Colo., USA: The Curtis-Hedberg Petroleum Career Achievement Award has been established by the Energy Geology Division of The Geological Society of America (GSA) and will be awarded in 2020 at the GSA Annual Meeting in Montréal, Canada.

The award will go to a GSA member who has had a career in petroleum geology and has made contributions to the discovery of petroleum reserves or the development of a new idea(s) and/or technology that increased petroleum resources. Considerations will be given for nominees’ publications as well as contributions to geoscience societies and institutions.

Nominations are heartily encouraged and solicited from both GSA members and non-members. They are due by 1 March 2020 and should include the nominee’s CV and two letters of support. Submit nominations to Laura S. Ruhl, at lsruhl@ualr.edu.

Learn more at https://community.geosociety.org/energydivision/awards/curtishedberg.

Contributions to support the award can be made via the GSA Foundation at https://gsa-foundation.org.

Background: The award honors two former GSA presidents with outstanding contributions to petroleum geoscience, Dr. Doris Malkin Curtis and Dr. Hollis Hedberg.
AGI Launches Geoscience Women in STEM Website

ALEXANDRIA, Va. — The American Geosciences Institute (AGI) is pleased to announce the launch of its new Geoscience Women in STEM website, providing Earth science teaching and learning resources inspired by the work of leading women geoscientists, with generous support from Lyda Hill Philanthropies.

AGI is unveiling the site, in cooperation with its publishing partner Nautilus, to strengthen geoscience education through the stories of women in geoscience, including some recently selected as AAAS IF/THEN Ambassadors by IF/THEN®, an initiative created by Lyda Hill Philanthropies to encourage and elevate the participation of girls and women in science, technology, engineering, and math (STEM) fields. The site offers curriculum connections that focus on the Next Generation Science Standards in Earth and Space Science and illuminate ways that STEM topics can be explored across traditional disciplinary boundaries.

The Geoscience IF/THEN® site is structured around geoscience education experiences and activities inspired by the careers of four STEM leaders:

- Geobiologist **Hope Jahren**, a renowned expert on the chemical composition of plants and trees;
- Particle physicist **Jessica Esquivel**, a researcher at Fermi National Accelerator Laboratory and a AAAS IF/THEN® Ambassador;
- Climate policy expert **Shyla Raghav**, vice president of climate for Conservation International and a AAAS IF/THEN® Ambassador; and
- Entrepreneur **Jasmine Sadler**, aerospace engineer and CEO of The STEAM Collaborative and a AAAS IF/THEN® Ambassador.

The January 2020 launch of the site focuses on Hope Jahren, who is also the author of the bestselling memoir **Lab Girl**. Using a Nautilus interview with Dr. Jahren as a catalyst, the site offers a collection of education activities through which students can explore issues surrounding her career path, the chemistry and biology of trees, and the carbon cycle. Education resources and activities relating to the additional three women geoscientists will be featured on the website in the coming months.

"The storied careers of these women serve as potent inspiration to the next generation of female geoscientists," said AGI Interim Executive Director Sharon Tahirkheli. "But they also offer more. Through the Geoscience Women in STEM website, young people and others can explore the scientific trails blazed by these innovators, using the women's work as a starting place for their own journeys in geoscience."

Hosted within the Earth Science Week website, the Geoscience Women in STEM site furthers the theme of AGI's Earth Science Week 2019 campaign — "Geoscience Is for Everyone" — which provided information, materials, and activities emphasizing both the inclusive potential and the importance of the geosciences in the lives of all people.

*Continued on next page*
About IF/THEN®

IF/THEN® is part of Lyda Hill Philanthropies' commitment to fund game-changing advancements in science and nature. IF/THEN® seeks to further advance women in STEM by empowering current innovators and inspiring the next generation of pioneers. Rooted in a firm belief that there is no better time to highlight positive and successful female professional role models, IF/THEN® is designed to activate a culture shift among young girls to open their eyes to STEM careers by: (1) funding and elevating women in STEM as role models, (2) convening cross-sector partners in entertainment, fashion, sports, business and academia to illuminate the importance of STEM everywhere, and (3) inspiring girls with better portrayals of women in STEM through media and learning experiences to pique their interest in STEM careers. To learn more, visit www.ifthenshecan.org or follow IF/THEN® on Facebook, Twitter, Instagram, and LinkedIn.

About AAAS IF/THEN® Ambassadors

AAAS IF/THEN® Ambassadors were selected through a rigorous process by IF/THEN® and the American Association for the Advancement of Science (AAAS), the world’s largest general scientific society with the mission to advance science and serve society. The full list of women selected as AAAS IF/THEN® Ambassadors can be found at www.ifthenshecan.org/ambassadors.

About Lyda Hill Philanthropies

Lyda Hill Philanthropies encompasses the charitable giving of founder Lyda Hill who believes that "science is the answer" to life’s most challenging issues and is committed to funding transformational advances in science and nature. To learn more, visit www.lydahillphilanthropies.org.

About Nautilus

Nautilus is a different kind of science magazine. Online, in print, and in the classroom, Nautilus leverages deep, undiluted, narrative storytelling to bring science into the largest and most important conversations we are having today. After all, that is where modern science — which is so personal, pervasive, spiritual, and transformative — deserves to be. Nautilus challenges the reader to consider the deep, mysterious connecting tissue that runs through the sciences and connects them to philosophy, culture, and art. Find out more at nautil.us.

About AGI

The American Geosciences Institute (AGI) is a nonprofit federation of more than 50 scientific and professional associations that represents over a quarter-million geoscientists. Founded in 1948, AGI provides information services to geoscientists, serves as a voice of shared interests in the profession, plays a major role in strengthening geoscience education, and strives to increase public awareness of the vital role the geosciences play in society's use of resources, resiliency to natural hazards, and interaction with the environment. Learn more at www.americangeosciences.org.

The American Geosciences Institute represents and serves the geoscience community by providing collaborative leadership and information to connect Earth, science, and people.

AGI Contact:
Geoff Camphire, Communications
gac@americangeosciences.org
As part of our recently NSF-funded Critical Zone Research Coordination Network, “Building capacity to deepen the critical zone: expanding boundaries and exploring gradients through data-model synergy,” we are actively working to increase the diversity, inclusion and access of researchers in “critical zone” science—earth surface sciences including hydrology, geology, atmospheric science, ecology, etc.—to bring in new ideas and new questions.

We’re hoping to engage undergrads, grads, postdocs, and early career faculty, in particular!

We’ll be running a series of online panels entitled “Growing the Critical Zone Research Network” through the Consortium of Universities for the Advancement of Hydrologic Science Inc. (CUAHSI)’s Cyberseminars in February of 2020 (registration and more information here: https://www.cuahsi.org/education/cyberseminars/winter-cyberseminar-series). This series will introduce basic concepts in CZ science to those not totally familiar with this field but interested in getting involved. Our four webinars are:

**Panel 1: Measuring the critical zone (5 Feb 2020, 1-2 pm ET)**

**Panel 2: Modeling the critical zone (12 Feb 2020, 1-2 pm ET)**

**Panel 3: Understanding change in the critical zone (19 Feb 2020, 1-2 pm ET)**

**Panel 4: Diversity, inclusion and access in critical zone science (26 Feb 2020, 1-2 pm ET)**

Visit https://sites.google.com/view/czrcn for details on the seminars and the RCN at large.

There will also be a workshop at **Colorado School of Mines next June 22-25, 2020** (more info to come here: https://sites.google.com/view/czrcn). Travel funds will be available for people to participate.
Despite a bit of a slow start, our inaugural year as an AWG Student Chapter and as a UC Davis Registered Student Organization has been a success! We had three Chapter meetings this year, of which the first two were well attended.

We workshopped several ideas for upcoming events, and formed a grant committee and a bylaws revision committee. The grant committee secured funding for our Spring event through a university grant, and our bylaws revision committee has completed the necessary revisions to our bylaws, constitution, and code of conduct.

During Fall quarter, we hosted an event titled “Pathways to Grad School,” aimed at undergraduate students interested in pursuing a graduate degree (~20 attendees). We invited a panel of graduate students from diverse backgrounds with a variety of experiences between undergraduate and graduate school to address any questions brought forth by the undergraduates. The format of the event was Q&A; most questions were related to the graduate school application process, and how to decide on a particular school.

One of our most successful events, “Coffee with Faculty and Staff,” was well-attended (10-15 students) and was held in Fall and Winter. During this meeting two female faculty or staff members were invited to discuss their pathways to academia and what they learned along the way. In future years this event will happen once per quarter.

During Winter and Spring Quarters, we worked closely with the undergraduate Geology Club to develop a short seminar series for undergraduate students to better understand how graduate school operates. During these presentations, which we titled the “What We Do” seminar, a graduate student would briefly present on their experience including research, coursework, lab-work, field-work, managing lab spaces, and the daily routines of working as a graduate student.

For our Spring event, which we titled “GeoCareer Pathways Outside of Academia,” we invited a panel of professional women geoscientists from both industry and governmental agencies in Sacramento to be part of a Q&A with our department. Our invited panelists are members of the AWG Sierra Chapter. The event was well attended (~30 undergraduate students, ~7 graduate students), and our speakers came with great advice for students about career pathways in state and/or industry. The Q&A session was followed by open networking time for the students to introduce themselves to the speakers and discuss internship/career opportunities. The event was aimed at undergraduate students and was mostly attended by junior and senior-level students.
University of California Davis holds an annual public outreach event, “Picnic Day,” during which different departments throughout the university create interactive displays or small experiments showcasing interesting research, uncommon analytical instruments, or fun scientific facts. In the geology department, AWG created a photobooth, with geologically themed backdrop and props, for public participation. We encouraged the public to take photos using our photobooth and post to social media using the hashtags: #ThisIsWhatAScientistLooksLike, and #AWGUCD. We had ~40 participants ranging from young children to teenagers to adults.

Throughout the year we developed and implemented a mentorship program that pairs undergraduate and graduate students who share similar academic interests. The goal of this program is to provide undergraduate students with opportunities to discuss research experience, writing assistance, career/grad school advice, and/or general support for aspiring geologists. We aim to keep the setting casual yet collegial so undergraduate students feel comfortable discussing any questions or issues they might have, while also maintaining the mentee-mentor relationship. This pairing also gives graduate students the opportunity for a leadership/mentorship role.

Currently we are planning a graduate school application workshop, and a “field-camp preparedness” workshop for students with little experience in the outdoors. We also hope to increase our online presence over the next couple of years as well as holding fundraisers to help support our workshops and events.

Attention all Arizona AWG members!

Anyone with interest in creating a NEW Arizona AWG chapter (separate from the student chapter) please contact Elizabeth Pottorff at epttrff@yahoo.com.
Chapter News

Salt Lake Chapter: 31st Annual Scholarship Benefit!

The Board of the Salt Lake Chapter of the Association for Women Geoscientists is excited to announce a new venue for the:

31st Annual Salt Lake Chapter Scholarship Benefit!

Please join us Saturday, March 28th, 2020, 7 to 9 pm at Publik Space, adjacent to Publik Coffee, 975 S West Temple in Salt Lake City.

This is a beautiful venue located just a block and a half from the 900 S Trax station. It will be the perfect venue to award an extra $3000 Ekdale Field Camp Scholarship made possible by 30 years of fundraising. Stay tuned for an announcement of all of our scholarships.

We will start collecting donation items in the coming months, but for now, we are looking for a small team of dedicated volunteers to make this gala extra special. Please reach out to us via email or our Facebook page to be part of the effort.

Our second planning meeting will be held on January 30 at 6PM at Craft by Proper (1053 E 2100 S, Salt Lake City, UT 84106). We’d love to see you and extend a warm welcome to any new faces wanting to be more involved with AWG!

With the start of new year, we welcome your tax-deductible donation. Since 1994, the Salt Lake Chapter has awarded scholarships to over 75 female geoscientists and provided dozens of science fair winners with cash and prizes, so you know your donation will go to serve women and girls in science. If you would like to donate, please mail a check to:

AWG Foundation
c/o AWG-Salt Lake Chapter
PO Box 58619
Salt Lake City UT 84158

If you would like to specify which of your favorite Salt Lake Chapter awards your donation should be credited, write one of the following in the memo line:
- Ekdale Field Camp Scholarship
- SL Research Scholarship
- Outstanding Female Geo. Student Award
- Lee Allison Professional Development Award
- SL Science Fair Judging

Thank you and Happy New Year from the Board of AWG-Salt Lake Chapter!
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!

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

Thomas R. Williams, Williams GeoAdventures

www.geology-adventures.com