Harris-Chrysalis Scholarship: Where are Past Awardees Now?
By Rene Shroat-Lewis

Since its inception in 1996, the Association for Women Geoscientists Jeanne E. Harris Chrysalis Scholarship has provided degree-completion funding for women geoscience graduate students whose education has been significantly interrupted by life circumstances. Awarded funds are intended to cover costs associated with completion of her thesis/dissertation, beyond what is traditionally covered by primary research funding. Previous winners of the scholarship have gone on to do great things with their geoscience degrees. With this in mind we want to catch up with past recipients to ask a few questions about how the scholarship helped kick-start their new career.

In 2003, Kathleen “KT” Moran won the Chrysalis Scholarship as a Master’s student at Louisiana State University. Here, KT shares her background and the impact of winning the Jeanne Harris Chrysalis award.

KT: I dropped out of high school to help my single mother. After receiving my GED, I attended a community college and earned my AA degree. I worked my way through college as I could afford it, which took me eight years. I discovered geology while working as a bartender and jewelry artist. I finished my Bachelor’s at 26, and began working on my graduate degree. I had to leave the program to have my son, and was unable to finish because of domestic violence. I spent three years fighting to keep my child safe before I was able to return to finish the degree I’d started. I graduated at the age of 33.

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Dear AWG Members,

I hope this issue of Gaea finds you all healthy and well. As I’m writing this letter, my family and I are still sheltering in place and working and learning from home to prevent the spread of the coronavirus. I’ve been teaching kindergarten and preschool lessons in the morning to my 6 and 4 year old daughters. My husband and I are trying to split our days to accomplish both work and childcare. I’m sad I can’t get out to my field sites to collect data and samples or meet with my graduate student in person as he struggles to finish his thesis and classes to complete his master’s degree this spring. All this change occurred so suddenly! I had the good fortune to be able to participate in the AWG field trip to New Zealand before travel was restricted. Fortunately, the weather on the trip was great, and we all avoided any injuries or major illnesses during our adventures! And, spring has arrived so my home office can be my backyard!

I know you all have your own unique stories and situations as we deal with our new normal. Thank you to all of you who have been willing to share your stories through AWG newsletters! I want you to know that all of us in the AWG leadership are thinking of ways we can support you in these trying times and always. In mid April, the AWG Board of Directors met for a day and a half via zoom meetings to get updates from all the regions and chapters and make plans for our future. You should all be proud of your regional delegates! They are working so hard for you! Every region was represented throughout the weekend! We welcomed our new members to the board following our off-cycle winter election to fill board vacancies, including: Noelia Carmona as President-Elect, Tamie Jovanelly as our Communications Coordinator and Web Manager, Lydia Tackett as a Rocky Mountain Regional Delegate, and Renata Netto as an International Regional Delegate. We had great discussions about future collaboration and partnership opportunities, planning events to advance geoscience careers for all, and sharing resources for earth science education.

One of the topics that we discussed at length included what we can do to make AWG more inclusive. One step that we are taking immediately is to remove the gender question from our membership application forms. This field has not been a requirement for some time, but the binary options generated by our database left some members of the community feeling excluded. In our history of maintaining a database of

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of members, we have never queried or used the gender information that we collect in our system. AWG remains an association FOR women geoscientists, meaning that gender does not matter for our membership. The only expectation is that you support a diversity of people in geoscience professions and educational programs.

I want you all to know that we continue to offer resources to support you all. Although travel is restricted and funds have been promised for this year, our Distinguished Lecturer Program is still up and running. Our list of speakers is revised and refreshed and now includes speakers who are willing to give virtual presentations. Please consider contacting these speakers to hold virtual events to stay connected with your geoscience community! Scholarship and award applications are still being accepted to support our student members and recognize the outstanding achievements of professional women in the geosciences. Mentoring365 is always available on a virtual platform, so you can request a mentor or volunteer as a mentor at any time. Now is a great time to take advantage of these opportunities! AWG is also always looking for volunteers on the Board of Directors or project committees. Please contact us at any time to get connected to serve and lead AWG.

As always, I want to remind you that AWG wants to hear from you! You are welcome to share milestones, achievements, concerns, and struggles so we can better understand how we can support you and all of our members.

Please stay safe and healthy!
Sincerely,
Lisa Tranel
AWG President 2019-2020
Greetings from the AWG Foundation

By Jenny Thompson – AWG Foundation President

Why should we support AWG and the AWG Foundation in pandemic times?

Many charities are competing for your attention right now. Some have extremely urgent needs. So why should AWG and the AWG Foundation stay on your list of philanthropic priorities?

• We are building the future that the world needs as it emerges from today’s pandemic environment.

• The work we do now, funding scholarships, awards, and training opportunities for women in geoscience, will help diversify the geoscience workforce AND make it possible for more women to work in well paid jobs that can support their families.

• Stopping this work now will result in a gap that will be impossible to fill 5-10 years from now.

• Outreach to encourage girls to study STEM is critical to continue the momentum and increase the diversity in our geoscience workforce.

We need to build for the future while we handle the present!!

The coronavirus pandemic has put a dramatic pause on life as we know it. Everyone is feeling the impact of the pandemic in some form or another. During the last few months as we have been social distancing I have been through emotional highs and lows as I observed that women in geoscience are making progress and at the same time we are still challenged to achieve equal opportunity in our chosen field.

The positives include a slate of candidates for AAPG that includes a number of outstanding women candidates and a list of SEG Distinguished/
Honorary lecturers for the first half of 2021 have been announced and they are all women. I have been volunteering my time as a mentor for the SEG Evolve student program and I am encouraged by the outstanding young women who are participating and, in many cases, taking leadership roles on their teams. Evolve has 25 teams around the globe who began the program in January 2020 and have continued their efforts to complete the project despite the challenges of social distancing, access to software, computers, and reliable internet access.

On the flip side there have been some recent conversations on social media that highlight how our professional societies are struggling with value proposition and effective support for diversity and inclusion. There are women geoscientists who are questioning the value of being part of an industry that continues to be plagued by examples of implicit bias that impact their ability to participate and succeed in their field of expertise.

Innovation and creativity are alive and well as we are challenged to continue our efforts for education and meaningful work in the field of geoscience. As field courses, school, technical conferences and work are conducted virtually we will be looking for new ways to continue learning and working and supporting the women in geoscience.

Please consider donating to the AWG Foundation supporting AWG’s programs that provide helping hands to the next generation of women preparing for careers in the geosciences or providing encouragement to those who currently work in geoscience careers.

Thank you to all of you who work on or contribute to the great work of AWG. We could not do what we do without your volunteer efforts. Please join me in supporting AWG through the Foundation. Your contributions are what makes the AWG projects possible. You can donate online at www.awg.org. You can also send a check to the AWGF Treasurer at the address listed below. Please include your contact info as in the form below. As always, we thank you for your support of the AWG Foundation, and we will keep right on asking for more.

AWG Foundation Board

SUPPORT AWG PROGRAMS DONATE TODAY!

Enclosed is my contribution of $____________
Please use my contribution for:
___ AWGF General Fund (supports greatest need)
___ Other: ______________________
Name: ____________________________________________
Address: __________________________________________
City/State/Zip: _________________________________
Phone or e-mail: _________________________________

Mail to: Kate Johnson, AWGF Treasurer, 652 Glimmerglen Road
         Cooperstown, NY 13326
Or donate online at www.awg.org
I am the first scientist in my family. I worked in oil for a short time, then went in to State regulation as a groundwater expert, then consulting for 12 years, specializing in industrial and DoD contamination projects. I now teach earth science, oceanography, environmental science, and geology at Polk State College. I am a recent recipient of a community-based learning fellowship, and am co-director of the Global Studies program at PSC, which has led to study-abroad trips to Guadeloupe (with a grant from the French Embassy). I’ll be taking a group to Costa Rica in August, rescheduled from March owing to COVID-19, where we’ll focus on field skills and scientific literacy for citizenry.

Did the scholarship help you achieve your goals?
How so?
Absolutely. I used the funds for travel back to Louisiana to defend.

Do you think you would have finished without it?
It was in serious risk. I do not think I would have been able to finish without Chrysalis.

What would you say to other female graduate students about the scholarship?
We NEED goal oriented problem solvers in the workplace. Someone that has ‘taken the hit’ to their own professional progress so that they can deal with life challenges should be rewarded! Chrysalis cannot provide a direct reward for making this choice, often for the benefit of others – but women should absolutely be given a hand up so they can finish their degree; we all receive the benefit of having them in the professional realm. Helping others should not be a ‘life sentence’ to miss out on our own professional opportunities.

We’d like to thank KT for sharing her story and for her dedicated service to the Jeanne E. Harris Chrysalis Scholarship. If you are a past recipient and would like to be featured in our quarterly article, please contact René Shroat-Lewis at rashroat-lew@ualr.edu.

KT Moran following a "bath" in the Volcan de Lodo El Totumo (mud volcano) in Cartagena, Columbia last summer. She notes: "This is why the best traveling companions are geologists!"
Penn State

My name is Joanmarie Del Vecchio, and I am a Ph.D. student studying geomorphology and a past president of the Penn State student chapter of AWG. We want to share with you how our organization has established programs that broaden access to knowledge required to succeed in academia and industry, support underrepresented groups in the field, and facilitate communication between students, faculty and industry. Our chapter’s goal is to highlight and combat the challenges faced by an increasingly diverse geoscience community. We plan events and mentorship with the acknowledgement that geoscience students at Penn State and beyond face a number of barriers to successfully completing geoscience degrees and entering industry and academia.

Our chapter was established in 2012 by women graduate students who aimed to increase the visibility of the unique challenges of being a woman in science. Since that time our club has actively engaged with students, faculty and administrators to improve department culture, mainly through student-led initiatives. To promote open discussion of challenges faced by members of the geoscience community, graduate students and some faculty lead “brown bag discussions,” lunchtime events in which a topic is chosen and background reading is disseminated. Participants are encouraged to read, express their thoughts and ask questions. We’ve covered topics like impostor syndrome and mental health resources and coping strategies. We also discuss how the lack of diversity in faculty prevents students from having role models and building their own scientific identities. Many times department administrators sit in on discussions and note changes or improvements to be made. Specific discussion topics over the years include: disparities in recommendation letters for women, which resulted in a letter from graduate students discussed in a faculty meeting; accessibility in geosciences, which featured a presentation on virtual-reality field trips; anxiety and mental health in academia, which featured reading an excerpt from Lab Girl by Hope Jahren; impostor syndrome; male allyship in academia; chronic and invisible illnesses; and LGBTQ+ inclusion.

One of the most popular type of event put on by our AWG chapter is the visiting speaker breakfast. AWG invites visiting women, LGBTQ+ and other allies visiting the department for breakfast or afternoon coffee and informal discussion. Visitors share their experiences, challenges and advice with students, providing diverse ideas about what it means to be a scientist. Speaking from personal experience, these breakfasts are among the most important experiences in my scientific career. These meetings allow women in science across career stages space to be reflective and honest; too often such openness and vulnerability is discouraged in the work environment, but these breakfasts allow everyone to share their experiences.

In addition to career and personal development, our chapter offers geoscientists the opportunity to mentor other curious minds in the field. Our mentorship program pairs interested undergraduate students with graduate student mentors to provide advice on getting involved in research, careers and applying to graduate school. Mentors are given stipends for monthly coffee or lunch breaks for fun, informal mentoring sessions. We also organize graduate school panels, graduate school application writing workshops and practice sessions for senior thesis presentations.

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This spring has been full of adventures for many of us, working from home, tending kids, looking for creative ways to learn and continue having experiences. Here are a few submissions from our members.

**Submitted by Janet Wert Crampton, Rockville MD**
I no longer work for pay (we oldsters volunteer), and I usually go on as many geology field trips as possible. All real field trips are cancelled, still plenty of places to go.

I am dressed for today’s virtual field trip in San Francisco, Streetcar2Subduction, both the new AGU-100 version with shorter stops, and the older, longer set of locations. Last week I went to Mojave Desert to see granitoids, and to Santa Fe College in Florida to stroll Mike Patrick’s new boulder rock garden. T-shirt is from New York Earth Science Teachers Assoc 3d Field Conference in 2016 at SUNY Oneonta. The design is a smiling Devonian cephalopod.

Should you want to go field tripping, here are some links:

- AGU-100  [https://www.youtube.com/playlist?list=PL71hm2Mh3MZ6rWKOTpFBV7WxYuBhcCo9](https://www.youtube.com/playlist?list=PL71hm2Mh3MZ6rWKOTpFBV7WxYuBhcCo9)
- Rock Cycle Garden at Santa Fe College  [https://www.sfcollege.edu/rockcycle/index](https://www.sfcollege.edu/rockcycle/index)

Happy Trails and Cheers, Janet

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**Submitted by Sharon Bywater-Reyes**
I have had to teach my Geomorphology course remotely so we have been doing a compilation of remote observations about rivers. Check out our MapTour!  [https://arcg.is/15PT1b](https://arcg.is/15PT1b)

Sharon Bywater-Reyes, *she her hers*
Assistant Professor
Environmental Geosciences
Earth and Atmospheric Sciences Department
University of Northern Colorado
email: sharon.bywaterreyes@unco.edu

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Working from Home—Continued from page 8

Submitted by Michelle Pittenger—Staff Geologist, Gulf Coast BU-ConocoPhillips

Took advantage of the WFH order to set up my office at our cabin in the beautiful New Mexico mountains! Social distancing to the max!

Submitted by Gaea Coordinator Shawn Blaesing

Working from home for me includes Teams calls with cats crawling on me and helping my kids learn a few great lessons they don’t get at school. Son Joshua making his first Omelets.

AWG Chapters 2019-2020

AWG has chapters throughout the world. To keep up to date with chapter activities, select the link for your chapter of interest:

U.S. CHAPTERS: Pacific region—Pacific Northwest, Sierra, San Francisco Bay Area, LA /Orange County, CSU Northridge*, Southern AZ, San Diego State U*, UC Davis*, Inland Empire, UNLV*

Rocky Mountain Region—Montana, Salt Lake, Laramide, North Dakota, Red Rock (SO Utah)*, Black Hills*, Williston Basin, Mid-Michigan*

North Central—Minnesota, NE Cornhuskers, Great Lakes, UW Madison*

South Central—Baylor*, Osage, Oklahoma City, Lone Star, Ozarks HAWGS, OSU Cowgirls*, Ragin’ Cajuns*, Sun City (El Paso)

Northeastern—Penn State University*, DMV, James Madison*

Southeastern—Southeastern Bluegrass, Florida, William and Mary*, UT–Martin*, JMU*, Vanderbilt*, Northern FL

INTERNATIONAL CHAPTERS:
Calgary, Patagonia, Dalhousie*, Mongolia, Southeast Asia, Ireland
*student chapters
“[My mentor, Ph.D. candidate Claire Cleveland] willingly answered any questions I had about classes to take, what internships would help me get experience in the field, and how to apply to grad school,” wrote Priyanaka Bose, PSU ’18 and current Ph.D. student at Virginia Tech. “Claire was my go-to person to discuss research presentations (and how to build my oral presentation skills), and how to manage my time once I got involved in everything I wanted to do. Even after graduating from PSU, Claire and I have still kept in touch and she has helped me through some hard times during my first year of grad school.”

We also participate in K-12 outreach throughout the year by providing hands-on geology activities at community outreach events. In one of our most exciting events in recent times, we collaborated with the visiting Bearded Lady Project exhibit at our Earth and Mineral Science Museum to bring 120 middle and high school girls from 10 different counties across the state to watch the documentary, do a museum/gallery scavenger hunt, talk with a panel of graduate students, and learn the basics of geology and the diversity of sub-disciplines and career opportunities.

This past year at AGU’s annual meeting, we presented our chapter as a model for other student organizations at a session titled “The Next Generation of Geoscience Leaders: Contributions from Graduate Students and Early-Career Scientists.” The session was convened by and for graduate students to present “student-led efforts to close gaps in diversity, inclusion, equity, and access in the Geosciences, transform our scientific landscape and provide enriching professional development experiences for the next generation of Geoscience leaders.” The poster session was a refreshing change from stuffy technical sessions; student leaders mingled and shared ideas about the future of the geosciences. PSU AWG representatives were on hand to present and exchange ideas with other presenters. The experience made me hopeful for the future leadership of academia and industry to foster more inclusive environments.

https://sites.psu.edu/awgpennstate/files/2020/01/AWG_AGU_2019.pdf

Our chapter’s events and members have had a noticeable and positive impact on department culture. Examples of administrative support for other diversity and inclusion initiatives include equal representation of men and women in our department colloquia, monetary support for diversity and inclusion projects proposed by students and faculty, and a graduate-level seminar on diversity and inclusion in the geosciences. Members of our chapter have gone on to initiate their own discussions on science advocacy and diversity issues in the department, university and workplace communities. PSU AWG’s visibility empowers student leaders to make positive change in their communities. However, the geosciences at Penn State and beyond are still a challenging place to be a woman, and those challenges are multiplied for minoritized groups in science. Our chapter recognizes the value of an inclusive and accessible geoscience community for all, which is our goal for years to come!
Chapter News

Chapter News - UC Davis
We have continued our “What We Do” seminar, short graduate student presentations aimed at introducing undergraduate students to the different labs and diversity of research at UC Davis. We have also continued our very popular “Coffee with Faculty” seminar series, where two invited faculty members discuss their career path with graduate students. We recently hosted a field-course preparedness workshop where we taught students basic skills necessary for camping, hiking, and field geology. This workshop included demonstrations of what to include in a day pack and overnight pack, basic first aid, how to go to the bathroom in the field, how to deal with periods in the field, and how to pitch a tent, among many other topics. While the workshop had low enrollment (5 students), our hope is to continue to develop and improve this workshop and offer it annually for students who are interested.

Photo caption: Former UC Davis Student Chapter President, Elaine Young, demonstrates the pros and cons of different types of sleeping pads.
Chapter News - Williston Basin AWG

Continued Page 13
Penn State Chapter Event Pictures

Photos Captions in clockwise order from the Pie (right side first).

AWG fundraisers usually involve cooking competitions
Past president Chloe Stanton presents the AWG poster at AGU 2019 in San Francisco
Telling geologic stories to middle school girls in an outreach activity (Left Side—bottom up)
Current president Gabi Harris with panelists on a discussion of women in science
Ben and Elena coordinated visiting speaker breakfasts, possibly the most important job in the chapter!
Submitted by Marcia Knadle
Here are a series of resources celebrating and studying Mt St Helens 40 years after the eruption.

Here's a link to the Pacific NW Chapter's May 16th Zoom meeting presentation by Sheila Alfsen of Mount St. Helens -- Then and Now. This is one of the talks Sheila has on AWGs Distinguished Lecture list. She's president of the Geological Society of the Oregon Country, so that's why it's posted to their website. https://www.gsoc.org/

The Pacific NW Seismic Network is hosting a series of presentations that should be available as recordings. https://pnsn.org/blog/2020/05/11/st-helens-40th-anniversary-program

Chris Jonienz-Trisler has provided a FEMA podcast https://www.fema.gov/media-library-data/1589811420933-c62f1218da0549e24c437d6989b51f96/StHelens_Final_Remix.mp3

“FEMA just posted a FEMA podcast with myself & two colleagues about the Mt St Helens eruption. I draw a verbal “picture” of the event. Jay LaPlant, Tribal Liaison, describes his Montana teenage experience of the ashfall there. Ryan Ike, Public Affairs Division Director, who was a small child during the heavy ashfall in Spokane, interviews his mother, Elaine Ike, former Community Relations Specialist, to describe from a parent’s perspective the necessity of wearing masks, healthcare concerns about the ash & school being canceled through the end of the year. Sound familiar? See Episode 69: 40th Anniversary of the Mount St. Helens Eruption.”

Mindy Brugman has sent me 3 links to various news clips and articles. The first 2 include short interviews with Carolyn Driedger (USGS-CVO) -- too bad CBS mispronounced her name (it's a long e). I had to load that one twice to make it work. However, it does raise interesting questions about our society's ability to judge the balance between protecting business and protecting lives. https://www.cbsnews.com/video/looking-back-at-the-mount-st-helens-eruption/

And from a Vancouver perspective: https://www.citynews1130.com/video/2020/05/15/remembering-mount-saint-helens-40-years-on/

An article featuring AWG-PNW member Cathie Hickson's eruption memories: https://newsinteractives.cbc.ca/longform/mount-st-helens-eruption-may-1980

June 9, 10 pm EDT on National Geographic channel (you’ll need to check your local listings) -- Don Swan-son will be featured in 'Surviving the Mount St. Helens Disaster'

Additional Resources:
USGS Top Story is online: Mount St. Helens’ 1980 Eruption Changed the Future of Volcanology Ryan McClymont

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Updated Photo Release Form

Is your chapter involved in outreach to young people? Does your chapter have a website? Do you post items on social media? We need to be mindful of the rights of members and participants included in photos, and respectful of how we use their photos. AWG’s Board of Directors recently asked the Forms Committee to improve the Association’s photo release form for this age of communication by print and by social media. Here is the Link to form:

Please print this new form and have it signed whenever members and chapters photograph participants at events. The new form breaks down the various uses so that participants and parents of minors can easily select how images may be used. This form also covers the use of photos in Chapter Reports, and is critical as your Editing team includes Chapter News in ENews and Gaea, often accompanied by photos from the Chapter Reports. Thank you for your attention to this issue!

Field Trip Postponed Until 2021

AWG’s N. Calif. San Andreas Fault Field Trip is Postponed to September 2021

In response to the ongoing coronavirus pandemic, AWG and Williams GeoAdventures have decided to postpone this year’s AWG field trip to the Northern California San Andreas Fault a year to September of 2021. The dates will be similar (Sept. 10-17, give or take a few days either way), and while we cannot guarantee the same price, we don’t expect it to be significantly higher. We’ll re-advertise the trip in late winter or spring of next year.

Mt Saint Helens continued from page 14

USGS Volcanoes on Facebook and Twitter: Forty Years Ago at Mount St. Helens daily posts by Liz Westby (many excerpts from Richard Waitt’s book plus images), artfully told, each post gleams hundreds of ‘Likes’ daily and many public comments. https://www.facebook.com/USGSVolcanoes/


USGS Library: 40 Years Later: The Eruption of Mt. St. Helens and the USGS Response: https://usgs.libguides.com/msh40 Additionally, a longer term effort is in progress to interview USGS staff who worked at Mount St. Helens in the 1980s.

USGS Youth and Education: New materials have been placed on these USGS education-focused websites. Learning from home; Youth and Education in Science; and Mount St. Helens special resource materials. Eleanour Snow, Holly Nickle, and Diane Garcia point to these resources.

Happy watching and listening! Marcia Knadle
AWG Awards and Scholarships

2020 AWG Awards for Professional Excellence

AWG is calling for nominations for three annual Professional Excellence awards. The awards will go to women who, throughout their careers, have made distinguished contributions in one of the three following categories:

- Government/regulatory agencies
- Private industry/consulting
- Academia/research

Nominations are solicited from the AWG membership at large

Professional excellence is broadly defined and may include:

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

Nominees need not be members of AWG. Non-member awardees will receive an honorary one-year membership with their award. Award recognition will be made at the GSA Annual Meeting, as well as in GAEA and AWG E-News.

2020 nomination deadline is June 15, 2020. To nominate, please submit the following items as electronic files (pdf preferred):

- Send a one- or two-page letter summarizing the nominee's most important accomplishments in professional areas that demonstrate multidisciplinary geologic accomplishments within her realm of expertise
- The nominee's CV
- Two letters of support, which can be from non-members of AWG, with a maximum of five letters
- Specify which of the three awards (see categories above) is being nominated

The nomination files can be e-mailed to: office@awg.org or mailed to:

ATTN: Professional Excellence Awards
Association for Women Geoscientists
12000 N. Washington St., Suite 285
Thornton, Colorado 80241
Sand Student Research Presentation Travel Award

The Sand Student Research Presentation Travel Award provides women geoscience students with support to present their research at the Annual Meeting of the Geological Society of America. This travel award is named for Virginia (Ginny) Sand (1928–2007), an award-winning geoscience teacher and world traveler. Ginny graduated from Northwestern University with a degree in geology, and she spent three decades teaching geoscience at Kent State University after obtaining her M.A. Her many activities supporting AWG included serving as editor of Gaea (1988–1991). Her travel destinations ranged from the Galapagos Islands to Iceland and, at the age of 76, included a journey to Antarctica.

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 the Annual Meeting of the Geological Society of America. A decision on the acceptance of applications for this award is pending GSA’s decision on the nature of the GSA Annual Meeting (virtual, hybrid, or physical).

**The application deadline is August 10, 2020.**
Visit [http://awg.org/Awards](http://awg.org/Awards) for more information.

Takken Student Research Presentation Travel Award

The 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. Applications will be accepted only for physical (in-person) meetings.

**The application deadline is August 10, 2020.**
Visit [http://awg.org/Awards](http://awg.org/Awards) for more information.
AWG Minority Scholarship

This program encourages young minority women to pursue an education and later a career in the geosciences. It provides financial aid and matches the student with a mentor in the same field who will offer guidance and support. This exchange will enhance the student’s experience and provide a view of the world ahead.

General Information
Award Amount: One or more awards totaling $6,000 will be given each summer for use during the next academic year (awards include AWG membership).
Application Deadline: June 30th of each year

Application Criteria and Procedures

The applicant must be:
• A woman who is African-American, Hispanic, or Native American
• A full-time student who is pursuing an undergraduate degree in the geosciences (geology, geophysics, geochemistry, hydrology, meteorology, physical oceanography, planetary geology, or earth science education) at an accredited college or university (high school students who will enter one of these fields during their freshman year may also apply)
• A contributor to the larger world community through her academic and personal strengths

Application procedures
1. Download an application, which can be found on the AWG Awards webpage.
2. The application calls for a statement of academic and career goals, two letters of recommendation, high school and college transcripts, and SAT or ACT scores.
3. Winners may reapply for continuing support.

Questions? Please contact Madeline Shaffer at minorityscholar@awg.org.

Applications should be sent to the following address:

Association for Women Geoscientists
Attn. Minority Scholarship 1333 West 120th Ave, Suite 211
Westminster, Colorado, 80234

Scholarships are funded by the AWG Foundation.
Mavis-Kent Mid-Career Excellence Award

The Association for Women Geoscientists has created the Mid-Career Excellence Award to honor Dr. Mavis D. Kent and her outstanding contributions to science and community.

The AWG Mavis Kent Award is given annually to one honoree in recognition of significant contributions to the Earth and space sciences by an outstanding mid-career woman scientist. Each honoree will be evaluated in the following two areas, that demonstrate a balance between professional Earth or space science careers, and outstanding service to their communities. Nominations will be solicited from the AWG membership at large. The impact and breadth of scientific contribution and community service will be evaluated as follows.

- **Scientific Excellence and Impact:** Scientific contributions demonstrated through a candidate’s body of work showing new ideas for analytical methods, approaches or synthesis, resulting publications, and insights gained. Overall impact of a candidate’s work to her scientific field, and influence of current or future research.

- **Distinguished Service and Broader Impact:** Demonstrated benefits to others at local, national and international level from the candidate’s contributions. Community service through mentoring other geoscience professionals, collaboration with institutions of informal science education such as museums, nature and science centers. Development of outreach materials explicitly aimed at communicating effectively about science concepts for general audiences like K-12 students or teachers, professionals in other fields, or the general public.

Nominees need to be members of AWG and those without memberships will receive a one-year professional membership with their award. An honoree will be presented with the award at the annual AWG meeting, and other recognition will be made through announcements in GAEA and other online e-news. Nominations can be submitted using the following link www.awg.org/awards which can also be found on the AWG website at www.awg.org. If you do not have a Google account, please submit your nomination as one complete pdf file to mk-award@awg.org.

1. One to two-page letter summarizing the nominee’s significant contributions to Earth and space science, and impact of distinguished community service.
2. Nominee’s Resume highlighting science career and community service.
3. Two letters of support, with a maximum of five letters, which can be from non-members of AWG.

**Nomination deadline is August 20th of each year.**
Advertisements

The Geology and Society Division of the Geological Society of America is pleased to call for proposals for the **E-an Zen Geoscience Outreach Grant** from members interested in developing innovative methods to bring geoscience knowledge to public audiences. The E-an Zen Fund is open to all Geology and Society Division members interested in developing innovative methods to bring geoscience knowledge to public audiences.

Two grants of $1,500 each will be awarded to fund projects designed by the applicants to communicate geoscience information to a lay audience with the goal of increasing the understanding of geoscience and its impact on society among non-geoscientists and decision-makers.

Please [see this link for more details](#), including how to apply, required application materials, and information about the selection process.

**Application materials should be submitted by 15 July 2020.**

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**Association of Environmental & Engineering Geologists**

2020 Annual Meeting

"Hazards in Hindsight...Lessons for the Future"

Virtual Meeting

September 16-20, 2020

The Association of Environmental & Engineering Geologists (AEG) has been monitoring the ongoing situation with respect to the COVID-19 virus, with our members, friends and 2020 Annual Meeting attendees’ health and safety as a top priority. It is with sincere regret that, for the first time in AEG’s history, we have no choice but to cancel the in-person 2020 Annual Meeting, which was due to take place this September in Portland, Oregon. The Governor of Oregon has mandated that no large gatherings can take place through September 2020.

The in-person Portland Annual Meeting has been rescheduled to September 19-24, 2023 at the same hotel, the Portland Marriott Downtown Waterfront following the 2021 Annual Meeting in San Antonio, Texas and the 2022 Annual Meeting in Las Vegas, Nevada.

To register, submit an abstract for the virtual meeting and for complete details, visit [www.aegannualmeeting.org](http://www.aegannualmeeting.org).
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women

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GAEA—Spring Quarterly—2020
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Please mail or fax application to:
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THANK YOU FOR YOUR PATRONAGE!