

AWG Foundation Programs

Professional Awards

Outstanding Educator Award

AWG Outstanding Educator Award established in 1988, the premier professional award of the Association of Women Geoscientists, acknowledges the role of teachers and mentors in every woman geoscientist's life story. The Outstanding Educator Award honors well-established women college or university teachers who have played a significant role in the education and support of geoscientists within and beyond the classroom, in advancing the persistence of females and underrepresented minorities in geoscience careers, and in raising the profile of the geosciences by teaching to and for the broadest audience of students. Jeanne credits her experience in AWG with teaching her about organizations and people. She helped create almost every early AWG committee and chaired all but one.

AWG Professional Excellence Award

The AWG Professional Excellence Awards go to women who, throughout their careers, made distinguished contributions in the following three areas: government/regulatory; private industry/consulting; and academia/research. The intent of this project is to highlight and recognize the accomplishments of three women each year. Accomplishments may include, but are not limited to, breadth and depth of professional accomplishments, mentoring of other geoscience professionals, outreach and service activities.

Student Scholarships/Awards

Jeanne E. Harris Chrysalis Scholarship

The Chrysalis Scholarship, established in 1989, provides 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. Costs may include drafting expenses, child-care, defense travel, late-stage research and analyses, or anything necessary to assist a candidate during those critical, final days.

The Chrysalis Scholarship was renamed in 2019 to honor Jeanne E. Harris, a founding member of AWG and the second President of the AWG Foundation. Jeanne Harris helped create the Chrysalis scholarship committee and chaired it for 20 years. Since Chrysalis began in 1989, more than 80 women have received funding to complete their education.

IDEA Scholarship

The Geoscience Inclusion, Diversity, Equality, and Accessibility (IDEA) Scholarship program encourages women from under-served communities to pursue an education and career in the Geosciences, or Earth Sciences. Many research studies show the

Geosciences are the least diverse community in all STEM fields. This Scholarship aims to counteract this and enhance diversity within the Geosciences. The scholarship provides up to \$5000 (USD) in awards, annually, typically split between two or more undergraduate students, and matches them with AWG mentors to enhance their careers.

Maria Luisa Crawford Field Camp Scholarship

The AWG Maria Luisa Crawford Field Camp Scholarship program encourages young women to pursue geoscience careers through attendance at field camp. Scholarships are awarded annually to offset the cost of summer field camp.

Maria Luisa (Weecha) Crawford attended Bryn Mawr College in Pennsylvania and took geology for her science requirement because it sounded interesting and different. Weecha continued her studies in Norway on a Fulbright Fellowship and then completed a Ph.D. in California. Many aspects of geology are much like solving a puzzle. For Weecha, the first step is to go into the field and try to find the pieces of the puzzle, especially the important ones. It takes a variety of kinds of geological expertise to recognize and know how to use them all. A field project provides a chance to work with others to solve a common problem as well as an opportunity to learn a variety of different approaches. Field work is also a good way to get students involved in the excitement of discovering something new, which is what most science is about.

Takken Student Research Presentation Travel Funds

This competitive 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.

Sand Student Research Presentation Travel Award

This competitive 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 MA. 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 including but not exclusive to sessions sponsored by the National Association of Geoscience Teachers.

AWG Brunton Fund

The AWG Brunton Award promotes the future of field mapping and data acquisition for the upcoming generation of women geoscientists. The award will go to a female geoscience student at the senior level or in her early graduate studies who has been a summer intern, excelled at field camp, or performed field data collection that leads to a senior or graduate thesis. The award is a Brunton compass provided by Brunton.

AWG Winifred Goldring Award

The Winifred Goldring Award is presented to an outstanding female student interested in pursuing a career in paleontology (or related fields). The award is named for Winifred Goldring, a pioneering woman paleontologist, who became State Paleontologist of New York State in 1939 and the first female president of the Paleontological Society in 1949.

AWG Undergraduate Excellence in Paleontology Award

This award is intended to support female undergraduate students pursuing a career in paleontology (or related fields). The scholarship portion of the award is supported by the Paleontological Society.

Encourage

ISEF-SAGE Science Fair Awards

The Association for Women Geoscientists is pleased to provide an Award Certificate to female students whose projects, in the opinion of the judges, exemplify high standards of innovativeness and scientific excellence in the geosciences. Special consideration will be given to projects that increase public awareness of the geosciences, illustrate the interdisciplinary nature of the geosciences, or promote the sensitivity to the earth as a global system. This is a funded project for participating in the International Science and Engineering Fair (ISEF) with the sponsoring organization Society for Science & the Public (SSP). AWG previously participated on the regional and international level, but we are currently participating on the regional fair level. As funding availability increases, we can consider participation at the international fair in the future. For the science fair season, AWG will provide SSP with approximately 800 Student Awards for Geoscience Excellence (SAGE) certificates that will be distributed to approximately 450 ISEF-affiliated regional science fairs both nationwide and worldwide. Note that for some of the regional fairs, AWG Chapters have provided judges, as arranged on a local or Chapter basis.

AWG Breakfast – GSA annual meeting - Student Subsidy

Assistance for women students to attend the AWG Networking Breakfast & Awards Ceremony at the GSA Annual meeting. This project partly underwrites the price of each ticket for a female student, enabling many to attend who could not afford the full price.

The AWG Breakfast is held on the second morning of the GSA Annual Meeting (Monday) and is open to national and international participation. The Breakfast is a unique opportunity for women geoscientists to gather, network, and learn about AWG and AWGF. This event highlights the current Outstanding Educator awardee, presenting an opportunity for students to see an experienced women geoscientist being honored for her accomplishments.

The Breakfast supports AWG's purpose of encouraging young women to become geoscientists. Specifically, it allows them to meet other women geoscientists with varying interests and career paths, to find a mentor, or to meet the author of a textbook or key paper. Presentation of the Outstanding Educator Award is a touching event that helps to assure young women that they are not alone in training to become geoscientists, and that excellence will be rewarded.

Mount St. Helens GeoGirls

Mount St. Helens GeoGirls builds STEM confidence and career awareness in middle and high school aged girls through a geology and technology field camp experience where girls work alongside women geoscientists, natural hazard professionals and geology communicators/educators.. Using Mount St. Helens an outdoor laboratory and connections with women geoscientist mentors, Mount St. Helens GeoGirls inspires girls to feel confident in science, to pursue opportunities in STEM fields in high school and college, and to feel supported because of their interactions with strong female role models. The 2015 pilot program of GeoGirls was created by Kate Allstadt, a graduate of University of Washington (UW), now a Research Geophysicist the USGS. GeoGirls was conceived and partially funded as the outreach component of her National Science Foundation Postdoctoral Fellowship at the USGS. The original plan was a short day camp with a field trip, but upon partnering with the Mount St. Helens Institute and receiving additional funding, it quickly grew into a multi-day, overnight, immersive geology and technology experience. GeoGirls is the nation's only program that gives teenage girls the opportunity to explore the science of volcanoes through hands-on experience with cutting-edge technology, field expeditions, and personal interaction with female geoscientists. The AWG Foundation has supported this program off and on since it's inception.

Earth Science Week

AGI organizes and runs Earth Science Week (ESW) each fall in the second full week of October. They distribute materials in a packet. Kit materials usually correspond to the theme and are slender items, such as a folded poster or a disk, no more than 8-1/2 x 11 inches. AWG collaborated to create a one-page flyer containing descriptions of women in diverse geoscience careers and included links to videos showing interviews with these women or examples of their work to be included in the packet.

Exchange

Distinguished Speaker's List

The Association for Women Geoscientists Distinguished Lecturer Program provides well-known female speakers to give talks or lectures in most disciplines of the geosciences on their areas of interest. Departments and organizations can receive up to \$800 per year toward speaker expenses. While most speakers do not require fees, it is expected that the host will provide for travel, food, and lodging costs.

This program achieves the goals of AWG, as the program encourages speakers to engage students, professionals, and educators in the insightful exchange of information, while also enhancing the professional growth of both the speaker and the audience she reaches.

This program intends to promote and motivate young women to pursue research, government, or industry careers in geoscience by the example set by the success and experiences of female Distinguished Lecturers. As a response to the pandemic this program has expanded to offer virtual interactive lectures via zoom or Skype. More information can be found at <http://awg.org/DistinguishedLecturer>.

Outside National Conventions

This project assists AWG in having a highly visible presence at 3 national geoscience conventions: GSA, IMAGE (SEG and AAPG), and AGU. AWG's professional presence has helped to elevate awareness of the organization with universities, government institutions, and corporations. A continued high-level presence at the National Conventions enforces AWG's role as THE "Association for Women Geoscientists".

Outreach and Communication. Convention events provide both active and passive advertising of the AWG and AWGF programs.

- o AWG: awards, mentoring, career planning/coaching resources, and networking events.
- o AWG Foundation: awards, scholarships, education and outreach programs.

Presence at conventions provides the opportunity to communicate and demonstrate the AWG mission to Encourage, Exchange, and Enhance women in the geosciences. Our national convention events are one of AWG's highest visibility opportunities to promote and thank our generous sponsors, donors, and employers who support women in the geosciences. Each of the national conventions has mentoring, professional networking, and leadership opportunities in which AWG can lead or participate that directly address the AWGF mission to attain equality of opportunity and leadership training for women in the geosciences.

CHAPTER MATCHING PROJECTS - Scholarships/Awards

San Francisco Bay Area Chapter

San Francisco Bay - Outstanding Student Award

The goal of this project is to encourage outstanding women graduating from San Francisco Bay Area colleges with Earth Science degrees to continue to pursue a career in the geosciences. Their achievements are celebrated at an annual awards banquet providing opportunities for networking.

San Francisco Bay - Science Fair Awards

The goal of this project is to encourage young female students to pursue interests in earth sciences by presenting awards for outstanding projects submitted by girls to San Francisco Bay Area science fairs.

Pacific Northwest Chapter

Pacific Northwest - Janet Cullen Tanaka Scholarship

The Janet Cullen Tanaka Scholarship was started at the insistence of its namesake, one of the co-founders of the Puget Sound AWG chapter, in 1989. The scholarship awards unrestricted funds to a female undergraduate majoring in the geosciences at a 2- or 4-year college in Washington or Oregon. This award is intended to provide its winner with a boost to get over barriers to professional success in the geosciences, such as tuition, cost-of-living, and supplies.

Osage Chapter

Osage Chapter Undergraduate Research Scholarship

The intent of this project is to provide funding for eligible undergraduate students to cover expenses for travel, supplies, laboratory costs, or other expenses related to a research project. The scholarship is open to students that identify as women or gender non-conforming, and individuals from underrepresented minorities in the geosciences. Funds may be used for but are not limited to field gear, lab analysis and travel expenses.

OSAGE Chapter Service

Award recipients of the service scholarships are those AWG Osage chapter members who most exemplify AWG's mission to encourage, exchange, and enhance by participating in outreach events that are aimed at educating and promoting women in the geosciences. This project provides funding for female or male undergraduate and graduate students to cover academic expenses.

Osage Chapter Graduate Research Scholarship

This scholarship is given to eligible graduate students in the Osage Chapter area to support their research. The scholarship will be open to students that identify as women or gender non-conforming, and individuals from underrepresented minorities in the geosciences. Funds may be used for but are not limited to field gear, lab analysis and travel expenses.

Salt Lake City Chapter

AWG Salt Lake Chapter Scholarship for Outstanding Students

This annual award is intended to acknowledge outstanding achievement by women geology students. Two awards will be given, one to an outstanding undergraduate student and one to a graduate student to encourage the students to pursue careers as earth scientists. Any woman with a declared major in geology while attending a Utah institution of higher learning is eligible.

AWG Salt Lake Chapter Research Scholarship for female undergraduate or graduate students

This annual scholarship recognizes outstanding female undergraduate or graduate students by helping to defray the costs of presenting research results at national or regional science conventions and meetings. Any female undergraduate or graduate student attending a Utah college or university who is engaged in geoscience research and who will be presenting the results of her research at a national or regional science convention or meeting within 16 months of being awarded this scholarship is eligible.

AWG Salt Lake Chapter Susan Ekdale Scholarship

The scholarship is available to a woman geoscience student, attending a mandatory geoscience field camp to help defray costs related to attending geology field camp, which may include equipment, tuition, books, travel, or childcare. The applicant must be attending a Utah institution of higher learning or be a Utah resident attending college elsewhere. This scholarship is named for Susan Ekdale, a past- President of the AWG Salt Lake Chapter. Sue graduated cum laude from Augustana College, Rock Island, Illinois, in 1969 (BA, Geology), and graduated from Rice University, Houston, in 1974 (MA, Geology). Her master's thesis was a micropaleontological study near Cancun, Mexico, before that area was inhabited and became a tourist resort. Sue was employed by Kennecott Exploration. She formerly worked for Getty Mining in Salt Lake City and Geological Consulting Services in Houston. She briefly taught at Eisenhower Junior High School and Redeemer Lutheran School.

Lee Allison Professional Development Award

This annual award will help defray the costs for a female professional geoscientist to participate in a specific professional development activity. Target applicants are female Utah residents holding a bachelor's degree or higher who plan to participate in a specific professional development activity. Qualified professional development activities include, but are not limited to attending professional meetings, attending training courses, attending field trips in the applicant's chosen field of work, and professional testing and licensing fees. This award was established in memory of Lee Allison. He worked in the oil industry for 15 years before transitioning to public service. Lee was an incredibly dynamic leader of the Geological Surveys in Arizona (2005-2016), Kansas (1999--2004), and Utah (1989-1999). In each case, he sought to increase the impact of the research and outreach of these agencies in the wider world. Lee Allison was dedicated to the advancement of women in the geosciences and an active supporter of AWG.

Salt Lake City Chapter Science Fair Award

The goal of this project is to encourage young girls to pursue the earth sciences by providing gift awards useful to a budding geologist, a Student Awards for Geoscience Excellence (SAGE) certificate, and recognition by a national professional association

(AWG) for the best geoscience project submitted by a girl at the Salt Lake Valley Science and Engineering Fair.

The project encourages school-age girls to consider a career in the geosciences, rewards them for their courage in entering local science fairs and rewards them for excellence in choosing and implementing their projects. In addition, professional women in the geosciences, who serve as judges, will have an opportunity to enhance their professional growth and advancement in the geosciences by serving as role models to young girls considering earth science as a career option.

Penn State Chapter

PSU Undergraduate Field School Scholarship

The goal of this scholarship is to minimize the obstacles for low-income undergraduate women, so they will be more likely to attend field school and graduate with a degree in geoscience. Field school is a requirement to complete the Geosciences undergraduate degree at Penn State, but it is costly for students. Field camp costs include not only tuition costs, but also the need to purchase camping gear and forego summer employment.

Southern Arizona Chapter

GeoDaze UAZ Women Panel Discussion

This project is aimed at connecting the women in the University of Arizona (UA) Geoscience Department with the female alumni of the department and to learn where their degree in geoscience has taken them in their careers. Geodaze, an in-house symposium organized by UA graduate students is the perfect platform for this event

UA Student Chapter Field Scholarship

This scholarship is to offset the cost of field camp for women and minorities in the undergraduate UA geoscience program to generate equity between students in the program. Field camp is an important learning experience for geoscientists but can place a financial burden on students.

Laramide Chapter

Laramide Chapter Outstanding Student Awards

The Outstanding Student Awards recognize outstanding students across the Laramide chapter that have made local impacts on the field of geosciences and exhibit potential for excellence as their careers develop. We aim to encourage these ambitious women by acknowledging their hard work and providing a network of scientists that can be contacts and mentors for their futures. This project specifically addresses the idea that oftentimes women can be overlooked in departments that are heavily male-dominated or have subconscious bias against the development of the female acumen.

Laramide Chapter Diversity Scholarship

The goal is to provide one undergraduate or graduate student who demonstrates financial need and is focusing on any spectrum of the geoscience disciplines with a scholarship to assist her with research costs associated with lab work, field work and/or presentation of work at professional conferences.

Laramide Chapter Scholarship

The goal is to provide one undergraduate or graduate student who demonstrates financial need and is focusing on any spectrum of the geoscience disciplines with a scholarship to assist her/them with research costs associated with lab work, field work and/or presentation of work at professional conferences.

Laramide Travel Grant

This project will provide two undergraduate or graduate students, who demonstrate financial need and are focusing on any spectrum of the geoscience disciplines, with a travel grant to assist them with travel to professional conferences or workshops. By providing travel grants to well-qualified students, the Laramide Chapter can boost their visibility in the field and help them gain valuable experience presenting their research and networking.

Florida Chapter

Florida Chapter Student Research Grant

This award will provide financial support in the pursuit of a geoscience degree, at either the undergraduate or graduate levels. This includes support for travel to a conference, publication fees, and lab or field analysis fees; all of which are essential for the successful completion of an advanced degree in geoscience. By supporting women students, we aim to remove some financial burden for them to successfully complete their programs and excel in their career as a geoscientist.

Southeast Bluegrass Chapter

SE Bluegrass Kentucky Geoscience Student Research Scholarship

This project will provide two students (undergraduate or graduate), who identify as female or non-binary at an accredited college or university in Kentucky, with funds to aid their geoscience-related research or to assist in travel to a scientific conference. The intent of this project is to broaden access to research scholarships recognizing that not all geology departments across the state of Kentucky are funded equally. Additionally, this project aims to connect students enrolled in geology-related programs throughout the state to each other, particularly by increasing the participation of students enrolled at Kentucky's smaller accredited colleges in programs and events offered by the Southeastern Bluegrass chapter.

