AWG Chrysalis Endowment Campaign

The AWG Foundation is pleased to announce a major fundraising campaign to endow the Chrysalis Scholarship with $100,000 to $200,000. Each $100,000 raised will enable us to fund two scholarships per year in perpetuity. We are fortunate that an anonymous donor has generously agreed to match donations for the first $15,000 raised. How wonderful to reflect on all the wonderful women in the future who will benefit! It makes me feel good just thinking about it.

My name is Jeanne Harris. I am co-chairing this fundraising effort with Dr. Donna Jurdy, my office partner in graduate school at the University of Michigan and now a full professor and past department chair at Northwestern University. We have come a long way since we struggled to get money to help us finish our graduate degrees in the 1970s.

I chaired the Chrysalis Scholarship Committee for its first 20 years, and it is one of the most rewarding things that I have done in my life. The opportunity to invest in women who really need the money has been extremely satisfying. Donna and I look at this as part of paying forward in life, something that each of you can join us in doing with your gift.

Chrysalis was the first scholarship created by the AWG Foundation in 1988, and this year we will celebrate its 30th Anniversary. We started with one $500 scholarship, and it has grown to several scholarships a year totaling $6,000. Up to now, it has been funded from yearly donations with only a small amount of money designated for the permanent endowment. With your help we plan to change that.

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Happy 2018, Association for Women Geoscientists!

It is hard to believe that we are already a couple months into the new year. The wheels are already turning on many plans we have in store for 2018. We are already beginning to grow and stretch our network in new ways and more globally, both virtually and face-to-face. In December, at the American Geophysical Union (AGU) National Meeting in New Orleans, our AWG Foundation Director Blair Schneider presented an Implicit Bias seminar. This was part of the 2017 Workshop for Heads and Chairs of Earth and Space Sciences Departments, and Blair’s presentation was extremely well-received and reached a diverse audience.

We have also been working closely with AIPG to ensure that attendance on our very technically-oriented AWG field trips earns continuing education credits. This year’s field trip will be a two-week trip to England and Wales, June 29-July 14, organized by Marcia Knadle, and led by Chris Darmon and Colin Schofield. The first week of the trip will explore the geology of the Welsh Borderland, which includes rolling hills of Paleozoic stratigraphy, as well as volcanics and intrusive rocks. The second week of the trip will be in southwestern England, exploring the Devonian and Carboniferous rocks of Devon itself, and viewing rocks folded and faulted by the Alpine Orogeny. This exciting field trip is already sold out, but there is a wait-list if you are interested.

In the online networking world, we have had an explosion of AWG participation in the mentoring community through https://mentoring365.org/, a multi-society portal that links mentors and mentees with AWG, AGU, SEG, and AMS all having participating members. We encourage anyone who either wants to be a mentor or get a mentor to participate! We also have just begun this year to host quarterly webinars, open to all members, on various topics (both technical and non-technical). We have several upcoming topics in mind that focus on career building skills, such as, transferring academic skills into workplace skills, resume do’s and don’ts, descriptions of the different careers in geoscience, etc. But, we are interested in YOUR ideas for the webinars! Please contact me at president@awg.org with any ideas you have.
More from the AWG President
Continued from Page 2

Our Spring Board of Directors meeting is fast approaching – it takes place April 28-29 at our new headquarters in Westminster, Colorado. The AWG Foundation will be holding its spring meeting at the same time, which fosters great collaboration between our two boards and allows us to work more effectively. We will be holding a happy hour during the weekend of the meeting open to any local AWG members (or any AWG members passing through Colorado at that time), so feel free to join us for that; details to come.

We have had several new chapters form recently – I’ll mention just a few of them here – the James Madison University Chapter, in Harrisonburg, Virginia, who designed its own stunning chapter logo, which the AWG Board of Directors just approved for use. Any chapter that would like to design its own logo for approval, we encourage this – it just takes a quick vote by the AWG board to approve, and then the logo is yours to help you form and promote your chapter identity. Also, our Ireland Chapter which just formed at the end of last year, is having its official launch party on Saturday, February 24 in Galway. We are excited to launch our first European AWG Chapter and hope to launch more international chapters this year! Contact us if you want to start a chapter, and we will assist as needed.

Finally, as we are at the beginning of a new year – most importantly, remember that our theme this year is DIVERSITY in all forms. Any ideas or comments anyone has about how we can support and promote diversity in our group are welcome. We want to hear from you. We are here to support women in geosciences; first and foremost, we want everyone to feel that we are here for them. Please contact me at president@awg.org with any suggestions on promoting our theme this year. Also, remember to pay your 2018 dues, if you haven’t yet. Much success to you all and have a great spring.

Katie Kovac
AWG President 2017-2018
Greetings from the AWG Foundation President

Ways of Giving

There are several ways you can give to the Association for Women Geoscientists Foundation.

Cash - This is probably the easiest and most effective way of giving to the AWG Foundation. Subject to certain tax limits you can deduct the full amount of your cash donation in the year that you make your gift.

You can donate online by going to the AWG website, http://www.awg.org, and selecting Donate from the upper right. Write a check and send it to the AWG Foundation Treasurer, Kate Johnson, attaching the form found at the bottom of this letter. This method gets your money working for AWG the fastest.

Give a Gift of Stocks, Bonds, or Mutual Funds – AWG supporters may choose to make a charitable gift by transferring securities to the AWG Foundation because it can be a fabulous way to support AWG projects and possibly reduce capital gains or estate taxes. The AWG Foundation is pleased to offer donors the ability to donate securities. Please contact Kate Johnson, AWG Foundation Treasurer (awgftreasurer@awg.org) for the details and procedure.

Give with Matching Gifts – An easy way to double your donation is to find out if your company has a matching gift program. Such programs typically match all or a portion of their employee’s donation to a charitable 501 (c) (3) organization, making the employer a partner in their employees’ personal philanthropy. Check with your employer for a matching gift form and provide it to AWGF along with your donation.

Continued Page 5
Give with Charitable Estate Planning – When you extend your support of the AWG Foundation through your long-term estate or financial plans, your special relationship with AWG will continue as part of your legacy for years to come.

Give with Memorials or Tributes – Memorials and tributes are often given in respect or celebration of mentors, friends or loved ones. AWG has established several programs which are in honor of those who support the AWG Foundation’s mission to attain equality of opportunity for women in the geosciences by funding high impact programs for women in the geosciences. Please feel free to discuss memorials or tributes with any member of the AWG Foundation board.

Give your time – You can support AWG through donating your time by becoming an AWG officer or board member, lead a project, or donate your time to events such as science fairs, STEM programs, conventions, etc.

Neither the Association for Women Geoscientists nor the Association for Women Geoscientists Foundation are engaged in rendering financial or legal advisory services. The above information is only provided for general information purposes. It is recommended that you consult your financial or legal advisors for advice and assistance.

This brings me back to the Association for Women Geoscientists Foundation. There are opportunities either by contributing your money or your time to the mission of the AWG Foundation: to attain equality of opportunity for women in the geosciences and train new leaders by funding high impact programs for women in the geosciences. Although we have made great progress as women geoscientists, we still have work to do to reach equality of opportunity.

As a 501(c)(3) non-profit public benefit corporation, the AWG Foundation funds AWG projects that encourage women to study and to pursue careers in the geosciences. The benefits to women geoscientists are substantial, at all stages of their careers. And your contributions are what makes this all possible.

**SUPPORT AWG PROGRAMS**

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](http://www.awg.org)
In late September, 15 AWG members (plus two more for part of the trip) enjoyed a one-week tour of tectonic features associated with the San Andreas Fault (SAF) between Los Angeles and Hollister, CA. On the way back south, we looked at Pacific Plate rocks and coastal features, as well as structures associated with the Transverse Ranges. Our guides were Tanya Atwater, joined for the first few days by Art Sylvester. Both are emeriti professors at UC Santa Barbara. Tanya is well known for her pioneering work on west coast plate tectonics, and Art is co-author of the new revision of *Roadside Geology of Southern California* (2016, Mountain Press).

Our trip started in Burbank, with a well-attended evening dinner meeting held jointly with the LA/OC Chapter of AWG. Tanya presented an overview of California tectonics and what we’d be seeing on our trip. From there, we headed north through the San Gabriel Mountains into the Great Valley, with Art showing us various outcrops of the SAF to the SSE and NNW of Palmdale, where the SAF forms the southern border of the Mojave Desert. These outcrops included an overview exposure at Devil’s Punchbowl and the, now somewhat eroded, fault-trench at Pallet Creek, where fluvial organics beds have been dated to establish the timing of paleo-seismicity. At the western end of the Mojave, we headed north into the Great Valley. In Bakersfield, we toured the Buena Vista Natural History Museum, which was full of local paleontological displays. In nearby Taft, we spent some time at the West Kern Oil Museum, which had both interesting indoor displays about life in the oil fields in the early days of oil production in California and outdoor exhibits of both early and more modern oil drilling rigs, as well as reconstructions of oil camp lodgings and facilities. We were there on a Monday, so both of these museums were opened specifically for us; many thanks go to Koral Hancharick and LaWana Whitley in Bakersfield and to volunteer docents Pam and Dennis in Taft. We finished our tour of oil patch history with a stop at the Lakeview Gusher site, then continued west and stopped again at the SAF to see the offset Wallace Creek channel on the Carrizo Plain.

Having said goodbye to Art in Paso Robles, the next day we continued north crisscrossing the SAF, with a stop in Parkfield to discuss the challenges of predicting earthquakes along any given segment of the fault and trying to monitor slippage in real time. After a lovely back-road drive through classically knobby Franciscan Formation terrain with its basalt knobs poking out of blueschists, we stopped for a hike in the eastern part of Pinnacles National Park, comprised of 22 million year old volcanics that had been bisected by the San Andreas Fault. We’d looked at an outcrop from the part that had been left behind on the North American Plate late on our second day and were then looking at the portion that had been carried northward on the Pacific Plate. The recognition that these were originally from the same volcano has enabled geologists to estimate slip rates on the SAF, at least over the past 22 million years.

In Hollister, we spent the morning mapping the San Andreas Fault through an older residential area, where foundation and retaining walls bend and crack as the fault gradually creeps along, rather than suddenly breaking and displacing several feet, as is common elsewhere along the SAF. We then stopped at the old mission at San Juan Bautista, where the fault scarp runs mere feet from the mission church. We then headed back into the Pacific Plate and out to the coast at Monterey, where we hiked the Point Lobos area, comprised of Cretaceous granodiorite of the Salinian Block, overlain by Paleocene marine canyon fan sediments with impressive trace fossil tracks.

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We continued south along the northern portion of Big Sur, but couldn’t drive all the way down as originally planned because of the Pfeiffer Canyon Bridge outage that was caused by the previous winter’s record rains and resultant landslides along the Big Sur coast. Unfortunately, the landslides also played havoc with our plans for hiking Julia Pfeiffer Burns State Park, so we missed the beautiful coves, purple manganese garnet sand beach, and McWay Falls at Julia Pfeiffer State Park because that road also was closed.

The next day, we headed back inland and south down Highway 101. Coming back south along the west side of Pinnacles National Park, we took another hike into the volcanics. We also took advantage of the detour down Highway 101 to head into the Coast Range and tour a less-visited mission—San Antonio de Padua. We then headed back out to the coast at Morro Bay.

On our last day, we explored coastal features in the area south of Morro Bay, including some marine terraces in the Monterey Formation. Finally, we looked at spectacular sea floor spreading features, including massive pillow basalts and sheeted dikes at Port San Luis. The climax of our last day was a drive along the winding Camino Cielo (“sky road”) running along the crest of the Santa Ynes Mountains portion of the Transverse Range above Santa Barbara, with spectacular views south to the Pacific Ocean and the Channel Islands and north into the Transverse Ranges. At the La Cumbre Peak overlook, Tanya explained how the Transverse Ranges were rotated to their present position using visual aids she’s developed. (If you want to make your own, Tanya’s physical model and related animations are available at the Download page at http://emvc.geol.ucsb.edu.) After dropping Tanya off at her lovely home (which we sincerely hope survived the fires) above Santa Barbara, we headed back to Burbank and home, very tired but having seen a tremendous amount of classic geology.

A huge thank-you goes to Field Trip Committee Co-Chair Linda Davis for driving and co-managing the trip logistics. Additional thanks go to David Hoffman and Susan Kite for driving, to Tanya Atwater and Art Sylvester for planning and leading the trip and assembling diverse guidebook materials, to Sheila Alfsen for recruiting the trip leaders, and to Mona and Cristie at the AWG office for administrative support.

Next summer’s AWG field trip to England is FULL, but please keep an eye on the AWG Field Trips page (www.awg.org/fieldtrips) for news about our 2019 field trip.
The Chrysalis Scholarship targets women who have had an interruption in their college education and need money in their last year to help them finish their MS or PhD degrees. They can use it for anything from field work to babysitting to whatever they need to finish. The special criterion of the scholarship is that it selects women who have already given to their greater world, either in the geosciences or in their community.

Our first recipient was a PhD candidate and mother of four from New Mexico who was doing volunteer work with girls in science. Her goal was to educate girls and women in science and math. Five years later she was working in Washington DC in charge of science and math education programs for the US State Department for all of Africa. Money well spent! We will be locating other recipients in order to share their stories with you. Watch for future interviews in GAEA.

With an initial endowment base of $38,000, we began contacting a few of you directly in late November 2017. Thanks to your early responses, including one particularly generous donation from an early committee member, the Foundation now has over $50,000. With the offer of $15,000 in matching funds, we are well on our way.

It is not just the amount that is important, but also the number of people who donate. Through the match, each $25 grows to $50. Plus, an increasing number of donors will inspire other matching-funds contributions. Encouraging women in the geosciences is one of AWG’s three goals. I can think of no better way to accomplish that goal than through this scholarship.

We will be contacting many of you directly this year, but you don’t have to wait! You can donate now:

Online at the AWG website: [http://awg.org/](http://awg.org/)
Open in the Home Page, click on the yellow “Donate” button on the upper right, and it will take you to the “Shopping” page where you will find the “Chrysalis Scholarship Endowment Donation” highlighted in the center of the page.

OR - write a check to: **AWG FOUNDATION** with **Chrysalis Scholarship Endowment** in the memo line, and mail directly to:

Kate Johnson, Treasurer
AWG Foundation
652 Glimmerglen Road
Cooperstown, NY 13326

If you have any questions or would like to discuss your donation and learn more about the Chrysalis Scholarship Endowment, please email Jeanne Harris at: gandhpc@earthlink.net or Dr. Donna Jurdy at: donna@earth.northwestern.edu

Together we are investing in the future of women. Thank you for your support.
This brings me to another important point, Donor Intent. You as a donor can direct your donation to a specific AWG project or endowment. If you do not select a specific project your donation will go into the General Fund which allows the AWG Foundation Board to direct your funds to where they are needed most. There are AWG projects that support women at all stages of their career enhancing their professional growth. If there is a specific project that, you as a donor have a passion about and you want to direct your donation to that project, then the AWG Foundation will follow your donor intent and restrict the money so that it is only spent on that project. When you donate by any of the methods above you can specify whether the money goes into the AWGF general fund or a specific project fund by sending an email to the AWGF Treasurer, noting the project on the memo line on your check, or selecting to donate to a specific project when you donate online.

Please join me in supporting AWG through the Foundation.

As always, we thank you for your support of the AWG Foundation, and we will keep right on asking for more.

Jenny Thompson
AWG Foundation President

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Chapter News

**The Salt Lake Chapter presents**

**29th Annual Silent Auction and Wine Tasting Scholarship Benefit**

Proceeds raised during this event will fund four scholarships for women in geosciences (see details on page 26 about the scholarships). The event will be held on **Saturday, April 7th, 2018** at Westminster on the Draw in **Salt Lake City** from 7 to 9 pm.

The chapter gratefully accepts mail-in donations at Assoc. for Women Geoscientists Salt Lake Chapter, PO Box 58691, Salt Lake City UT 84158.

For more information, check out the Facebook event [https://www.facebook.com/events/1675140932546501/](https://www.facebook.com/events/1675140932546501/) or email [awg.slcchapter@gmail.com](mailto:awg.slcchapter@gmail.com).
On Tuesday, December 5, 2017 the San Francisco Bay Area Chapter of AWG together with the Peninsula Geological Society jointly organized a Winter Meet & Greet at Stanford University. The evening event included a networking opportunity to celebrate the 2017 Outstanding Student Award recipients, a delicious catered dinner, and a presentation by Research Geologist, Dr. Summer Praetorius, of the USGS entitled “Paleoceanography on the high seas: A quest to unearth the mysteries of the Missoula mega-floods”.

At the well-attended talk, Dr. Praetorius presented a compilation of sea surface temperature estimates, reconstructions of local surface salinity, and subsurface records of ventilation inferred from benthicplanktic radiocarbon age differences within marine sediment cores to highlight potential dispersal pathways and regional impacts from massive freshwater influxes to the Northeast Pacific. Thank you to Lan Ma (SFBA Student Awards for Geoscience Excellence Committee Chair), Mireya Berrios (SFBA Outstanding Student Award Committee Chair), and Barbara Bekins (SFBA Treasurer) for organizing the event!
South Dakota School of Mines hosted Dr. Tina Nielsen on Friday, January 25 through the AWG Distinguished Lecturer Program.

Thanks to the generous support of ConocoPhillips and AWG, South Dakota School of Mines and Technology (SD Mines) hosted Dr. Tina Nielsen, the Associate Director of the Great Lakes Bioenergy Research Center housed at the University of Wisconsin-Madison to speak about Managing a Work-Life Balance.

Dr. Nielsen holds a Bachelor’s degree and Secondary Teaching Certificate from the University of Michigan. During that time she also worked as a science teacher at Marysville Intermediate School. Dr. Nielsen earned her masters from the University of Michigan and her Ph.D. from the University of Wisconsin-Madison. Her graduate research focused on marine sedimentology, micropaleontology and isotope geochemistry. She then worked as a deep-water sedimentologist at BP, and has worked both in exploration and production. And now, she is the Associate Director of the Great Lakes Bioenergy Research Center.

During her visit to South Dakota School of Mines, Dr. Nielsen met with students and faculty from multiple departments across the campus. For breakfast, she met with the Dean of Graduate Education and Graduate Students. Then, she received a tour of the South Dakota School of Mines’ Museum of Geology, along with a tour of the fossil prep labs and collections housed at the Paleontology Research Laboratory. She attended a lunch with the Energy Resource Initiative group and had coffee with the Black Hills chapter of the Graduate Women in Science. Before her seminar, she gave an interview to a local reporter, and following the seminar she had dinner with several students from the Department of Geology and Geological Engineering.

Her lecture illustrated her passion towards her family and her career in science. She spoke about her varied employment history and shared advice on how she selected jobs and how to negotiate. She also stressed the importance of taking into account relationships when choosing a job. Her main driving point was investing in communication and ‘making the most of every day’. At the end of her talk, Dr. Nielsen offered to mentor, review resumes/CVs, and provide career advice.

Students enjoyed their interaction with Dr. Nielsen, many commenting on how they will implement the tools they heard about to help them achieve a better Work-Life Balance. South Dakota School of Mines would like to thank Dr. Nielsen for taking the time to visit and for the sponsorship provided by AWG.
I have always been an artist, though I only saw it as a hobby until I started working in a lab during my undergraduate degree at University of Chicago. Though I was the least experienced researcher in my lab, I realized that my ability to convey ideas and information through illustrations was an asset that transcended scientific knowledge or lab experience. My PI was very encouraging of my passion for art and helped me develop my skills in a scientific context by letting me create figures for our publication. Seeing my figures published with the paper was a tangible sign that my passion for science and art did not have to be mutually exclusive. Since then, I have continued to do both fun and serious science illustrations -- from lab safety signs to a biogeochemical representation of the nitrogen cycle.

Recently, I began my Master’s program studying biogeochemistry and pollutant dynamics at ETH Zurich. I am helping to start an initiative that strives to encourage other scientists to find the intersection between art and their research. ETH Zurich is truly a wonderful place to be immersed in science and technology, so I hope to provoke the creative side of people here. I think it is especially important to use art as a tool for the sciences to help communicate complex topics in a digestible manner.

AWG is inspiring to me as someone who had an indirect path to the geosciences. Though I felt encouraged to participate in STEM fields growing up, I believe that within the sciences there is still a very heterogeneous gender ratio, depending on subject matter. It felt natural to go into more biologically related courses, rather than physics or engineering subjects. Having only discovered my passion for geoscience during the spring of my third year in college, I wish I had been exposed to the field sooner. AWG is inspiring in not only its encouragement of women in STEM, and in particular geoscience, but also its continued support of women to remain in the field. I believe it can be hard sometimes for women in the geosciences to feel adequate in male dominated departments, comfortable when conducting field work in extreme areas (both physical and cultural), or unsure about how to balance career and family. This was my motivation behind the AWG design -- I wanted to emphasize female empowerment and portray female strength in science. Women in geoscience need to be tough, but we don’t need to be alone.
AWG Scholarships and Awards

AWG Takken Student Research Presentation Travel Award: The Fall 2017 Award Recipient

The Association for Women Geoscientists takes pride in announcing Megan Fung as the recipient of the spring 2017, and Elizabeth (Lily) Thompson as the recipient of the fall 2017 AWG Takken Student Research Presentation Travel Awards.

The Takken Student Research Presentation Travel Award is named after Suzanne Takken, a petroleum geologist and avid traveler who advanced women geoscientists through her leadership roles in both AWG and AWGF. The award provides support for women geoscience students to present their research at a national or international professional geoscience meeting other than the Annual Meeting of the Geological Society of America. There are two competitions each year, and the award is given to one student per competition. Each awardee receives $500 to help cover expenses associated with the presentation of the awardee’s research. To learn more about the award, go to http://awg.org/images/awards/AWG_Takken_Student_Research_Award.pdf.

Megan Fung

Last April, Megan traveled to Houston, Texas, to present her research at the SEPM North American Micropaleontology Section’s Geologic Problem Solving with Microfossils IV Conference. Megan had the good fortune to attend the meeting, which occurs once every four years, shortly before successfully defending her Ph.D. at Rensselaer Polytechnic Institute. In addition to presenting her research in a session titled “Reconstructing Past Environments Using Microfossils,” Megan participated in several short courses to broaden her skills as a micropaleontologist and paleoclimatologist. Megan’s research centers on the use of micropaleontological data, both geochemical and quantitative faunal analysis of foraminifera and ostracods, to understand the response of biota to changes in the environment. She is particularly interested in understanding early Eocene hyperthermals, and, in her presentation at the NAMS meeting, she used bulk carbonate isotope and faunal assemblage and abundance data to assess the impact of these abrupt episodes of global warming on shallow marine biota. Megan’s research has also included a foray into the use of charcoal to understand wildfires associated with the impact of an extraterrestrial object at the Paleocene–Eocene boundary. Megan appreciated the opportunity to attend a meeting entirely devoted to micropaleontology at a timely point in her career, and she left the venue with new ideas, a new collaboration, and fond memories of the dinner reception in the Fossil Hall at the Houston Museum of Natural Science.

Continued Page 14
Elizabeth (Lily) Thompson

Lily traveled to New Orleans, Louisiana, this past December to present the results of her research at the Fall Meeting of the American Geophysical Union. A PhD student in mineral physics at the University of Chicago, Lily explores the properties of minerals in the lower mantle. She is particularly interested in the storage and influence of hydrogen in Earth’s deep interior, and, at the AGU Fall Meeting, she presented the results of collaborative work she did with scientists at Ehime University in Matsuyama, Japan. For this work, she used density functional theory calculations to determine the structure and elasticity to pressures of 140 GPa of a polymorph of FeOOH. Her results improve understanding of the FeOOH–AlOOH–MgSiH$_2$O$_4$ system and provide an explanation for lower mantle heterogeneity inferred from seismic observations. In particular, her work suggests that iron-rich solid solutions of the FeOOH–AlOOH–MgSiH$_2$O$_4$ system may contribute both to the seismically observed large low shear velocity provinces and $S_p > S_v$ anisotropy at the base of the mantle.

At the meeting, Lily also served as a convener for a Mineral and Rock Physics session, and she helped organize an event for early career scientists in mineral physics through her position as a committee chair for the Consortium for Materials Properties Research in Earth Sciences. Lily also met up with Miquela Ingalls, a 2017 AWG Sand Student Research Presentation Travel Awardee and her maid of honor, and together they manned a shift at the AWG booth. The research Lily presented at the AGU Fall Meeting is published in JGR—Solid Earth (see doi: 10.1002/2017JB014168).

AWG Seeks New Field Trip Committee Co-Chair

The AWG Field Trip Committee works best with 2 co-chairs who more-or-less alternate primary responsibility for organizing trips. With that in mind, we’re looking for someone who’s willing to organize the 2019 field trip. The current co-chair, Marcia Knadle, will continue to be available to assist. If you’re interested, please contact Marcia at marciaawg@aol.com. If there’s someplace you’ve always wanted to go with 10-15 of your best geology friends, here’s your opportunity to make that happen!
AWG is thrilled to announce a new NSF Advance Partnership grant that has just been awarded to develop sexual harassment bystander intervention training specifically for the geosciences. Blair Schneider, AWG Past-President, will serve as co-PI and represents AWG, alongside Erika Marín-Spiotta (lead PI) from the University of Wisconsin-Madison and the Earth Science Women’s Network (ESWN), Billy Williams (co-PI) of the American Geophysical Union, Allison Mattheis (co-PI) from California State University, Rebecca Barnes (co-PI) from Colorado College and ESWN, Asmeret Berhe (co-PI) from the University of California and ESWN, and Meredith Hastings (co-PI) from Brown University and ESWN. The award is a four-year, $1.1 million grant from the NSF ADVANCE program. This program aims to increase the participation and advancement of women in academic science and engineering careers.

This partnership originally stemmed, and has continued to grow, from the NSF funded workshop “Sexual Harassment in the Sciences: A Call to Respond” that was co-sponsored by AWG in September of 2016. “I knew we had started a real spark of momentum with this workshop, and seeing the progress that is being made through professional societies in regards to developing and implementing effective codes of conduct has been a great result. The collaboration put forth for this proposal represents the next step to putting a stop to sexual harassment in the sciences,” Blair Schneider says.

The first goal of this project is to develop bystander intervention workshops and modules that will help department leaders and faculty learn how to appropriately respond when they witness seeing someone who is being harassed. In addition, the team will work on sexual harassment awareness and prevention training materials that they can be used for teaching ethical conduct related to research. The end goal of this project will be to collaborate with our professional society partners to help disseminate these materials across the nation for implementation and sustainability.
AWG Outstanding Educator Award

Is there a woman geoscientist professor who made a difference in your life? Please take the time to honor her with a nomination!

The Association for Women Geoscientists established the Outstanding Educator Award in 1988 to honor 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.

The deadline for nominations is April 1. The committee will review nominations for women educators with at least 20 years of service to the international geoscience community who have made outstanding contributions in at least two of the three categories of mentoring, instruction and curriculum, and outreach. Nominations must include a current vitae and at least six letters of recommendation from professional colleagues, former students, and current students (male or female).

Nomination materials are encouraged to directly address the review criteria (available online at http://awg.org/images/awards/AWG_Outstanding_Educator_Award_U.pdf). Compile all documents in one pdf file and email your nomination as an attachment to Chair of the AWG Outstanding Educator Award selection committee Dr. Kelsey Bitting at kbitting.awg@gmail.com.
Chrysalis Challenge

Take the CHRYSLIS CHALLENGE! Make a video to THANK YOUR MENTORS, challenge others to do the same, and make a donation to the AWG Chrysalis Scholarship fund. Go to: https://tinyurl.com/awgchrysalis

The AWG Chrysalis Scholarship provides support to women geoscientists who have had an interruption in their graduate studies. These women are goal oriented problem solvers, and the Chrysalis Scholarship helps them go back to finish their degrees so they bring those skills to the workplace.

When ‘life happens’, it is often women that are willing to make personal sacrifices in order improve the life circumstances of others. Those sacrifices should be temporary, not life-long. Chrysalis helps them get back to business!

Here is a link to view the video about the challenge: https://youtu.be/GNw9m7oFDcI

https://twitter.com/AWGchrysalis Twitter account for challenge

https://www.facebook.com/groups/495073124204157/ Facebook chrysalis challenge

https://tinyurl.com/awgchrysalis to the donation page.

What is the Chrysalis Scholarship?

The Chrysalis Scholarship 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.

Award Amount Up to $2,000 and a one-year student membership with AWG

For more details go to: http://awg.org/images/awards/Chrysalis.pdf

Or email chrysalis@awg.org
Mentoring is no longer exclusive to scientific conferences! Introducing Mentoring365, a new year-round mentorship opportunity. AWG, in collaboration with other Earth and space science organizations, created Mentoring365.

The program is entirely virtual, allowing scientists from around the globe to come together and share professional knowledge, expertise, skills, insights, and experiences. Throughout the program, mentors and mentees are provided with structured, adaptive tools to develop and attain their professional goals. **Mentors, apply now** to give back to the community and help support the next generation of Earth and space scientists. **Mentees, apply now** and ensure you reach your full potential.

**Eligibility**

Mentoring365 ([mentoring365.org](http://mentoring365.org)) mentees can be current students, post-docs, or recent graduates. Mentors can range in career stage from post-docs to senior scientists. The most important requirement is that you are dedicated to providing and receiving guidance.

**Time Commitment**

Once matched, mentors and mentees work through guided resources over the course of 3-months. Weekly check-ins should be held between each mentoring pair for approximately 30 minutes.

Please don’t hesitate to reach out if you have any questions or concerns about the program, and we’ll get back to you as soon as possible!

Best regards,

Mentoring365 Team

Email: mentoring@awg.org
AWG New Member Welcome

We want to welcome all of our new members that joined in 2017. All new members are listed below. We have 32 student and full AWG chapters in the United States. We also have a handful of international chapters. Our membership totaled around 1400 members at the end of the year with almost half of these being student members. For a break down with details check out the tables on the next page. IF you need to renew for 2018 please do so in the member section of our website at: http://www.awg.org or using the form at the end of GAEA. As always thank you for being a member. Let us know how we can serve you better at president@awg.org

Corporate Members
IDS Corporation

Institutional Members
Colorado State
William and Mary

Student/Reduced Income/Early Career Members
Nicolettta Christina Browne
Kaitlynn Jean Langenbau
Miss. Ellen Jenay Mills
Dr. Sarah N Heinlein
Holly Goggin
Maddie Quinn Gaetano
Emily Snyder
Ms. Lisa Herbert
Ms. Catherine Wilcox
Ms. Devin McQuaig
Mariah Christina Romero
David Auerbach Colwyn
Sanna Mairet
Emma B. Lodes
Samantha B. Ocon
Kuzipa Kapayi
Christine M. Ward
Alison Taveau Cribb
Charles D Czajka
Mariya Galochkina
Miss. Elizabeth R McTaggart
Alexandria N Boyd
Julian M Chesnut
Karyn C. DeFranco
Wu Jiaying
Sara Ann Ramos
Eleanor N Worthington
Kristy M. Barnes
Kelsea B. Best
Eva M. Biedron
Jennifer L. Bradham
Genna R. Chiaro
Trina L. Merrick
Jessica L. Raff
Elll R. Ronay
Gillian Greenberg
Guzhaliayi Sataer
Olivia Truax
Megan Brown
Carina Raquel Fish
Megan Balemian- Spencer
Amelia Barrett
Hailey Briseno
Melissa Chambers
Kelsey Crane
Ms. Joanmarie Del Vecchio
Ja'Nia Dunbar
Deanna Flores
Hannah Kempf
Janelle Lewis
Nyokia Martin
Amy Plechake
Mikaela Rader
Dahlia Rodriguez
Sinjini Sinha
Virginia Wala
Ms. Priyanka Bose
Anna Melby Thorson
Nicole Marie Greco
Alexia K Hilario
Ms. Nicole M Hethington
Ms. Kaitlyn Gauvey
Mrs. Chanel Leigh Fraser
Miss. Victoria M Hojnacki
Kelly Davis
Miss. Michelle Proulx
Morgan Treon
Grainne Barron
Marta Cabello
Martha Coleman
Sean Cunningham
Michelle Curran
CJ Frazer
Eleanor Honan
Lauren Knight
Ellen Lavelle
Roisin Mulvey
Sean Wheeler
Margaret Browne
Ms. Siobhan Burke
Aileen Doran
Hilde Anna Koch
Odhran McCarthy
### AWG Member Type

<table>
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### AWG Chapters

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<td>UT (Tennessee) Martin</td>
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<td>Vanderbilt</td>
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### AWG Regions

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<td>South Central (AR, KS, LA, OK, TX)</td>
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<td>80</td>
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New Members continued from page 20

Ms. Virginia Marcon
Jessica Bastian
Catherine Anne Valery
Stephanie Michelle Caples
Miss. Emily Nelson
Allison Severson
Holly Mangum
Serena Garcia
Amanda Johnston
Jessica Eagle-Bluestone
Miss. Kaitlyn Fleming
Miss. Lacee Lynn Griffiths
Mrs. Emily R. Barry
Miss. Bonnie Ann Flynn
Ms. Katherine Elizabeth Flynn
Ms. Melody Denise Morales-Zuniga
Jack Brown
Rachel Trimble
Emily L Brent
Miss. Abbey Lynn Warner
America Alvarez
Howasta Tahiry
Erika Valerio
Chelsea Blanton
Madison Burvant
Emma Josephine Vierra
Sarah McLeod
Mr. Ben Ellis
Brittney Emmons McKinney
Miss. Kelsey Burns
Angelique Rosa-Marã-n
Miss. Grace Louise Stone
Brittany Hinkle
Virginia Nippes
Ashleigh Kirker
Phylindia Gant
Samantha Rose Ritzer
Chelsea Sica
Chelsea Huckbody
Shelbie Annette Legett
Mr. Martin Nauton-Fourteu
Sara Oser
Jessica Franklin
Carolyn Hill
Ms. Fani Papageorgiou
Ms. Deirdre Walsh
Bethany Cobb
Janelle Wallace
Dr. Aoife Blowick
Nuha J. Abdullah
Bilquis Ahmed
Kherlen Batbayar
Shalena Boca
Adrienne J. Engel
Alexandra Geise
Mizane Johnson-Bowman
Mrs. Steffany Aguilar Loeb
Theta Lubliner
Ranyah Lycka
Jonalyn C. Madriaga
Peggy Mansfield McNeal
Anna Mwangi
Jennifer L. Schmidt
Alyssa Christine Pascuzzo
Mr. Victor J. Ricchezza
Rehemat Bhatia
Ms. Christy Bebeau
Carolyn Lang
Ms. Maria Therese Reistroffer
Akilah Alwan
Miss. Ryan A Venturelli
Chloe Stanton
Ms. Celeste Isabella Herrera
Taylor Brumley
Lori Farley
Shelley M Gilliland
Ms. Katherine Elaine Connell
Chioinema Maryanne Igwenagu
Chinwendu Grace Kalu
Dr. Miaomiao Meng, Ph.D.
Beatriz E. Serrano-Suarez
Carol Ann Whaley
Kimberly A. Birjue
Diane H. Cheung-Harris
Andrea C. Gustavson
Asmara A. Lehrmann
Marta Blanco Castano
Spencer Hellert
Chen-Ling Jenny Hung
Rachel Lupien
Hadley McIntosh
Stephanie Phillips
Brenna Grace Cole
Shamindri D. Tennakoon
Cristina Subt
Melanie Bowen
Anna Stanczyk
Emily Simpson
Lydia Albright
Mrs. Hannah-Maria Rachel Brame
Natalie Trivino
Mrs. Barb M. Crable
Hannah Troast
Miss. Mallorie C Gomez
Miss. Sabrina Renee Brown
Miss. Mignon le Roux, Jr.
Mary Katherine Fluharty
Ms. Catherine Elizabeth Henry
Stefanie Elizabeth Dodge
Abigail Heath
Elizabeth Andrews
Emily Campbell

Continued Page 22
New Members continued from page 21

Anna Katharina Schuh
Ane Slabic
Jennifer Luscombe
Julia Davison
Mrs. Cecia Saray Juarez Sanchez
Miss. Barlow Antar
Rachel L. Durham
Sheryl Stephenson
Kelsey Bicknell
Mr. Chase Thomas Glenister
Miss. Lisa H. Tanh
Julia Peacock
Ms. Allison Dowling
Kathleen Graham
Ms. Kate Nicponski
Miss. Emily Keller
Tiffany Wysong
Miss. Hannah J. Falkowski
Kathryn Pauls
Amanda Rachelle Hintz
Mr. Ken Oanes
Miss. Romana Dew
Emily Fairfax
Ms. Elisa Ariane Kitzke
Miss. Emma Maria Armstrong
William D. Bratton
Miss. April D Jones
Devra G. Hock
Elijah Turner
Mikaela Pulsipher
Emily Weaver
Megan Luna Barlow
Ms. Darja Dankina
Ms. Katherine L. E. Potter
Natalie Beatrice McNall
Lance Pompe
Hannah L. Bercovici
Tina Chen
Miss. Andrea Creighton
Miss. Samantha Moruzzi
Katelyn Anne Ruiz
Ms. Mary Hannah Schultz
Ms. Ilana Reanae Casarez
Regine Morgenstern
Ellen W. Alexander
Christine M. Downs
Anne A. Fulton
Rebecca E. Lauzon
Emily M. Maddox
Regina Pimentel
Stacey Coonts
Samantha M. Dow
Kelisha Stamps
Sandra Glasgo
Caitlin E. Haedrich
Elanor M. Heil
Roxanna Marie Vaught-Mijares
Mr. Kenneth Lee Wright, Jr.
Stacy Hendricks
Miss. Rose Borden
Ms. Hannah Gayle Pankratz
Ms. Jozi Kerry Pearson
Mrs. Nicole LaShelle Palmer
International Members
Maria Sol Bayer, Ph.D.
Diego Fernando Muñoz, Ph.D.
Mariana Addino
M. Susan Bargo
Emiliana Bernasconi
Claudia De Francesco
Marta Susana Fernandez
Gabriela S. Hassan
Karen Moreno
Laura Nicoli
Ms. Angana Chaudhuri
Ayomiposi Grace Oluwadebi
Marisel Carina Diaz
Angelica Ballesteros Pradol

Lifetime Member
Dr. Mindy Kimball

Professional/Sustaining
Professional Members
Nele Muttik
Dr. NARCISA Gabriela PRICOPE
Lily Lowery Claiborne
Maria L. Jorge
Jessica L. Oster
Dr. R Shane McGary
Dr. Mary C Bourke
Gordon Bromley
Eavan Collins
Dr. Clare Glanville
Dr. Helen Lewis
Fergus McAuliffe
Andrew Wheeler
Dr. Catherine Coxon
Jennifer Craig
Aggeliki Georgiopoulou, Ph.D.
Dr. Tiernan Henry
Anthea Lacchia
Pat Meere
Clare Morgan
Michelle Harris
Kathleen DeGraaff Surpless
Dr. Lauren Beckingham
Alison H Graettinger
Dr. Stefanie Brachfeld
Jillian Maloney
Mr. Robert N. Hawk
Mrs. Karen Hartman
Dr. Sandra Passchier
Dr. Aoife Elizabeth Brady
Continued Page 23
Professional/Sustaining

Professional Members

Barbara Park Poage
Dr. Shane Tyrrell
Dr. Aoife K Braiden
Dr. John J. Walsh
Ms. Susan Adele-Marie Rogers
Bonnie Bloeser
Dr. Karen Helene Fryer
Ms. Rachael Moreland
Dr. Birgit Hagedorn
Nora Noffke
Dr. Melody Sandells
Dr. Anastasia M Piliouras
Melissa Agnew
Suzanne Michelle Bourret
Dr. Lauren Trent Toth
Laura Vernon
Mrs. Paola Gomez-Birenbaum
Dr. Andrea G Grottoli
Ms. Inva Braha
Maritsa George
Dr. Richard Behl
Elizabeth A. Johnson
Kristen E. St. John
Beth Yuvancik Strickland
Jennifer Connolly
Amber T. H. Whittaker
Gina Seegers Szablewski
Ms. Grace Kellogg
Dr. Kendra E Murray
Robin Novosad
Ms. Cherie A Telker
Mindi Searls
Laura Erichsen
Christine Piela
Katie Gates
Mrs. Rosie Gilbert
Miss. Sarah Allen
Ms. Jessi Arrowood
Dr. Hallie Meighan
Amy Radakovich
Mr. Stephen Newman
Ms. Stephanie Theriault
Dr. Rachel M Headley
Katherine Marshall
Jayne Bormann
Dr. Cassandra Fenton
Mrs. Tegan Smith
Esme Faneuff
Dr. Sasmita Sahoo
Angelica Yuridia Mercado
Dr. Janell D. Edman
Andrea M. Molod
Becky S. Connolly
Dr. Sonia Nagorski
Ms. Nancy R Harris
Jenny A. Johnson
Ms. Callie Louise Cullum
Mrs. Stacey Antar
Lisa Meyer
Dr. Kathleen Nicoll
Dr. Esther L. Babcock, Ph.D.

Right—L to R: Stacey Antar, Barlow Antar, and Annie Daws hiking a canyon in the east part of Pinnacles NP. Photo by Linda Davis.

Left—Big Sur coastline. Photo by Marcia Knadle.

Continued Page 25
AWG Field Trip continued from page 24

Right—Tanya Atwater explaining seafloor spreading features and Port San Luis. Photo by David South.

Left—Offset bed of organics in Pallet Creek fluvial sediments. Photo by Marcia Knadle.
Right—Looking east across the SAF at Parkfield, site of USGS earthquake experiments.
Below—Huge basalt pillows at Port San Luis. Photo by David South.
AWG Awards

Guidelines for the
Outstanding Female Geology Student Award
Offered by Assoc. for Women Geoscientists—Salt Lake Chapter & the AWG Foundation

DESCRIPTION: Two separate cash awards totaling up to $1500 are intended to acknowledge outstanding achievements by female students majoring in geology. The award is intended to encourage the student(s) to pursue her career as a geoscientist.

ELIGIBILITY: Any undergraduate or graduate woman attending a Utah college or university with a declared major in a geology.

CRITERIA FOR SCHOLARSHIP AWARD: This is a great opportunity for professors to show their support of their female students. Eligible students must exhibit outstanding achievement and enthusiasm in geology courses and good academic achievement in other coursework. The student selected should represent the highest or near highest qualified student among her classmates. Nominees should exhibit a strong interest in or passion for geology. This award is NOT based on financial need. Each qualified recipient will receive an award of $750. If no letters of support are received for the undergraduate award, the scholarship committee may consider Ekdale Field Camp Scholarship applicants having outstanding qualifications to receive this award.

COVERED EXPENSES: Unrestricted use.

TO APPLY: Nominator will e-mail the following to awg.slchapter@gmail.com as PDF or Word file:

A written recommendation from the nominee’s geology professor stating why the nominee deserves the award. Only one entry per professor will be accepted; multiple professors may elect one single candidate. Please include the student’s contact information (e-mail, mailing address, and phone number) so we can contact the winner.

APPLICATION DEADLINE: Applications must be received by 23 March 2018.

DATE OF NOTIFICATION OF AWARD: On or before 7 April 2018.

RESPONSIBILITY OF AWARDEE: 1) The awardee is strongly encouraged to attend the Annual Silent Auction and Wine Tasting Scholarship Benefit on 7 April 2018 in Salt Lake City to accept her award. 2) The awardee is expected to submit a short article for the chapter newsletter.

QUESTIONS? Contact Janae Wallace (Office: 801-537-3387; janaewallace@utah.gov)
AWG Awards

The Association for Women Geoscientists, Salt Lake Chapter and the AWG Foundation are pleased announce the

2018 Susan Ekdale Memorial Field Camp Scholarship

A $3000 scholarship will be awarded to a female geoscience student to help defray field camp expenses*

TO APPLY: e-mail application as a .PDF or Word file to awg.slchapter@gmail.com

1) A one- to two-page (MAXIMUM) typed, double-spaced essay, that includes
   • A description of personal and academic highlights.
     • A description of how you plan to apply your geoscience education to your future work or education.
     • A brief explanation of why you are applying for the scholarship.
     • A brief statement of what you, as a woman, can contribute to the geosciences.
2) A letter of recommendation from a professor or instructor in any field or discipline.
3) A letter of eligibility from your department verifying your field of study.
4) Mailing address(es), phone number(s), and e-mail where we can reach you.

ELIGIBILITY:

1) Open to women attending mandatory geoscience field camp in 2018.
2) Applicant must be attending a Utah institution of higher learning, or be a Utah resident attending college elsewhere.
3) Scholarships must be applied to the cost of attending field camp, and may include equipment tuition, books, or child care.

APPLICATION DEADLINE: Applications must be received by 23 March 2018. Applications will be judged by the Scholarship Committee based upon merit and need. Academic performance will be considered to a lesser degree.

DATE OF NOTIFICATION OF AWARD: On or before 7 April 2018.

RESPONSIBILITY OF AWARDEE: 1) The awardee is strongly encouraged to attend the Annual Silent Auction and Wine Tasting Scholarship Benefit on 7 April 2018 in Salt Lake City to accept her award. 2) The awardee is expected to submit a short article for the chapter newsletter.

*The scholarship committee reserves the right to split the award between two recipients.
Research Scholarship
offered by the Salt Lake
Chapter of AWG and the
AWG Foundation

DESCRIPTION: This $1000 scholarship will help defray the costs of presenting research results at national or regional science conventions or meetings. The selected candidate will also receive a one-year AWG student membership.

ELIGIBILITY: Any undergraduate or graduate woman who is (1) attending a Utah college or university, (2) engaged in geoscience research, and (3) 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.

COVERED EXPENSES: Printing or publication costs, registration, travel to and from the meeting, lodging and meals associated with the meeting. Awardee must submit receipts for reimbursement. Expenses associated with the attendance of the applicant's research advisor or the attendance of other students will not be covered by this scholarship.

CRITERIA: This scholarship will be awarded based upon the quality and importance of the research being conducted and reported as judged by the Scholarship Committee. The Scholarship Committee reserves the right to split the award between graduate and undergraduate students and/or based on projected meeting costs.

APPLICATION MATERIALS TO BE SUBMITTED:
• Short description and summary of the purpose and importance of research, not to exceed 4 pages;
• Identification of the convention or meeting at which the research results are to be presented;
• A copy of the abstract submitted, or to be submitted, to the convention or meeting;
• A listing of courses taken during the term the application is submitted. If the abstract submitted with the application is not the final abstract accepted for the meeting, the awardee will provide the Scholarship Committee with a copy of the accepted abstract when available;
• A letter of recommendation from applicant's research advisor;
• Address(es), phone number(s), and e-mail of the applicant.

PLEASE NOTE: If the research is not presented at an acceptable meeting within 16 months of awarding this scholarship, the Chapter may revoke the scholarship with no obligation to the awardee.

DATE APPLICATION DUE: 23 March 2018

DATE OF NOTIFICATION OF AWARD: On or before 7 April 2018.

RESPONSIBILITY OF AWARDEE: 1) The awardee is strongly encouraged to attend the Annual Silent Auction and Wine Tasting Scholarship Benefit on 7 April 2018 in Salt Lake City to accept her award. 2) Out of professional courtesy, the Chapter requests that the awardee acknowledge this award by mentioning the Chapter and the Foundation in any publications or presentations she makes for this project, and 3) submit a short article for the chapter newsletter. We offer to help the awardee prepare her presentation by providing scientific advice/critique of the talk or poster if desired.

QUESTIONS? Janae Wallace (janaewallace@utah.gov; 801-537-3387)

SEND COMPLETED APPLICATIONS: Via e-mail to awg.slchapter@gmail.com

POTENTIAL MEETINGS FOR SCHOLARSHIP: http://www.americangeosciences.org/member-societies

GAE—Winter Quarterly—2018 28
AWG Awards

Guidelines for the
Dr. Lee Allison Memorial
Professional Development
Award
Offered by Assoc. for Women Geoscientists--Salt Lake Chapter and the AWG Foundation

DESCRIPTION: One $800 cash award is intended to help defray the costs for a Utah female professional geoscientist to participate in a specific professional development activity. The award is intended to encourage the applicant to pursue or enhance her career as a geoscientist. 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. The committee will decide, based on the application, if the professional development activity qualifies for the award.

ELIGIBILITY: Eligible applicants are female Utah residents holding a bachelor’s degree or higher in a geoscience field who have participated in, or who plan to participate in, a specific professional development activity between April 1, 2018 and March 31, 2019.

CRITERIA FOR AWARD: This award will be given based upon the applicability of the professional development activity to the Utah applicant’s chosen field of expertise and requested monetary amount.

COVERED EXPENSES: Most costs related to the activity that will be incurred by the applicant and would not be otherwise be covered by an employer or other funding source are eligible, including registration fees; travel, lodging and meals while attending the activity; licensing fees; and childcare expenses. Lost wages or salary for time away from work are NOT eligible.

TO APPLY: The applicant shall e-mail the following to awg.slchapter@gmail.com as a .PDF or Word file: (1) Identification of the professional development activity that the applicant is requesting reimbursement for, including dates; (2) a detailed description of expected or incurred costs up to the maximum award amount; (3) letter from the applicant explaining how the professional development activity will further her career or employability and a statement of why the applicant deserves the award; (4) registration form, summary schedule, or other documentation of the professional development activity from the organization hosting the activity; (4) applicant’s contact information (e-mail, mailing address, and phone number).

APPLICATION DEADLINE: Applications must be received by 23 March 2018.

DATE OF NOTIFICATION OF AWARD: On or before 7 April 2018

AWARD DISTRIBUTION: Applicant will be reimbursed for expenses based on submittal of receipts.

RESPONSIBILITY OF AWARDEE: 1) The awardee is strongly encouraged to attend the Annual Silent Auction and Wine Tasting Scholarship Benefit on 7 April 2018 in Salt Lake City to accept her award. 2) The awardee is expected to submit a short article for the chapter newsletter.

QUESTIONS? Contact Janae Wallace (Office: 801-537-3387; janaewallace@utah.gov)
Take the lead in environmental geosciences

With Penn’s Master of Science in Applied Geosciences, you stay ahead of the curve in remediation practices. Advance your career and learn from industry leaders about:

- Geologic field methods
- Stormwater systems
- Project management
- HAZWOPER certification
- New technologies and techniques

Apply by April 1 for a fall 2018 start. Details at: www.upenn.edu/msag
AWG Membership

ENCOURAGE participation of women in the geosciences
- Scholarships
- Girl Scout Activities
- Congressional Visit Days
- Student Awards for Geoscience Excellence (SAGE).
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