Wanted- New Field Trip Committee Co-Chair!

The AWG Field Trip Committee works best with two co-chairs who more-or-less alternate primary responsibility for organizing trips. With that in mind, we are looking for someone who is willing to organize the 2019 field trip. The current co-chair, Marcia Knadle, will continue to be available to assist. If you are interested, please contact Marcia at marciaawg@aol.com. Here is your opportunity to visit some place you have always wanted to go—with 10 to 15 of your best geology friends!

Takken 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.

awg.org/images/awards/AWG_Takken_Student_Research_Awar.pdf.

**How do I get my update included in Enews?**

Updates for E-news must be submitted to the E-news editor (enews@awg.org) by the 3rd Friday of the month.

**About E-news**

E-News is a monthly publication that is distributed during the last week of each month.

To advertise in Enews, email ads@awg.org.

To unsubscribe, email office@awg.org.

---

**It’s Time to Renew**

It is time to think about renewing your AWG membership for 2018. Membership dues have been slightly increased to accommodate for fluctuations in the economy. As things take more money to run, AWG needs to increase our budgets. We hope that these small changes are not too much of a hardship. Student memberships are now $20, professional memberships are $50, and sustaining professional memberships are $100.

We now have a new membership level: Early Professional ($30). This membership is for those who are very early on in their careers (within three years of graduation).

The Sustaining Professional membership level helps support services for Student and Reduced Income members, as well as the new Early Professional members.

**Our Sustaining Professional members are rock stars!**

Click here to renew your membership now!

Please contact the AWG office (office@awg.org) for questions or if you have a problem with login.
About AWG

The Association for Women Geoscientists is an international organization devoted to enhancing the quality and level of participation of women in geosciences and to introduce girls and young women to geoscience careers.

Membership is open to anyone who supports AWG's goals, including:

- professional women and men from industry, government, museums, academia, and K-12
- students
- retirees
- others interested in supporting our goals

Our diverse interests and expertise cover the entire spectrum of geoscience disciplines and career paths, providing unexcelled networking and mentoring opportunities. Our membership is brought together by a common love of earth science and the desire to ensure rewarding opportunities for women in the geosciences.

Advertise with AWG

Advertising with AWG provides a cost-effective opportunity to target a large audience of geoscientists. AWG publications reach a diverse audience of over 1,000 earth science professionals, educators, and scholars - both women and men - who are members of the organization, plus corporations and institutions worldwide.

- Cost-effective method of reaching a targeted audience of women geoscientists
- Direct distribution of Gaea newsletter FOUR times per year to all members of the Association
- Additional distribution of an issue of Gaea at the AGU, GSA, AAPG and AIPG annual meetings
- The AWG web page (JobWeb) is widely known and referenced
- AWG E-mail News bulletins are sent once a month to AWG's membership
- Access to wider distribution throughout a diverse community via members' personal and informal networks
- Corporate and institutional members receive 20% off all advertising

For questions or to advertise with AWG, please email ads@awg.org.

The AWG Editor has final determination in acceptance and classification of materials submitted. There are no commissions. Rates are subject to change without notice.
Maria Luisa Crawford Field Camp Scholarships

This program supports promising young women who pursue geoscience careers through attendance at field camp. Two $750 scholarships are awarded annually through a competitive process.

General Information
• Award Amount: Two awards of $750 each will be given to offset the cost of summer field camp (awards include AWG membership)
• Application Deadline: February 14th, annually

Application Criteria and Procedures
• Applicant must be 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.
• Applicant must have a GPA of 3.0 or higher.

Apply online (https://nagt.org/nagt/students/awg_crawford.html)
• The application calls for an essay explaining how the field-camp experience fits into long-term academic and career goals, two letters of recommendation, and a college transcript.
• Students who are designated as Crawford Field Camp Scholars will receive one $750 award that comes from AWG. This program enables NAGT to award additional scholarships.

Click here to see the past awardees!
Questions? Email crawford@awg.org.
AWG Undergraduate Excellence in Paleontology Award

The Association for Women Geoscientists is pleased to announce the 2017 AWG Undergraduate Paleontology Award. The award, which consists of a $1000 cash prize and membership in the Paleontological Society and AWG for the tenure of the awardee’s schooling, will be presented to two outstanding female undergraduate students pursuing a career in paleontology. This award was made possible by the generous donations of Drs. David Watkins and Mary Anne Holmes and the Paleontological Society. All application materials must be received by April 15. The winner will be notified in May and the award will be distributed in early summer.

QUALIFICATIONS
A. Applicants must be women pursuing education as an undergraduate student in the paleontological – and affiliated – sciences at a degree-granting institution.
B. Applicant must be enrolled as a student during the period of the award.
C. Proof of student status in the form of transcripts (official or unofficial) must be provided.
D. Successful applicants will exhibit exceptional motivation, professional potential, outreach, and long-term commitment to goals.
E. Students may receive the Undergraduate Paleontology Award only once during the tenure of their undergraduate careers.
F. No prior AWG or PS membership is required.
G. National or international students are allowed to apply, with the exception of sanctioned countries.

For more information about application requirements, visit the AWG Awards and Scholarships web page at awg.org/awards and click on the AWG Undergraduate Excellence in Paleontology Award.

Comment on GSA Position Statement

Geological Society of America (GSA) members are invited to comment on the GSA position statement: Removing Barriers to Career Progression for Women in the Geosciences.

Comments will be accepted through February 15, 2015.

You must be a member of GSA to comment.

For more information, visit https://www.geosociety.org/GSA/Science_Policy/Position_Statements/Current_Statements/GSA/Positions/home.aspx?hkey=1ea6ed3e-7300-46b1-869b-2b066a6bf954
Now accepting applications for the 2018 Domestic Nuclear Detection Office (DNDO) Summer Internship Program

The U.S. Department of Homeland Security (DHS) Domestic Nuclear Detection Office (DNDO) Summer Internship Program provides opportunities for undergraduate and graduate students to participate in projects at federal research facilities located across the country focused on helping DNDO meet its mission of “implementing domestic nuclear detection efforts for a managed and coordinated response to radiological and nuclear threats, as well as integration of federal nuclear forensics programs.” This program will prepare a diverse, highly talented, educated, and skilled pool of scientists and engineers to address issues related to national security and nuclear detection and to enhance the future scientific and technical workforce to be both knowledgeable and trained in fields of specific interest to DNDO.

Undergraduate students receive a stipend of $600 per week for ten weeks plus reimbursement for travel expenses up to $1,000.

Graduate students receive a stipend of $700 per week for ten weeks plus reimbursement for travel expenses up to $1,000.

Research experiences are offered at the following locations:
- Argonne National Laboratory (Argonne, IL)
- Lawrence Berkeley National Laboratory (Berkeley, CA)
- Lawrence Livermore National Laboratory (Livermore, CA)
- Los Alamos National Laboratory (Los Alamos, NM)
- National Security Technologies – Remote Sensing Laboratory (Las Vegas, NV and Andrews AFB, MD)
- Oak Ridge National Laboratory (Oak Ridge, TN)
- Pacific Northwest National Laboratory (Richland, WA)
- Stanford Linear Accelerator Laboratory (Menlo Park, CA)

Areas of research: Engineering, computer science, mathematics, physics, chemistry, environmental science, and more.

U.S. citizenship required

Application deadline is January 29, 2018, at 8:00 AM EST

Applications and supporting materials must be submitted at www.zintellect.com/Posting/Details/3873

Detailed information about the internships can be found at orau.gov/dndo/

For information about DNDO visit www.dhs.gov/about-domestic-nuclear-detection-office.

For questions please email dhsed@orau.org.
From the ground(water) up
One Penn alumna dives into green infrastructure

“Since I was little, I’ve always been very interested in water. As a kid, it fascinated me that everything on the ground was washed off by rain,” remembers hydrogeologist Janelle Jesikiewicz, (Master of Science in Applied Geosciences ’17). After working as an environmental scientist for an environmental consulting firm, Janelle came to the University of Pennsylvania’s Master of Science in Applied Geosciences (MSAG) program to pursue her passion for geology.

“In Penn’s MSAG, I had access to professors who are pioneers in the green infrastructure industry. I worked closely with Howard Neukrug, the former CEO of the Philadelphia Water Department, as his teaching assistant and collaborated with him for my final Project Design,” Janelle adds, “I had a full circle educational experience.”

For Janelle’s Project Design, she focused on Shoemaker Green, an outdoor public space in the heart of Penn’s campus that is paving the way for urban green infrastructure. “The way it’s designed allows for stormwater within a 2.75-acre radius to be drained and treated in that area,” she explains, “The use of local plant life and runoff barriers improve water quality and reduce the effect of the urban heat island.”

Are you ready to earn a graduate degree and advance your career in environmental geosciences?
Register for a virtual information session on February 15 and learn more about Penn’s MSAG at:
WWW.UPENN.EDU/MSAG
Purdue University: Head Professor, Department of Earth, Atmospheric, and Planetary Sciences

Purdue University invites applications for the position of Head of the Department of Earth, Atmospheric, and Planetary Sciences to start as early as August 2018. We seek a recognized researcher with a proven track record of leadership, vision, and mentoring. The successful candidate will have a clear plan to continue to increase the visibility, stature, and intellectual leadership of the department and the College of Science. The department head will demonstrate a commitment to excellence in teaching. The EAPS department is an interdisciplinary department with 40 faculty whose diverse research topics range from the Earth’s mantle through the atmosphere, to the surfaces of other planets, to sustainable communities. We currently have new research initiatives in energy and environment, natural disasters and hazards, and data science. Department faculty are also involved in University-wide multidisciplinary research in planetary science, geochronology, climate change, and environmental science. Further information about the Department can be found at https://www.eaps.purdue.edu/ and additional materials are available upon request.

The Department of Earth, Atmospheric, and Planetary Sciences is one of seven departments in the College of Science with involvement in numerous interdisciplinary programs and centers. Beyond the College, Purdue’s strengths in Engineering, Agriculture, Veterinary Medicine, Pharmacy and the Health and Human Sciences contribute to a robust research and educational environment. Further information on the College of Science is available on the website at www.science.purdue.edu.

Qualifications: The successful candidate will have a Ph.D. in Earth, Atmospheric, and Planetary Sciences or a related discipline, an outstanding record of scholarly achievement and a history of extramurally funded research commensurate with the rank of full professor at Purdue, exceptional and proven leadership abilities, a vision for the Department in the university, state, and nation, a commitment to excellence in undergraduate and graduate education, an enthusiasm for engagement, and a dedication to championing diversity and inclusion.

Applications: Interested candidates should submit a cover letter, curriculum vitae with the names and e-mail addresses of three references, a statement of research and teaching accomplishments, and a vision statement for the future of EAPS research and education. Applications should be submitted to http://hiring.science.purdue.edu. Inquiries should be directed to Ken Ridgway, Chair of EAPS Head Search Committee, ridge@purdue.edu. Review of applications will begin February 15, 2018 and will continue until the position is filled. A background check is required for employment in this position. Purdue University’s Department of Earth, Atmospheric, and Planetary Sciences is committed to advancing diversity in all areas of faculty effort, including scholarship, instruction, and engagement. Candidates should address at least one of these areas in their cover letter, indicating their past experiences, current interests or activities, and/or future goals to promote a climate that values diversity and inclusion.

Purdue University is an EOE/AA employer. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.