

ASSOCIATION FOR WOMEN GEOSCIENTISTS



Salt Lake Chapter

History and record generosity marked
AWG-Salt Lake Chapter's 25th Annual
Silent Auction and Wine Tasting



"The Green Madam" by Brad Wolverton was up for bid at this year's silent auction. She agrees that our donors, volunteers, and fundraiser patrons are groovy.

25th Annual Silent Auction and Wine Tasting Quick Facts

- \$5255, an all-time chapter fundraising record, goes to our scholarship and outreach funds!!
- 4 scholarships worth \$3750 were awarded
- 27 volunteers helped host
- 153 attendees enjoyed the night
- \$3828 was made from the silent auction item bids

Read more inside!

25TH



Anniversary

Highlights

- Record fundraising efforts: ~\$5300!!
- Hear from our scholarship winners
- Science fair awards promote young geologists
- NEXT MEETING MAY 14

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CHAPTER MEETING WEDNESDAY, MAY 14

Do you think the Salt Lake Chapter does amazing things? Awesome things do not happen magically. How about getting involved? Come to the next meeting: Wednesday, May 14, 2014, 6:30 to 8:30 PM. The chapter will provide pesto chicken. Please bring a side or beverage to share. At the home of Janae Wallace, 1376 S. 22nd East Street (2200 E) (behind the Dan's Foods on Foothill).

PRESIDENT'S MESSAGE

When I first became a geology student I had no idea the type of community I was stepping into. I soon realized that it doesn't matter if you speak a different language, have different political views, or enjoy different foods (or beers). For geologists, rocks are a universal language that breaks down all barriers and allows people from every walk of life to share their passion.

At this year's silent auction and wine tasting I had the privilege of meeting almost everyone who attended, and that idea of geology as a universal language was never more prevalent. There were presidents and CEO's, professors, students, a few physicists and chemists, mothers, fathers, innocent bystanders, friends and that one crazy guy.

Everyone came together and I can guarantee that at one point during the night, every single person talked about a rock or two.

That is why I am proud to be a geologist, and why I am excited to be the president of a chapter that can bring so many different



2013-2014 AWG-Salt Lake Chapter President Amanda Gentry and her husband Michael at Maroon Bells, Colorado

people together to share so much passion. My wish is that we can share this experience with as many people as possible because it is an experience that you can find nowhere else in the world.

In that spirit, never stop sharing your passion with those around you because you never know, you could be introducing someone to a new language that will change their life forever!

Amanda Gentry

Salt Lake Chapter Celebrates 25 Years with a Record Breaking Fundraiser

By Amanda Gentry with contributions by Janae Wallace. Photos by Janae Wallace and Lucy Jordan.

Wow! What an amazing night to celebrate the 25th Anniversary of the Salt Lake Chapter! **We raised \$5255** for our scholarship recipients and hosted an event that will continue to shape the world of women geoscientists as we know it. The leadership and dedication of the members of the Salt Lake Chapter of AWG speak for themselves on a national level. Our chapter has been leading the way in organizing successful fundraising and networking events in the entire AWG community.

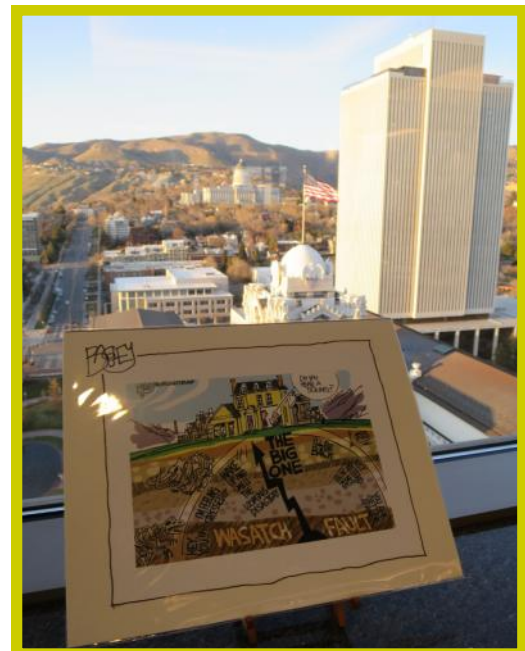
This year's auction was especially charmed by the attendance of our chapter's founding pioneers: Lu Pellerin and Lori Robison. These ladies, along with the help of Dr. Margie Chan, established our grass-roots



Past and current scholarship winners L to R: Carolyn Levitt-Bussian, Brittany Dame, Patti Garcia, Paris Morgan, Molly Ellowitz, Hannah Peterson, Taylor Witcher, Jody Gisseman, Amanda Gentry, Janae Wallace.



Founding chapter members L to R: Lu Pellerin, Lori Robison, and Lori Clark.



An original Pat Bagley cartoon depicting our collective tendency to ignore warnings about impending rupture of the Wasatch Fault is displayed on a windowsill with a view of the Capitol and the fault.

(Continued on page 4)

Annual Fundraiser, cont.

funding efforts by holding a wine tasting in Lori's living room that included a bowl for donations. That first fundraiser has evolved through many different venues to the Silent Auction and Wine Tasting it is now, towering above the city at the top of Zion's Bank. The active chapter members are grateful for the keen insight these women had and the direction in which they led us, not to mention their continued support!

In addition to our founding members, none of this would have been possible without each and every volunteer that stepped up (see page 7). I would especially like to thank some of the heavy hitters that made sure everything was staged and ready to put together. Lucy Jordan has been amazing on every level and I am grateful that she agreed to be my voice at all the planning meetings. Katie Keller Lynn ran the heart and soul of the silent auction and made sure everything looked and worked beautifully. LeeAnn Diamond was on top of permits to hold the event, serve alcohol, and accept money, and to make sure we followed the rules. MaryEllen Wickham took the initiative to make our invitations and signage look professional. Rachel Peavler did a fabulous job with the food. We all knew what we were doing and where to go because Tammy Wambeam did a wonderful job organizing all the volunteers, and Janae Wallace managed the

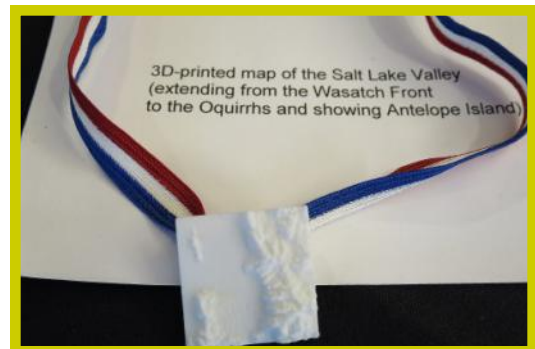


Some current and past officers of the Salt Lake Chapter: L to R: Amanda Gentry, Lucy Jordan, Lori Clark, Lori Robison, Katie KellerLynn, April Abate-Adams, Martha Hayden, Jessica Castleton, Janae Wallace, Mary Ellen Wickham.

ultimate goal of finding our scholarship recipients.



Bartenders David Lynn, David Boyer, and Drew Jordan. Matt Wickham not pictured.



Only at the AWG-SLC Silent Auction can you bid on a 3D printed pendant depicting the geography of the Salt Lake Valley. Donated by Janet Roemmel and Roy Adams.

Each year we reach out to new women in the geosciences, and each year we come together and make a difference in the lives of those around us. Never stop sharing your passion and never stop exploring what's around you, because you are the one paving the road for everyone else behind you! See you next year!

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Annual Fundraiser, cont.



Long-time supporters Phil Wannamaker, Marylin Segall, and Robert Ressetar.



Long-time supporter Tony Ekdale, right, enjoys the buffet.



Bartender Drew Jordan with long-time supporters Ken and Angela Krahulec



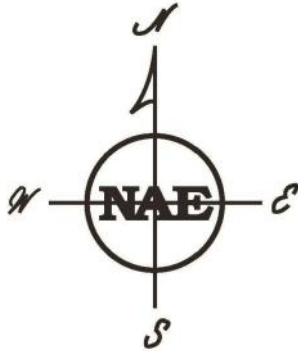
Chapter president Amanda Gentry and Platinum Level Corporate Sponsor Jay Gatten of North American Exploration.



Old and new supporters enjoy some food and wine.

THANK YOU TO OUR 2014 CORPORATE AND PRIVATE DONORS

Platinum Level



North American Exploration
Kaysville, Utah



Englewood, Colorado

Gold Level



Salt Lake City, Utah

Silver Level



Berkeley, California



Park City, Utah



Washington, DC

Private

Michael and Margaret King
Roy Adams and Janet Roemmel
Gary Christensen
Lisha Cordova

Genevieve Atwood
Robert and Alane Boyd
Craig Morgan
Ann Mattson

WHAT WAS THE HOT ITEM? AUCTION-ITEM REPORT

Once again, our silent auction donations committee, chaired by Katie KellerLynn, gathered an exceptional collection of 177 quality items up for bid this year. We raised \$3808 on auction items alone! David Lynn/Katie KellerLynn and Margie Chan together donated about half of the items, which brought in over \$1800.

Among the highest valued items, according to their final selling prices, were a framed antique map of South Africa and "Paramecium" (original illustration) by Brad Wolverton



Antique map of South Africa donated by Margie Chan



"Paramecium" by Brad Wolverton

Other valuable items were *Down the Colorado* (book) by John Wesley Powell and "Wasatch Fault" (original sketch) by Salt Lake Tribune artist Pat Bagley combined with *Welcome to Utah* (book signed by author Pat Bagley). What other silent auction can you attend that can bring you these kinds of treasures? OK, so then we will see you again next year!

ITS NOT TO EARLY TO DONATE FOR NEXT YEAR

Katie KellerLynn will gladly accept donations for 2015 at any time between now and next March (katiekellerlynn@msn.com or 801-608-7114).

FUNDRAISER VOLUNTEERS

We couldn't have done it without you!

Ashley Cott
Amanda Gentry
Brittany Dame
Brittany Ungerman
Carolyn Levitt-Bussian
Cindy Cromer
David Boyer
David Lynn
Drew Jordan
Janae Wallace
Janet Keller
Jessica Castleton
Jody Gisseman
Katie KellerLynn
Kent Keller
Lauren Boyer
LeeAnn Diamond
Lucy Jordan
Maria Groves
Martha Hayden
Mary Ellen Wickham
Matt Wickham
Naomi Kisen
Rachael Peavler
Randy Wambeam
Suzanne Walther
Tammy Wambeam



2014 Association for Women Geoscientists Salt Lake Chapter Scholarship Winners: L to R: Paris Morgan, U of U (Ekdale Field Camp Scholarship); Molly Ellowitz, U of U (Ekdale Field Camp Scholarship); Hannah Peterson, UVU (Research Scholarship); Taylor Witcher, U of U (Outstanding Student Award).

**Susan Ekdale Memorial Field Camp Scholarship co-recipient
Molly Ellowitz — University of Utah \$1000 Award**

Growing up in Utah, Molly Ellowitz developed a strong love of the mountains and desert. She began her education as a Geography major while competing as a semiprofessional freestyle skier. After taking an introductory Earth Sciences course her sophomore year, she felt like everything fell into place and she had found her niche in college. This year, she has had the incredible opportunity to work with Dr. Barbara Nash studying feldspar zoning in large-volume ashflow tuffs of the Yellowstone hotspot. Upon graduating this summer with a double major in Geography and Geology and a research scholar designation, she plans to pursue a research oriented graduate degree with an emphasis in volcanology and igneous petrology.



Molly Ellowitz—U of Utah

**Susan Ekdale Memorial Field Camp Scholarship co-recipient
Paris Morgan — University of Utah \$1000 Award**

Paris Morgan is a senior at the University of Utah and plans to graduate in Summer 2014 with a B.S. in geoscience and an integrated certificate in sustainability. Paris is also a Science Communication Fellow at the Natural History Museum of Utah. This is a unique opportunity to gain knowledge of the best ways to communicate science to non-scientists. She is very interested in developing programs to aid fellow scientists in these techniques and sees this as an area of focus as she moves forward in the geosciences. She is honored to be awarded this scholarship and would like to thank everyone for donating to the AWG scholarship fund.



Paris Morgan—University of Utah

Scholarship Winners continued from page 8

Research Scholarship — provides up to \$1000 to present at a scientific conference

Hannah Peterson—Utah Valley University



Hannah Peterson—Utah Valley University

Hannah Peterson is a freshman at Utah Valley University and began studying geology during her first semester. She is currently studying anthropogenic effects on the wetlands and popular fish species of Utah Lake, and she processes soil samples from the lake for stable isotope analysis. She plans to present the crucial results from this project at the Geological Society of America meeting held in Vancouver, British Columbia, Canada in October 2014 and is very grateful for this scholarship, which will help her to do so.

Hannah is excited and anxious to continue her studies and continue doing research. Learning more about the field is incredibly rewarding to her and she hopes to repay this honor by making meaningful contributions through her studies and work.

**Outstanding Female Geoscience Student Award
Taylor Witcher — University of Utah \$750 Award**

Taylor Witcher is a Utah native who will be graduating from the University of Utah with a B.S. in geology next spring. She has a special interest in structural geology, and is currently doing research mapping active faults in the Great Salt Lake, and also investigating a series of debris flow deposits in Utah Lake that are large enough to have caused tsunamis. She looks forward to a lifelong career studying in the outdoors, and is very grateful for the generous recognition from AWG.



Taylor Witcher —University of Utah

Chapter Awards for Science Fair Projects are Creating New Geoscientists

By April Abate-Adams and Lucy Jordan



Senior division judges L to R: Michelle Sanders, Amanda Gentry, LeeAnn Diamond, and project coordinator April Abate-Adams. Also judging were Katie KellerLynn and Cindy Cromer (not pictured).

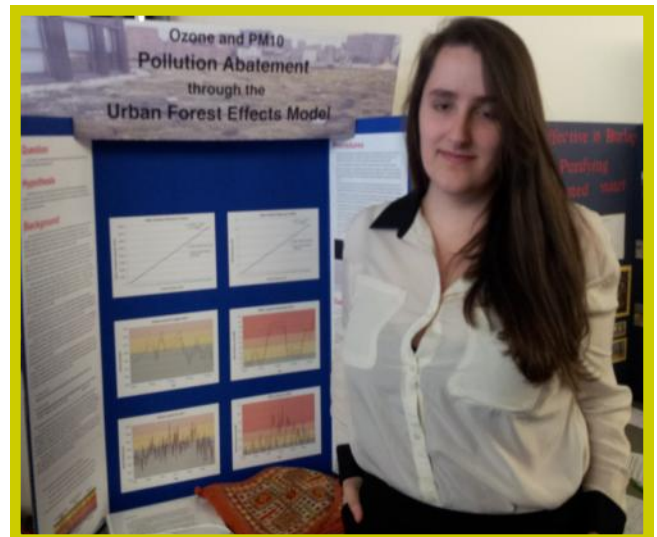
In March, the Salt Lake Chapter once again offered special awards at the Salt Lake Valley Science and Engineering Fair, a regional science fair from which the winners go on to compete on the international level. Our special awards are given to girls presenting outstanding geoscience-related projects.

Six chapter members volunteered one or two days in late March to judge projects and award over \$400 in cash and prizes to 6 girls ranging in age from 7th to 12th grade. All of

these funds were made possible by donations collected at our annual silent auction fundraiser.

Our ultimate goal for this project is to encourage young women to pursue a career in the geosciences. After six years of making these awards available, we have seen several repeat winners, which we take as *proof* that our awards are providing positive reinforcement for girls to pursue geosciences. More proof: this year we received this encouraging note from the mother of two sisters who each won our awards.

“My daughters were thrilled (to win) and the judges were so kind and encouraging to them. My younger daughter...now says she wants to be a geoscientist. ... I just wanted to say thanks for acknowledging them and their science fair entries and for making them feel special.”



First Place Senior Division - Emma Hansen for her project "A Look at Ozone and PM10 Pollution." Emma and her sister Hannah were also winners last year.

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This year we presented a total of six awards with cash prizes. The science fair was over the course of two days: the Elementary Division on Thursday and the Junior and Senior Divisions on Friday. Our elementary division judges included Katie KellerLynn, Cindy Cromer, Amanda Gentry, and April Abate-Adams. We judged approximately 11 projects and ended up awarding two.

First Place Elementary - Ellie DeGrootte (\$50 award and a prize) for her project entitled "A River Runs Through It". She tested water at five different lakes along a sequence of dams in Arizona. The elementary Honorable Mention went to Elisa Tsalpatouros (\$25 award and a prize) for "Is Drinking Water A Luxury? How to build an economic water purification system in third world countries."

The junior and senior category judges were Michelle Sanders, Amanda Gentry, LeeAnn Diamond, and April Abate-Adams. Approximately 13 girls entered eligible projects.

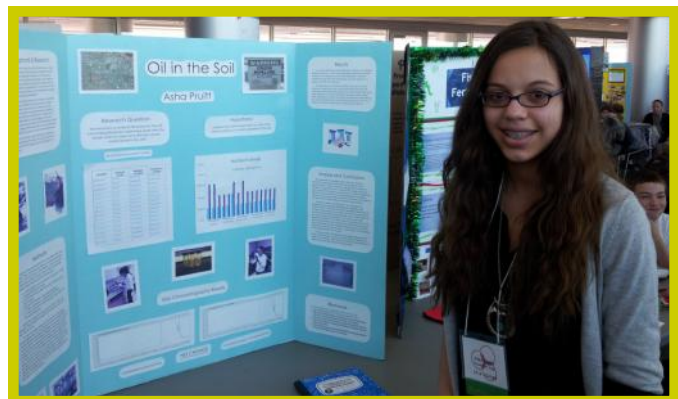


First Place Junior Division winner Kate DeGrootte for her project "From the Ashes: How does wildfire damage affect soil over time?" Kate's sister Ellie also won our award this year.



Honorable Mention Senior Division: Courtney Pratt for her project: "Impactite Characteristics of River Rocks." She studied impact breccias near meteorite impacts in southern Utah.

The First Place Junior Division winner was Kate DeGrootte (\$75 and a prize) for "From the Ashes." She tested soil from four known burn sites and nearby undamaged areas to see how quickly vegetation can grow back. The Junior Honorable Mention went to Asha Pruitt (\$50 and



Junior Division Honorable Mention Asha Pruitt for "Oil in the Soil". She asked the question: are remnants of crude oil still in soil from the Chevron pipeline spill near Red Butte Garden?" Asha is a repeat winner.

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a prize) for "Oil in the Soil." She investigated if remnants of crude oil are still in the soil from the Chevron pipeline spill near Red Butte Garden.

The First Place Senior Division winner (\$100 and a prize) was a repeat winner from previous years! Emma Hansen's "A Look at Ozone and PM10 Pollution" reported on how the use of green roofs in Salt Lake Valley could help abate this type of pollution. Senior Division Honorable Mention went to Courtney Pratt (\$75 and a prize) for her very geologic "Impactite Characteristics of River Rocks," a study of impact breccias near meteorite impacts in southern Utah.

Project manager April Abate-Adams presented the awards at a ceremony at Taylorsville High School. April will be unable to lead the project in 2015, so if you are looking for a fun way to get involved with the Salt Lake Chapter and young geologists, this is it! Contact us ASAP.

A NOTE FROM DOWN UNDER

Margie Chan (2014 GSA Distinguished International Lecturer) visited with Nicole Cox (former 2005 AWG award recipient, M.S. BYU, now teaching structural geology at Federation University in Ballarat, Victoria, Australia) while on speaking tour in Australia. It just so happened they were discussing the long tradition of AWG Salt Lake Chapter fundraisers right about the time the 2014 event was happening back in Utah. It is a small geologic world.

Dr. Chan is currently speak in China.



Former AWG-SLC award winner Nicole Cox, left, and Margie Chan, U of U, in Ballarat, Australia.

Utah Geological Survey is Requesting GRANT APPLICATIONS

For Research Pertaining to:

Characterization of Utah's Geologic Resources – FY 2015

The full announcement and application can be found at:

<http://geology.utah.gov/emp/research/solicitation/index.htm>

For several years the Utah Geological Survey has outsourced research to improve understanding of Utah's natural resources.

The purpose of this solicitation is to enter into a contract (or contracts) with a qualified individual or firm to provide geologic research on Utah's: (1) oil and natural gas resource potential, (2) unconventional oil and gas resources such as tar sands and oil shale, (3) geothermal resources, (4) economic metals, (5) industrial minerals, (6) groundwater resources, and (7) geologic studies that will improve understanding of Utah's geologic resources.

We hope to award up to six grants, a maximum of \$25,000 per grant, for the Fiscal Year July 1, 2014 through June 30, 2015.

The deadline for submission of proposals is 4:00 p.m. on Friday, May 30, 2014.

This has been a very successful program for several years, please visit <http://geology.utah.gov/emp/research/index.htm> to learn more about the program and see a listing of past projects, many with links to published final reports.

Questions? Contact Craig Morgan at: craigmorgan@utah.gov

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Past President: Lucy Jordan

President Elect: **Vacant—your
name here.**

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Join the Association for Women Geoscientists-Salt Lake Chapter Facebook Group to hear breaking news from the Chapter, get fast updates on events, see photos posted by group members, and discuss issues relative to women geoscientists. Find us by searching Facebook for "Association for Women Geoscientists-Salt Lake Chapter" or go to



<https://www.facebook.com/groups/AWG.SLC/>



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