

WAAIME Executive Committee approves plans for 2017-2018

by **Blanche Blatter, WAAIME Executive Committee Chair**

In July 2017, the WAAIME Executive Committee sent a notice out to all the WAAIME section chairs regarding the availability of funds from the Iris Owen Auction Fund. The committee received requests for these funds from the following sections: Arizona-Tucson/San Manuel, Chile-La Serena, Chile-Santiago, Mexico-DF, Mexico-Torreon and Pennsylvania-Western. The Pennsylvania-Western Section donated their funds to the two Mexico sections.

The total distribution to all sections was \$8,000. Jean Davin donated an additional \$200 dollars to the Mexico sections.

The Executive Committee is thankful for the hard work and dedication of all of these sections. Some limited funding is still available. If your section would like to apply to receive funds for your scholarship programs, please contact waaime@smenet.org.

The Executive Committee met twice this past year in addition to the SME Annual Conference and Midyear meeting. In July, the committee met with several SME staff including Dave Kanagy, Executive Director; Mike Hedges, Deputy Executive Director-Finance & Administration; and Genny Homyack, WAAIME Liaison and Executive Assistant. The following items were discussed:

- A new scholarship website.
- Disposition of the silent auction funds.
- WAAIME 100th anniversary celebration expenditures.
- Proposal to fund the Ph.D. scholarship program.
- Support to the Mining Foundation of the

Southwest program.

- Travel expenses policy.
- Proposed WAAIME operating practices to be implemented while the bylaws are still under review.

The Executive Committee provided SME copies of three motions made at a special meeting in Denver, CO on July 14, 2017 attended by Blanche Blattner, Lydia Hull, Kathryn Dew and Jean Davin.

- WAAIME requirements to fund the Ph.D. program.
- Approval of a donation of \$1,000 to support the Mining Foundation of the Southwest Awards Banquet to be given from the Chest Fund.
- Approval of a change to the travel policy as outlined in the Merger Agreement to leave expenses to the discretion of the Executive Committee and to generally include all the lodging and travel expenses of the Executive Committee members and adjunct members as appointed for the SME Annual Conference and Midyear meeting and any other meetings as deemed necessary.

The second special meeting was held in Orlando, FL in October 2017. A proposed Modification to the Merger Agreement was reviewed and agreed to by the WAAIME Executive Committee, and a decision to fund the Ph.D. proposal program was approved. ❖

Winnell Burt is 2018 Founders Award winner

Winnell Burt is the recipient of the 2018 WAAIME Founders Award for her exemplary and continuous service to the AZ-T/SM section and the UT/N section serving in the capacity of scholarship chair at both the local and national level, serving as the AZ-T/SM section treasurer and now as its chair. The Executive Committee commends her on her faithful and continuous dedication by always expressing her support through actions, such as attending midyear and annual meetings and continuously furthering the goals and purposes of WAAIME.

Winnell Burt grew up on an Arizona cattle ranch and graduated from the University of Arizona. She later obtained her elementary certification and reading specialist degree from Arizona State University. She joined the WAAIME AZ-T/SM section in 1982 and spent the next 19 years raising two children, acting and directing with a local community theatre group and as an active WAAIME member.

She and her family moved to Utah in 2001, where she joined the WAAIME UT-Northern section, then returned to Arizona and currently serves as the WAAIME national scholarship chair. She joined the WAAIME National Board in 2003 and served in numerous capacities until WAAIME became a division of SME. In 2009, she was elected to the WAAIME Executive Committee and served as chair in 2010. She has been married to Chris Burt for 41 years, and they enjoy sailing, traveling and spending time with the family. ❖





Minutes of the WAAIME finance and scholarship meeting

The WAAIME Division 2017 Finance & Scholarship Meeting took place at the Copper King Hotel, Butte, MT on Friday, Sept. 8, 2017, 8 am-4 pm.

Attendees included: Lydia Hull, Eastern Representative; Winnell Burt, voting proxy for Kathryn Dew; Jean Davin, voting proxy for Blanche Blattner; Mike Hedges, SME Finance Director; Tom Austin, UBS; Ryan Smith, UBS; Gregory Beckstrom and Genny Homyack.

The meeting was opened with introductions. An overview of the WAAIME Scholarship program was provided for Beckstrom, who is interested in learning the process of establishing a scholarship award.

WAAIME directories

The distribution of the WAAIME directories was discussed. Motion was made by Davin, proxy for Blattner, seconded by Burt, proxy for Dew: International sections will receive translated versions by email, and all those who live in the United States without an email address will receive a hard copy. The vote was unanimous in favor.

Financials and 2018 budget

Hedges reviewed financials and the 2018 budget. Austin and Smith discussed the WAAIME portfolio.

Iris Owen Silent Auction Fund

Hedges received a motion to disperse funds from the Iris Owen Silent Auction Fund. This motion was made at a WAAIME Executive Committee conference call on Sept. 4, 2017. The two Mexico sections will receive \$2,500 each and the Tucson and Chile Sections will receive \$1,000 each. The Pennsylvania Section is donating its \$1,000 award to the two Mexico sections. This is included in the amount noted above for the Mexico sections.

Ph.D. program

The decision regarding the Ph.D. program was discussed in addition to the request from Kanagy to reconsider the stipulation requiring a promissory note from the recipients. Homyack noted a concern regarding the difficulty of collecting loans.

WAAIME stands firm in its decision to run the Ph.D. program as a loan with yearly forgiveness of such loan, based on the recipient's working in academia on a teure track. This is the only way WAAIME will support the

program. It was also re-emphasized that, if the SME board does not wish to follow the WAAIME guidelines, WAAIME would be willing to accept one of the SME applicants on WAAIME terms. If not, WAAIME will seek its own candidate. It was agreed that no changes will be made to the motion made by the Executive Committee on July 14, 2017 as follows:

- The WAAIME Ph.D. candidate will be funded by a \$60,000 loan per year with a duly signed yearly promissory note, such loan/note to be forgiven pro rata each year that the WAAIME sponsored Ph.D. candidate works in academia (teaching) upon graduation.
- Should the Ph.D. candidate fail to graduate, or fail to work in academia (teaching) upon graduation this clause will be enforced by all legal means.
- The WAAIME Ph.D. candidate may be chosen by the SME Foundation from any excess candidates from their Ph.D. program. Should there not be an available candidate from the SMEF program, WAAIME will endeavor to find its own candidate for funding.
- Participation in the SMEF Ph.D. program by WAAIME includes naming rights for the WAAIME funding.
- WAAIME participation in this program is re-viewable after the fourth year of participation, or sooner, should the SME Foundation make changes to this program.

WAAIME website and scholarship application process

A brief overview of the new WAAIME website and application process was discussed. A new timetable for WAAIME applications was also discussed — so as not to confuse the students who apply for other SME Division scholarships for the 2018 calendar year. The new website and format will be ready for the 2018-2019 school year application process and will be limited to undergraduate students only. ❖

WE NEED E-MAIL ADDRESSES!

Your assistance is needed and appreciated! To ensure that you receive all WAAIME member information in a timely manner, the SME team needs to have your current and *unique* email.

Due to new IT requirements, it must be an exclusive email that is *not shared by anyone else, especially anyone else who may be a member of SME*. Please send any email or other directory updates to Genny Homyack at homyack@smenet.org.

Necrology

| date joined | name, city and section | |
|-------------|---------------------------|------------|
| 1977 | Ruth Casper, Tucson, AZ | AZ-T/SM |
| 1988 | Mary Roberts, Roswell, NM | TX-EI Paso |

Minutes of the WAAIME Executive Committee midyear meeting

The WAAIME Executive Committee meeting took place on Saturday, Sept. 9, 2017, 8:30-11:30 am at the Copper King Hotel, Butte, MT.

Attendees included: Lydia Hull, Eastern Representative; Winnell Burt, voting proxy for Kathryn Dew; Jean Davin, voting proxy for Blanche Blattner; Genny Homyack, SME liaison to WAAIME and guests Dave Kanagy, SME Executive Director; John Mansanti, SME 2017 President; and Barb Arnold, SME 2017 President Elect.

Review of UBS presentation/ financial discussion

The UBS presentation was discussed. Davin stated that the portfolios for SME and the SME Foundation showed a greater return than the WAAIME portfolio and raised a concern that they were underperforming the desired financial goal. Some additional discussion followed about whether it would be advisable to be more aggressive with the investments. It was agreed that UBS will continue to be closely monitored, and no changes will be made to the current investment firm. Davin also requested clarification regarding where the unrestricted funds show on the financial statements.

There was some discussion regarding how to assist those affected by the recent hurricane. Hull will research the issue and provide a recommendation for a donation to be made to a relief organization at the October Executive Committee meeting.

Approval of minutes

The minutes from 2/19/2017, 7/12/17, 7/14/17, 8/13/17 and 9/4/17 were presented for approval.

Motion was made by Davin, proxy for Blattner, to approve the minutes from 2/19/2017, 7/12/17, 7/14/17, 8/13/17 and 9/4/17 with the corrections noted below, seconded by Burt, proxy for Dew. The vote was unanimous in favor.

Minutes of Sept. 4, 2017. The motion stated in the second paragraph will be corrected to read: Funds will be awarded from the Iris Owen Auction Fund as follows — The two Mexico sections will be awarded \$2,500 each and the Tucson and Chile sections will be awarded \$1,000 each. The Pennsylvania Section is donating its \$1,000 award to the two Mexico sections. This is included in the amount noted above for the Mexico sections.

Minutes of Feb. 19, 2017. Under item 9a, the first sentence will be changed to add the following statement: in honor of WAAIME's 100th Anniversary.

Visit from SME officers

Mansanti, Arnold and Kanagy visited to provide updates regarding SME and to address any concerns. Mansanti asked what the three most important goals to WAAIME would be in order to maintain the spirit of the current Merger Agreement or to establish any other future agreement.

Hull stated that the most important item was that WAAIME is supported in its desire to continue doing the traditional things that WAAIME has always done, such as giving to those in need and maintaining the scholarship fund.

Hull also stated that WAAIME would like to revitalize its membership. It was noted that the Merger Agreement was not designed to increase memberships in WAAIME. Arnold and Mansanti both stated full support for WAAIME's goal to grow the membership but noted that WAAIME will need to take advantage of the professional expertise that SME has to offer and become paying members of the Society (while offering a grandfather clause to current members). SME will then support efforts with marketing and promotion of the WAAIME membership.

Davin expressed concern that the suggestion that WAAIME members become full paying members of the Society might inhibit efforts to increase membership. She noted that WAAIME isn't considered a "professional" division and that young people do not have the time or money to join.

In summary, it was agreed that within the desire for WAAIME to be able to continue its traditions, the three most essential items to WAAIME are to maintain the scholarship fund, increase membership and have the ability to donate money towards needy causes.

Davin also noted that the value of a membership in WAAIME must be better defined. The WAAIME story needs to be better promoted via social media. It was further noted that there may be individuals who are seeking a way to participate in philanthropic interests, such as a membership in WAAIME might provide, and that WAAIME could offer special programming, such as a career development program.

Mansanti stated that increasing membership is very important to SME and that he would like to work with WAAIME to help meet this mutual goal.

Merger Agreement discussion

The motion to update the Merger Agreement was discussed. It was requested that Item 5 include additional detail — after the scholarship and administrative fees have been defined, the remainder of funds may go towards philanthropic causes.

Website contract/agreement

Kanagy stated that the agreement with Lost Dog Developments looked like a good deal; and he gave his approval with the caveat that this procedure did not go through the normal SME procurement process. He further noted that it is standard for nonprofits to use the .org — instead of .com — and that SME has WAAIME.org available.

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Missouri-Rolla supports local schools and science-camp scholar

by Laurie Miller, Section Treasurer

In October, the section held its annual student scholarship luncheon on the Missouri S&T campus. It was hosted this year by the Materials Science and Engineering, Geosciences and Geological and Petroleum Engineering, and Mining and Nuclear Engineering Departments in honor of our recipients. It was a great time to include our spouses, meet our students and learn about how the WAAIME scholarship has helped them with their future plans — all while enjoying good food.



Asia Ellingsworth, summer camp scholarship recipient.

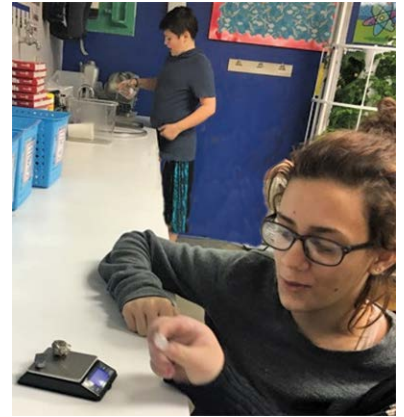
Science donations

The ladies of the Rolla chapter have also been busy supporting local rural schools with their science needs. These schools are often overlooked and the teachers are so appreciative and excited to

find out we can fulfill a wish list. This year we chose the Dent Phelps RIII School and sent an earth science CD interactive lesson, bucket balances, an earth-science book set and 60 individual white boards, erasers and markers for

the interactive lessons.

The section also aided a second school, the Salem Junior High, with much needed computer speakers, digital timers, thermometers, scales with metrics, and science books. Missouri-Rolla encourages any section to reach out to their local rural schools; we find this a very rewarding service.



Students from the Salem Junior High are using one of the scales purchased by the section.

Camp scholarship

This year, the section also gave a \$400 scholarship, in memory of long-time members Shirley Day and Virginia Govier, to Asia Ellingsworth to attend a science camp.

“It’s A Girl Thing” camp is a week-long residential program at Missouri S&T designed to provide 7th and 8th grade girls with a fun introductory experience to science, technology, engineering and mathematics (STEM) careers through design competitions and group projects. ❖

(l-r) WAAIMes Theresa McCarthy-Brow, Jill Fahrenholtz, Rachel Hagni, Gill Worsley and Tina Hilmas; students Tanner Eliuk, Suzanne Taylor, Caroline Dziak and Charles Abbey; WAAIMes Dottye Wolf, Laurie Miller (back) Jaci Huebner, Ruth Robertson and Laure Bartlett.





Pinal Mountain Section donates books; awards scholarship

by Mary Anne Moreno, Section Chair

The ladies of the Pinal Mountain Section have not been idle. With the generous support of Freeport-McMoRan, Miami Operations, the section was able to distribute 550 books entitled *Rocks and Minerals* to every fourth grade student in the Globe, Miami, Superior, Kearny, Hayden, San Carlos and Fort Thomas, AZ schools. This was the sixth year the section was able to provide this reference book to students in an effort to get them excited about geology and to encourage a possible interest in a career in the mining industry.



Rocks and Minerals books donated by the Pinal Mountain Section were well received by students and teachers in the local Arizona schools.



Section members, (l-r), Joyce Napp, Jane Grove, Marilyn Rasmussen and Mary Anne Moreno presented Derek Pacheco with a check for \$1,000.

This fall, the group will again be distributing almost 600 books to the new crop of fourth graders at the same schools, thanks to the generous support of Resolution Copper Co., the second time this organization has funded the project.

Section scholarship

In addition, the section was able to award its first scholarship in several years. Derek Pacheco is a student in mechanical engineering in his junior year at Northern Arizona University. He is a resident of Kearny, AZ and a graduate of Ray High School with an impressive grade-point average. ❖

South Dakota School of Mines & Technology

WAAIME scholars at the South Dakota School of Mining & Technology recently gathered for a photo. They are: back row (l-r) Karl Keller, Trenton Blow, Jonathan Barkl, Saiprasad Sreekumar Ajitha, Venkata Aneesh Kona and Cedric Dimasa. Front row (l-r) Alyssa Gebhart, Averyonna Kimery, Annie Bruch, Bobbi Strange and Rahul Bhargava.





Chile-Santiago sends geology student to GSA competition

by Benilda Dahmen, Section Chair

The Chile-Santiago WAAIME section is proud to report that one of its scholarship recipients, Tamara Aránguiz, a geology student at the University of Chile, was selected to participate in the Best Student Geologic Map competition at the Geological Society of America's (GSA) annual meeting in Seattle, WA on Oct. 22-25, 2017. The competition is open to all students who have created a geologic map as a result of recent and substantial field work. Tamara, together with other geology students, created a geological map of the High Andes of Santiago, Chile, a very interesting subject in the geological history of this area.

The map and the accompanying technical paper, "Tectonic evolution and geological history of the Colina and Volcán River valleys in the high Andes of Santiago,



Tamara Aranguiz presented her poster at the Best Student Geologic Map Competition at the GSA Annual Meeting in Seattle, WA USA.



Santiago WAAIMES gathered at Manquehue's Club at the end of September. (l-r) Sarita Massardo, Rosita Enríquez de Klohn, Nayaret Faundes, María Isabel Saavedra, Verónica Prado, Elena Kaunas, Benilda Dahmen López, Cristina Arancibia, Gladys Cariaga, Katherine Pinochet, Tamara Aránguiz, Paulina Valenzuela and Adriana San Martín.

Chile," was presented at the meeting in the Washington State Convention Center.

Due to the high cost of airfare, registration, hotel and meals, the Section approved a donation of \$1,000 to help Tamara attend this important meeting. The University of Chile and private contributions funded the remaining cost of the trip. Tamara sent a letter to the Santiago Section chair, Benilda Dahmen López, thanking WAAIME for the contribution of \$1,000. She said that the WAAIME scholarship was a great help in obtaining her degree as a geologist, and she will be always grateful for the support she received. At the end of September, before Tamara left for the GSA meeting in Seattle, the members of the Chile-Santiago Section met with her to give her good advice and affectionate good wishes for her trip.

The section is also especially thankful to WAAIME for the extra donation from the Iris Owen fund and to Iris Owen for this initiative. The funds will go to good use. ❖

Midyear meeting

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Hull stated that Lost Dog Developments will provide ongoing support, and a link with a firewall will be provided to SME. Kanagy further stated that, if the site needs to be hosted by SME, it will need to be thoroughly reviewed by the SME IT staff. He requested additional information on a long-term plan and a time frame or calendar of events.

SME will provide Dew with a reimbursement for payment made to Lost Dog Developments. Kanagy requested that all future invoices be sent directly to SME from the business.

WAAIME loan program

The WAAIME loan program was discussed, and it was

noted that just over \$7,000 is still owed to WAAIME. It was requested that SME send a final letter to the loan recipients requesting the amount owed and then to send any remaining debt to a collections agency.

Other items

— A WAAIME Executive Committee meeting is scheduled for Oct. 4-6 at Hull's residence in Florida.

— Blattner will continue in her role as the International Representative next year. Hull will assume the position of chair and Blattner will train a new International Representative to take over her term.

— Hull will provide the name of the Founders Award recipient to SME staff at a later date.

The meeting was adjourned at 11:30 am. ❖

Activities of the Mexico-Torreon Section

by **Beatriz Sanchez Elias, Section Chair**

This year, the Mexico-Torreon Section awarded eight scholarships. Thanks to the additional money given to the section from the Iris Owen fund, it was able to increase the amount that was given to each scholarship recipient this semester. The Mexico-Torreon Section is planning to invite the students that who received scholarships to join them for a social event in December. The students will give the section members an update on their studies and plans for the future.

The section continues to meet monthly to coordinate section activities and to socialize with the 19 current members. ❖



Some of the section's scholarship recipients are **Jose Miguel Garcia Macias, Sharon Ibarra Moreno, Andrea Contreras Fong, Veronica Leticia Villareal A., Erik Garcia Ramirez and Heriberto Vargas Ramirez.**



Members who gathered for a recent section meeting included: (l-r) **Patricia Cardenas, Nidia Vigil, Socorro Terrazas, Olga Echavez, Beatriz Berumen, Julia Castañeda, Mayela Garza, Maribel Roman, Lucy Nieto, Imelda Cortez, Laura Luevanos and Rosy Sanchez.**

WAAIME booth at Perumin 33 hosted many visitors



(l-r) **Elizabeth Armendariz Lima-Peru Section past president; Susana Palomino, current section president; Dave Kanagy, SME Executive Director; Marisa Amico, SME representative in Peru; and Rafaela Delgado, Lima section scholarship Chair.**

Every two years, the city of Arequipa in Peru is home to Perumin, one of the largest mining conventions in the world. Since 1954, the convention has brought together government representatives, businessmen, industry and academia for the development of and innovation in the Peruvian mining industry. This year, there were more than 70,000 attendees, 1,000 exhibitors, 280 conferences and 28 delegations from countries such as Germany, Chile, Argentina, Australia, the United States, France, Canada, Finland, the United Kingdom and Sweden, among others. The convention was held Sept. 18-22, 2017 at the National University of San Agustin, whose facilities were remodeled for the event.

Marisa Amico, SME administrator in Latin America, was in charge of promoting SME during the event and many SME and other visitors stopped by the SME's WAAIME Division booth, hosted by the Lima-Peru section, during Perumin 33. ❖



Peru-Lima section celebrates its 64th anniversary and WAAIME's 100th

by Blanche Blattner, WAAIME Executive Committee Chair

The Peru-Lima section celebrated its 64th year in Peru and the 100th anniversary of WAAIME international at the Swiss Hotel in Lima. The Adel Pae orchestra entertained the guests during the evening.

Blue ribbons and medals were given to all past presidents of the Peru-Lima section to celebrate the two anniversaries.

Also honored that evening was the president of the Peruvian Institute of Mining Engineers, Daniel Arias, who received an award in honor of his mother and sister. ❖



The new Executive Committee for Lima-Peru and some of their guests included: top row (l-r) Gladys del Carpio, Maritza Gamarra, Susana Palomino, Blanche Blattner and Rafaela Delgado. Seated (l-r) Claudia Vega, Maria Alejandra Delgado, Gladys Duharte and Ana Parodi de Palomino.



At Left: Ernst & Young (EY) is a strategic partner with the Lima-Peru and hosts round table events for the section during the year. (l-r) Blanche Blattner, WAAIME; Mayerlin Zambrano, EY; Susana Palomino, WAAIME; Beatriz Bosa, EY; and Rafaela Delgado, WAAIME.

Below: Students who received scholarships this year from the section are: (l-r) Daniel Calderon; Rafaela Delgado, WAAIME; Miguel Pinto; Yenerfer Villanueva; Yulissa Pocco; Blanche Blattner, WAAIME; Susana Palomino, WAAIME; Roger Aguirre; Andre Alvarado; and Pablo Nuñez.

