



Midyear report on WAAIME activities

by Jean Davin, Chair, Executive Committee

Hello to the WAAIMES. I just want to update you on some of the WAAIME events and accomplishments. It was a good fiscal year for WAAIME, and we aim to continue this trend.

Financials

UBS continues to steward the WAAIME funds and our present fund balance is approximately \$9,374,000. The Executive Committee holds almost monthly calls with UBS due to the volatility of the stock market.

Scholarships

Scholarship money awarded to the international sections and undergraduate and graduate students this year topped \$300,000. Our first Lou Henry Hoover WAAIME Ph.D. Fellowship scholar is in his second year of four at the Missouri University of Science and Technology and is on course to obtain his Ph.D. with academic success.

WAAIME members are part of an SME Committee exploring options for opening WAAIME international sections in areas where AIME-member societies have international student sections to assist with scholarship funding/screening. We have held one conference call, with more to be arranged. Since this is a change to the WAAIME-SME Merger Agreement, both the WAAIME Executive Committee and the SME Board of Directors need to approve any alterations.

The WAAIME scholarship application for academic year 2020-2021 will be open on the WAAIME website, www.waime.org/applicationguidelines.aspx, from January 15 through Feb. 5, 2020. Members who are interested in working with the student applicants should respond to the email sent out by our scholarship adjunct, Lydia Hull. Or forward your name and email address to the SME office via our SME Division Liaison, Tanya Kriss (kriss@smenet.org).

Membership

Pursuant to the Executive Committee's decision to try to visit sections whenever possible, WAAIME members visited the Lima-Peru Section this past September. We only sent a representative to the huge mining convention in Arequipa due to the lack of hotel space, and we then headquartered in Lima. There, we had brunch with Lima Section members as well as potential members the section had invited. We hope that some of these Lima members come to the MineXchange 2020 SME Annual Conference & Expo to share their methods of increasing membership and fundraising. (See my summary of the trip, page 2.)

We also hope to update the WAAIME Directory with email addresses for *ALL* WAAIMES — as well as your most current information. PLEASE obtain an email address that you can use that is reliable or an email address for a person who will give you our messages, if you do not have

computer access. We hope to send out a monthly email updating you on what is happening, give you a forum for questions and answers, thank our donors and sponsors, and generally keep in touch.

Founders Award

The Executive Committee reviewed the criteria for awarding the Founders Award and decided to make a few changes:

1. Honorary Members will now be eligible to receive the Founders Award.

2. Only one Founders Award will be given to a person.

These proposed changes will be forwarded to the SME Board of Directors for its review. WAAIME will present the Founders Award pendant and citation during the SME banquet on Wednesday, Feb. 26, 2020. Please join us in honoring our awardee, Lydia Hull (see page 5).

Annual Meeting in Phoenix, Arizona Feb. 23-26, 2020

In addition to our sale/auction in the SME Convention Center this year, we will again host:

- Student games.
- Selfie tag for students featuring exhibitors' clues and prizes totaling \$1,000.
- A matching scholarship auction (of up to \$5,000) to be awarded to a university or student of the winner's choice.
- The student/WAAIME members reception on Monday evening.

And we are working on a program that could include breakfasts and dinners, speakers, a 10-hour tour of Sedona, Jerome and Montezuma Castle; a night at the Improv Comedy Club, as well as a Phoenix/Scottsdale city tour.

We will update our timeline and selections on these by Dec. 1, 2019 and will forward more information to everyone that week. Please join us if you can. A day long program is being planned for Saturday, Feb. 22, 2020, so plan on coming a day earlier to take part in the fun.

Our meetings begin on Sunday, Feb. 23, 2020 and will include investments, financials, scholarship, membership, fundraising and planning for the Midyear meeting. All members are invited to attend all meetings, including the Executive Committee meeting where we vote to affirm decisions discussed.

Philanthropic endeavors

WAAIME donated \$10,000 to the SME Foundation's (SMEF) Minerals Education Coalition to assist with its booth at the 24th World Scout Jamboree in West Virginia

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Executive Committee visits Peru

by Jean Davin, Chair, Executive Committee

Greetings to the WAAIMEs — Prior to our merger with SME, the WAAIME Board visited with one of its sections several times a year. The Executive Committee thought it was about time that we returned to this practice and touch base with the sections. As the Lima Section was about to attend the Perumin Mining Convention in Arequipa, we accepted their invitation to come to Peru. However, we had no idea that they were expecting in excess of 60,000 people to this convention and that hotel rooms were already nonexistent. Our response to the situation was to send Winnell Burt to Arequipa as the representative from the WAAIME Executive Committee, who will report separately on Perumin. The rest of us headed to Lima and arrived on Sunday, September 15.

Trip to Cusco/Machu Picchu

Bright and early the next day, we flew to Cusco, elevation 11,000 ft, and started drinking the coca tea. We spent the day touring the area by bus, the cathedral at Cusco, the town square, the Sacsayhuaman ruins and, of course, stopped at a shop where they showed us how to tell the difference between virgin baby alpaca wool products and just alpaca wool products. That necessitated buying beautiful virgin baby alpaca wool sweaters, scarves and shawls. A very successful afternoon led to an early evening and no dinner, as many of us were afflicted by the elevation, the late night and early flight. Plus, we were preparing for an early trip the next morning to Machu Picchu.

We left Cusco by bus again on Tuesday to head to the train that would take us to the base of Machu Picchu, Peru's most famous tourist attraction. The train ride was great, with dessert and drinks being served, and we arrived ready for the bus ride up the winding road. Lots of tourists were waiting, so we were happy that we had a great tour



Visit to Machu Picchu. First row (l-r) Kipley Hull, Jean Davin. Second row (l-r) Jerry Bays, Lydia Hull, Michael Davin, Blanche Blattner and Katherine Pinochet.



Meeting with the South American sections.

guide who helped us with our arrangements and was so knowledgeable about Machu Picchu. No one knows the real name of this settlement; it received the name of the mountain on which it was housed. We were all very impressed with the architectural skills of these people who lived hundreds of years ago. See more photos on page 8.

After lunch, we headed back to the train station. Our biggest glitch happened on the way back when the train ran over a child's bike on the tracks. This resulted in a 4-hour train ride, instead of the 1 1/2 hours it was supposed to be.

Meetings with South American Sections

We were all glad to get out of the altitude of Cusco on Wednesday and flew back to Lima. Winnell joined us, and we took a driving tour of Lima that afternoon. We had dinner at a fantastic restaurant on the ocean shoreline, so we had a beautiful view. We then went to Park of the Reserve where they had various water features with lights and music.

Thursday we began our day with breakfast at the hotel and a whole day of meetings, including reports from Susanna Palomino from Peru and Katherine Pinochet from Chile. Dinner was scheduled at another fantastic restaurant, where we were joined by Blanche Blattner's sister, Elizabeth. We were also supposed to visit the ruins which were being excavated right by the restaurant, but the English speaking guide was unavailable at that time.

On Friday, we took a bus to the Franciscan Monastery, the Lima Cathedral, did a little shopping along the streets, and had lunch at a typical Peruvian buffet. We were driven around Lima and saw several more areas of the city. That evening we had dinner and a show centering on various types of Peruvian dancing. Costumes were great.

Saturday, we met with Diana Rake, chair of the Lima Section, to further educate us on their methods of fundraising and recruiting members, along with a brunch

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Report from Arequipa — Perumin

by Winnell Burt

I flew to Lima on Sunday, September 15 and arrived in Lima the next day in the morning. After checking into the Holiday Inn across the street from the airport, I was picked up by Blanche’s secretary, Evit, and her driver, and was taken on a tour of the city. Had a wonderful lunch at a Chinese restaurant and then toured the Blattner’s factory and business facility, Tumi Raise Boring.

I was up early the next day to fly to Arequipa. At the convention, I met Susanna Palomino and Diana Rake, chair

of the Lima Section. A highlight of the day was the scholarship reception that was held in the center of the Perumin convention area. Four scholarships were awarded to students by the Lima section. In the early evening, I returned to the house where I was staying in Arequipa, and later in the evening I attended the SME dinner with Stuart Blattner, Susan Palomino and Diana Rake. I flew back to Lima the next morning and met up with the rest of the WAAIME Board.



WAAIMES at Perumin gather in the Cerro Verde (copper mine) booth. (l-r) Veronica Valderrama, the Ejecutiva de Cerro Verde, Elizabeth Armendariz, Winnell Burt, Julia Torreblanca, Augusto Cauti, Peruvian vice minister, Mining; Diana Rake (current chair of the Lima Section), Carla Vasallo, Maritza Barzola and Susanna Palomino (past chair of the Lima section).

Peru visit

Continued from page 2

with potential members and members of the Lima Section. The program for the brunch centered on self-worth, using the goddesses of Greece and Rome as examples. Later we went shopping in a market section of Lima for lots of touristy items. We finished the day with a dinner at a Peruvian-style Chinese Restaurant, which was excellent.

On Sunday, we began our day with a Peruvian breakfast at Blanche’s home. She and her husband were excellent hosts. We had to complete our meeting agenda at her home as well. Later, we took a bus to a luncheon with a horse-dancing program, similar to the Lipizzaner horses. Some members of our group were brave enough to ride these horses after the program. Then on to the airport to return home.

It was a wonderful trip, and we give many thanks to Blanche Blattner, her husband, Stuart, and the Lima ladies for showing us a great time. We hope some of these ladies will join us, as promised, in Phoenix. ❖



Winnell Burt (l) and Diana Rake (r) at Perumin.

West Virginia, UNR and St. Francis present WAAIME scholarships

The Lewis E. and Elizabeth W. Young scholarship grants are administered by WAAIME’s Pennsylvania-Western section (see photo below). The grants may vary in amount depending on the money available from the investment of the capital donated to WAAIME by Lewis and Elizabeth Young. An eligible recipient must be a graduate from a high school located in the general area of the Pennsylvania-Western Section — Western Pennsylvania, West Virginia or Virginia — or a student enrolled in a college or university in the general area of the section. The grants are awarded on the basis of need, scholastic achievement and good character. Students must plan to study mining engineering, metallurgical engineering, material science or petroleum engineering in a four-year curriculum.

Lewis Young was a noted mining engineer and president of AIME in 1949. Elizabeth Young was an active member of the Pennsylvania-Western section for many years.



WVU students who received WAAIME scholarships are first row (l-r) Richard Shipe, Daniel Ausherman and Vladislav Kecojevic, Mining Engineering Department chair; second row (l-r) Rince Longo, Eric Blinkhorn, Morgan Kearney, Emily Horowitz and Danqing Gao.



West Virginia University students received Young Scholarships: (l-r) first row Erica Mc Cauley and Zoey Carper; second row (l-r) Andrew Moore, Toussaint Boulez, Thomas Wetzel and chair of the WVU Mining Engineering department, Vladislav Kecojevic.

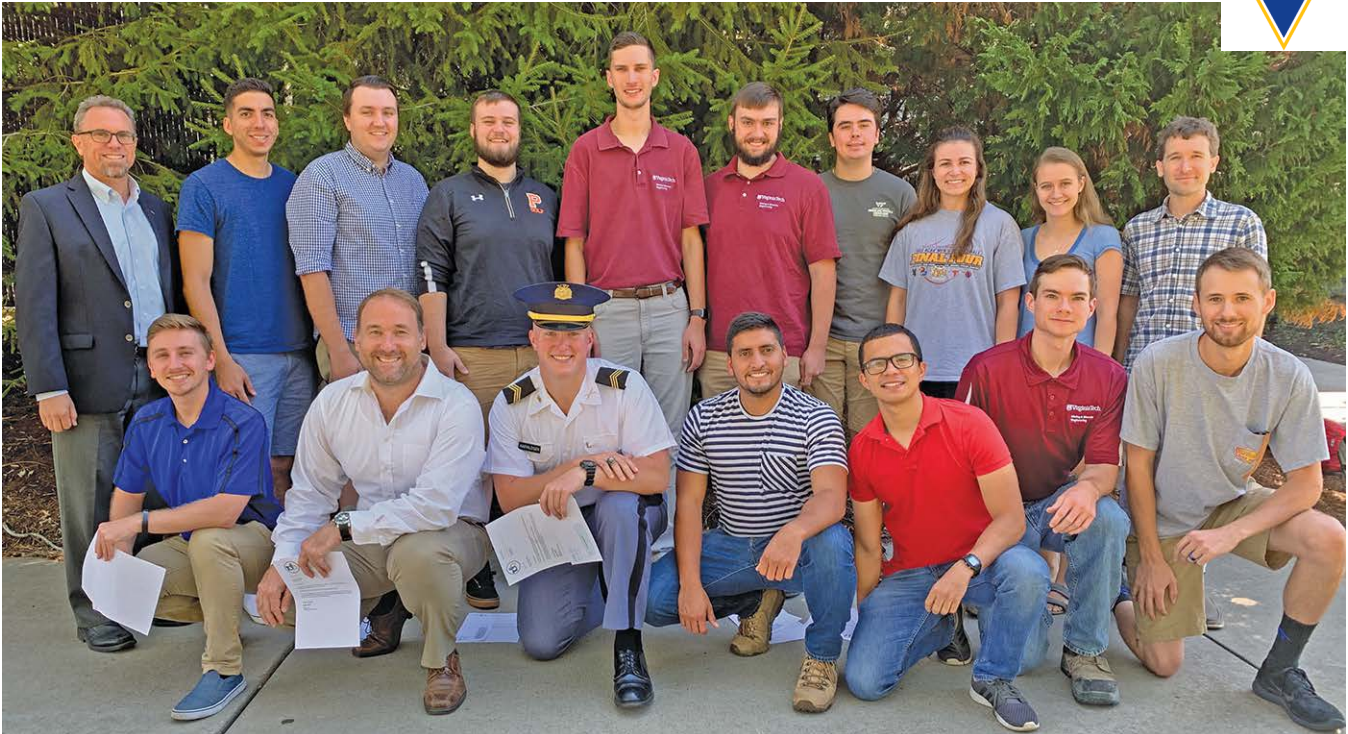


Six of the seven University of Nevada Reno students who received a WAAIME scholarship are (l-r) Norma Perez, Mary Rudolph, Jorge Valencia, Rushikesh Battulwar, Claire Roberts and Himeshkumar Ashokbhai Patel. Not pictured is Babak Azarfar.



WAAIME also gave scholarships to students at St. Francis University, Loretto, PA. From left to right they are Desmond Phillips, Gabriel Quintero, Connor Witman and Annamarie Bolt.

WAAIME scholars at Virginia Tech



Virginia Tech presented WAAIME scholarships to the following students: back row (l-r) Erik Westman (Department Head), Nestor Santa C., Austin Fox, Nick Rencher, Alex Pfreundschuh, David Kelley, Bryce McIntire, Kelly Haubold, Kelley Lazor, Chris Osterhout; front row (l-r) Avery Martin, Richard Bishop, Brandon Haraldsen, Juan Monsalve V., Manuel Barros Daza, Baxter Jones, Alex Norris. Not pictured-Chad Sechrist, Aman Soni.

Lydia Hull wins the WAAIME Founders Award

Lydia Hull was raised in a mining environment in West Virginia. Her dad, Steve Kish, retired as a foreman from Consol and received The Old Timers Award. Her husband, Larry, graduated from Virginia Tech with a mining degree and received an award from WAAIME, WV-S section, as the outstanding top student of his class. That began her involvement with WAAIME.

Working as a registered nurse, and with frequent moves, (17 at last count), limited Lydia's time to be as active as she would have liked. That changed with their move

to Peters Township, and her work with the PA-W section of WAAIME. She has worked exclusively with the scholarship committee and served as local chair and National Chair for several years.

Lydia enjoys seeing the students journey through college and then in their chosen industry occupations. It is this interaction between the WAAIME members and students that makes the WAAIME process successful and rewarding. This interaction emphasizes the important role that WAAIMes play in the success of our students. Helping these students is her passion. ❖



To ensure that you receive all WAAIME member information in a timely manner, SME needs to have your current and unique email. Please send any email or directory updates to Tanya Kriss at kriss@smenet.org.



Section News - Pinal Mountain

Pinal Mountain distributes books to students

The Pinal Mountain Section of WAAIME distributed nearly 450 copies of *Rocks and Minerals* to every 4th grade student in Globe, Miami, Superior, San Carlos and Fort Thomas, AZ, thanks to the generous support provided by Capstone Mining-Pinto Valley Operations. Capstone Mining-Pinto Valley's donation enabled the Pinal Mountain Section to purchase these small mineral encyclopedias. This provides an opportunity for the members of the Section to share their interest in and support of mining and the unique

minerals that exist in the Copper Triangle.

The Section was also able to support Kelsey Jensen, a senior majoring in geology at the University of Southern Utah. The section gave Kelsey \$1,000 to assist with her expenses in the final year of her undergraduate education. Kelsey maintains a high grade-point average and received glowing recommendations from her professors. The Pinal Mountain Section was pleased to be able to award this scholarship to such a deserving local student. ❖



Pinal Mountain areas students display the copies of *Rocks and Minerals* they received from the Pinal Mountain Section.

Midyear report

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this past summer (previous fiscal year's budget). See pictures of the event, taken by PA-West member Margaret Ann Bays, on page 10.

WAAIME donated \$500 to allow 10 students to attend the WIM, WAAIME and Women of SME breakfast at the Denver meeting last February. The Executive Committee has again approved \$500 to allow 10 students to attend this breakfast. The speakers at this breakfast are always terrific and well received by everyone.

WAAIME approved a \$1,500 grant to the Colorado Mining Association Education Foundation (CMAEF) to assist five teachers to attend the CMAEF summer program.

A request was received from the SME Young Leaders Committee (YLC) for assistance at the MineXChange 2020 SME Annual Conference & Expo. WAAIME approved a grant of \$600 for trophies for the winning students/universities in the Mine Rescue Skills competition. This competition, held by YLC, encourages students' engagement and growth and networking between team members from universities and industry leaders.

SME/WAAIME midyear meeting in Vail

Lydia Hull and I met with SME President Hugh Miller, SME President-Elect Robert Schafer, SME Past President Barbara Arnold and SME Executive Director Dave Kanagy to discuss the WAAIME Division and its future in SME. Our subjects included personnel costs, changes to the WAAIME-SME merger agreement, alignment advantages with the SMEF, involvement with the WIM/WAAIME breakfast at the Annual Conference, new international sections for WAAIME, and WAAIME's greatest needs and how SME can assist us.

Since UBS representatives were at the meeting, we met with them and approved a change in one of the funds that had been underperforming.

We also had a great deal of fun, education and great food and drinks with SME members at a ranch, Limoncello tasting and wine pairing. Thank you to all, including Nadia Miller and Pam Swendseid, for including us in these events.

Best wishes to all for the upcoming holidays.

Jean O. Davin, Esq. ❖

News and photos from Torreón



by Concepción Vazquez, President, Torreón Section

Students receiving a WAAIME scholarship from the Torreon section were:



Eduardo Carrizales, metallurgical engineer



Melissa Soto, metallurgical engineer



Jairo Sanchez, metallurgical engineer



Marlene Luna and Emmanuel Lara, metallurgical engineers



Luis Bekriss, Mariana Gomez and Javier Cepeda, mining engineers



Heriberto Vargas, mining engineer



Sergio Esquivel, metallurgical engineer

The following students received awards from the Torreon Section for excellent performance in lithium research.



Award-winning student at the Colegio Britanico High School. was Emily Renee, pictured with the ladies of the WAAIME Torreon Section.



Award-winning student at Colegio Cervantes High School was Ana Patricia Salazar standing with the ladies of the WAAIME Torreon Section.



Award-winning students at Carlos Pereira High School were Ana Barraza and Joven Marcelo Cadena with the ladies of the WAAIME Torreon Section.



Photo Album

Photos from the the Peru meeting

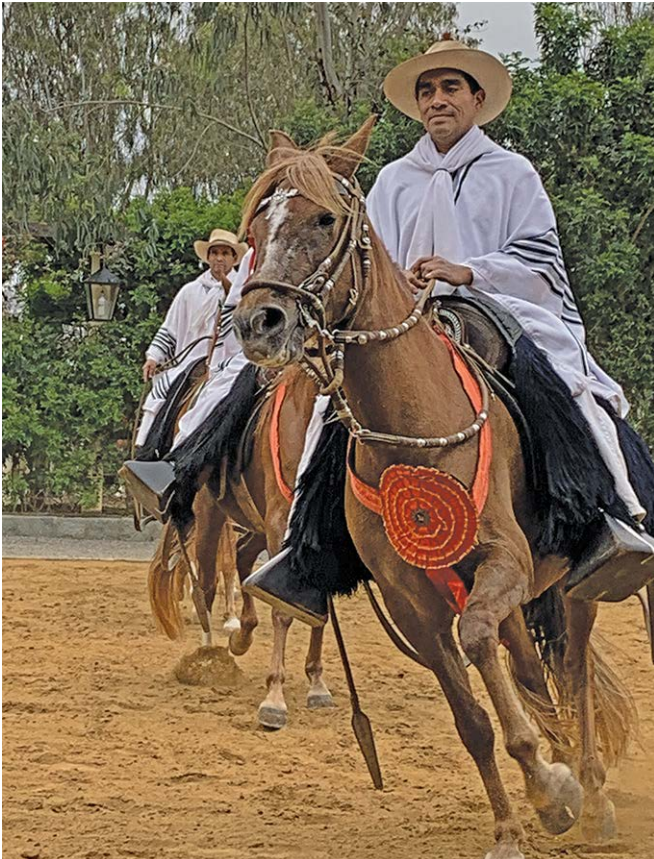


WAAIMes attended dinner and a show centering on various types of Peruvian dancing. Costumes were great.



Future WAAIME member, Kipley Hull, enjoying the sights of Cusco during her trip with WAAIME.

WAAIMes visited a horse-dancing program, similar to the Lipizzaner horses.



Peruvian lady with llamas.



Jean Davin, Katherine Pinochet, Susana Palomino, Winnell Burt, Lydia Hull and Kipley Hull in Lima, Peru.



News from Chile — La Serena and Santiago



One Saturday afternoon in August, the La Serena ladies got together with their respective husbands, who are geologists and mine engineers, to celebrate the Miner's Day at the house of one of the members. Instances like these are very beneficial, as we share and get to know the members and thus strengthen this group that has benefited so many students from universities in Northern Chile, thanks to the contribution of WAAIME. (See photos below and right.) ❖



La Serena

Santiago

Every month, members of the Santiago Section meet to share lunch at the Manquehue's Club. On October 19, they held the first meeting with the new board of directors chaired by María Isabel Saavedra. She replaced Benilda Dahmen, who had held the position for many years in an exemplary manner, leaving a tremendous mark of commitment, generosity and human warmth.

In addition, one of the members, Katherine Pinochet, shared her experiences at the Midyear meeting held in Lima in September of this year. She told about the beautiful sites she visited in Lima, Cuzco and Machu Picchu, along with the WAAIME Executive Committee, as well what she learned from the members of the Lima section. (See photos right, on page 2 and on page 8.) ❖





Photo Album

Photos from the 24th World Scout Jamboree



Jerry and Margaret Ann Bays at the Jamboree.



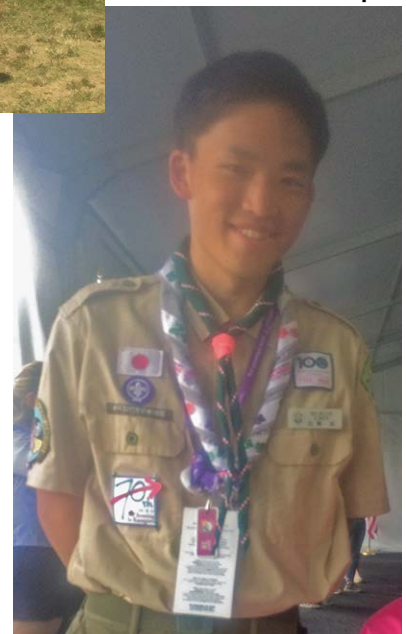
(l-r) Harry Evans, Jerry Bays and Charlie Zimmerman working at the Boy Scout Jamboree.



Two international scouts from Belgium at Dulles Airport returning home from the Jamboree spoke with Jerry Bays (c).



Scout from Japan.



Sarah Massey, teacher, stands in front of a lake built for the camp.

WAAIME donated \$10,000 to support the SME/MEC booth at the Jamboree.

IMPORTANT DUE DATES — EVERY YEAR

- Jan 15** RSVP and register for the Annual Meeting
- Apr 1** Section Officer and Member Address Updates
- Jul 1** Nominations for the WAAIME Founders Award
- Sep 1** RSVP and register for the Midyear Meeting
- Nov 1** Section Financials
- Nov 30** Nominations for the WAAIME Executive Committee

For more information about any of these items, please contact www.waaime.org or kriss@smenet.org.