Have you ever been called “bossy”, “pushy”, “aggressive”, or a “know-it-all”? When these labels are given to women, especially girls when they are growing up, it can smother their ambition to become leaders. In our society, girls are rewarded for being quiet, helpful and mild, while boys are rewarded and promoted as leaders if they are assertive, forceful and outspoken.

This was the topic of discussion at the first session of the 2014 WIM Annual Meeting. Approximately 15 participants engaged in a discussion about how they have experienced gender bias throughout their careers, specifically in the mining and minerals industry. The discussion also focused on how the outreach activities we do through WIM are critical to engaging and promoting girls as leaders. The Ban Bossy initiative website www.banbossy.com has more information and tools, including videos and helpful leadership tips for girls, parents, teachers, managers and Girl Scout troop leaders.
The Ban Bossy initiative was started by LeanIn.org, a nonprofit organization started by Facebook COO Sheryl Sandberg together with the Girl Scouts of USA. The following headlines their website:

“When a little boy asserts himself, he’s called a “leader.” Yet when a little girl does the same, she risks being branded “bossy.” Words like bossy send a message: don't raise your hand or speak up. By middle school, girls are less interested in leading than boys—a trend that continues into adulthood. Together we can encourage girls to lead.”

Because WIM members typically interact with students through educational activities that promote mining, minerals, and earth science, the tips for teachers are especially useful. The group discussed gender equity during classroom activities—do you find yourself calling on boys more often than girls? Are boys typically the ones raising their hands or calling out answers? You may notice a significant difference between elementary school classrooms and middle school or high school classes. During and after middle school, girls typically become self-conscious, and more adverse to risk. A great tip to encourage more gender equal participation is to start off a discussion with “there are no wrong answers; I just want to hear your ideas.”

Afternoon Speaker: Rosalie Chamberlain, Rosalie Chamberlain Consulting and Coaching
Topic: Four Generations in the Workplace

Do you know what Generation you are part of? In general, Americans can be grouped into four generations (with a fifth on the way…Generation Z!) A generation is defined by common experiences that greatly influence them during their formative years. For instance, Traditionalists experienced World War II and the Great Depression; Baby Boomers experienced the Kennedy Assassination and Civil Rights Movement; Gen X experienced MTV and the Challenger Explosion and Gen Y experienced September 11th and the Columbine shootings.
FROM THE PRESIDENT
Darlene Bray

As your newly elected President, I appreciate being bestowed with this honor. I look forward to the challenge ahead; just like anything else new it will take a little bit of time to get acquainted with my new role, so bear with me. One of the challenges that were discussed in the National meeting was how to get the Student Chapters more involved. Unfortunately none of the Student Chapter Reps were able to attended the national meeting due to conflicting schedules. Hopefully, next year we can plan an earlier meeting so that they can attend. Also we have the pleasure of a new chapter being formed in Texas! The President, Donna Thornton of Martin Marrietta (formerly TXI), was able to attend the National meeting. At the time of the meeting, the Texas Chapter’s National Reps had not been elected. We also have a two promising new Student Chapters: the University of Utah – whose 3 students and an advisor joined the meeting to learn more about WIM – and the South Dakota School of Mines.

I want to thank the Denver Chapter for their gracious and warm hospitality in hosting the 2014 WIM Annual Meeting. The meeting began with a topic of “Ban Bossy” … it was a great discussion on Bossy vs. Dominate, depending on which gender is voicing the command. We also heard from a speaker on the different generations and their style of communications… so true! We enjoyed a tour of the surrounding countryside visiting the challenges of the ruminates of the coalfields and sink holes that resulted from turn-of-the-century mining operations. The surface effects they cause and the intricate work that needs to be done to correct and fix sink holes was fascinating. We also visited a museum and a library seeing some of the history that occurred in the areas. Our luncheon speaker gave us the history of the re-gilding of the Denver State Capital’s dome with Colorado Gold… it gives one a different perspective on roofing cost! The last speaker gave us an insight of Fact versus Fiction of Hydraulic Fracturing. Hats off to the Denver Chapter for an awesome weekend; putting this event together is not an easy task. On behalf of WIM National, we thank you. Next year’s event will be handled by the Nevada chapter.

I want to thank Stephen Tibbals for his support as WIM National President for the last two terms and for his continuing support of the Nevada Chapter. He still holds the responsibility of National Representative for the Nevada Chapter.

Feel free to contact me at any time if you have any comments, suggestions or questions. They are always welcome!
Darlenemarie.bray@cemex.com 760-508-0201
CALIFORNIA CHAPTER REPORT  
By Betty Peters  

It is typical as the school year comes to a close, that teachers are very much in need of a lesson that will spark the student’s interests. The members of the California Chapter have met that need in many classrooms. We send a special “thank you” to our WIM Chapter Members who are giving their time, and to their companies as they support their employees as well as WIM efforts.

**WIM MEETINGS:**  
April 16 - the CEMEX River Plant hosted a meeting mainly to prepare for the annual fundraising Golf Tournament. Along with a business meeting, time was taken to identify areas of tournament responsibility which was followed by the fun of assembling gift bags for participants.

May 5 - the Annual WIM Golf Tournament was held at Spring Valley Golf Course in Victorville. We had 144 participants which is the maximum number. As a result of the fundraiser, enough money was obtained to meet the needs of future classroom activities.

**WIM TEACHING:**  
April 1 - Desirea Haggard, Patti Deer, and Julia Lakes-Martinez volunteered as judges for the 4th-12th grade at the 2014 Riverside, Inyo, Mono and San Bernardino Counties (RIMS) Science and Engineering Fair. It was at the National Orange Show Fair Grounds. Julia was in a group judging 4th-5th grade environmental/earth science and education projects. Desirea was in the judging group for high school senior and junior environmental science and geology projects. Patti was also with the environmental and earth science projects. The event started at 8 AM and it was a long day!

April 3 - CalPortland hosted a MEEC Teacher Workshop at their Mojave Cement Plant. The workshop consisted of a tour of the plant and included going to the top of the tower to have an overview of the plant and a walk through the limestone storage dome to watch the reclaimer in action.

Following the tour, the teachers were given a presentation about the history and making of cement. They were all given samples of the process materials to take back to the classroom to share with their students and they made a concrete mold. The title of the workshop is “Cement is not Concrete” so the concrete mold explained how cement goes into the making of concrete. WIM members Desirea Haggard and Julia Lakes-Martinez lead the workshop.

(cont. on page 5)
April 4 - Quail Valley Middle School in Phelan held their Annual Science, Technology, Engineering and Math program from 6 to 8 PM. The students enjoyed making silly putty, and Cyndy Mandell, Lois Papner and Darlene Bray explained what minerals are in the formula.

April 4 - Betty Peters spent the morning at Fillmore Elementary teaching Mrs. Gray’s second grade students about the value of minerals and how diluted boron and Elmer’s Glue works together to make silly putty. After each student finished their lesson they were able to dress up in a hard hat, safety glasses, vest and gloves and hear how important safety is in the mining industry. They saw overhead projection pictures of the Borax mine in the Mojave Desert and what a 240-ton truck looks like!

April 16 - Darlene Bray and Angelica Wong taught how toothpaste is made to three classes of 20 young students at George Magnet School in Adelanto. They also talked about what minerals are included in the formula. The students loved it and learned a lot about minerals, why they are important and how they are mined.

April 26 - The Desert Discovery Center located in Barstow holds an annual community event that attracts over 1,000 people of all ages. The WIM California Chapter had a booth and Julia Lakes-Martínez, Patti Deer and Deonna Robinson talked about minerals and mining as people came by and showed interest.

(cont. on page 8)
The newly-formed Texas Chapter held its first official meeting on June 13, 2014. As of the end of June, 18 people have become charter members and, with over 30 people on the mailing list, we expect the number to grow quickly. Special thanks to the WIM Education Foundation and the California Chapter for the much appreciated help getting started. With training sessions being planned from both groups, the new Chapter is off to a great start. If you have any contacts in Texas that might be interested in joining, email the group at womeninminingtx@gmail.com.

2014-2015 Officers

Donna Thornton—President

Kimberly Dennis—Vice President

Karen McDonald—Treasurer

Jill Hast—Secretary

Sharla King, Kay Derrich and Leslie Cruzan—National Reps and Alternate

Some of the attendees at the June meeting were (back l-r) Lee Cover, Kimberly Dennis, Donna Thornton, Brandon Howard. (Front l-r) Kami Kretzschmar, Barbara Eastwood, Yoli Kalkofen, Kay Derrich
This year, the Foundation was not able to achieve a quorum of Directors to have our Annual Meeting in Loveland, CO at the time of the National meeting so we met via a conference call in May. Due to everyone’s conflicting schedules, Jackie Dorr and Arloa Woolford were the only two Directors present for the National meetings and became the temporary alternate delegates for the Foundation.

Officers were elected with Arloa Woolford as President; Ebony McGee as Vice-President; Jackie Dorr as Secretary and Scotty Norman as Treasurer. Our two Representatives to the National Executive Board remain Bonnie Love and Georgene Robertson.

We approved funds to upgrade the website with some new features and discussed including a method for each Chapter and At-large members to not only download and fill in membership applications, but to allow them to use PayPal for online payments. We submitted a proposal to the National Board during the Annual Meeting, and each Chapter will determine their level of participation.

Ebony McGee has agreed to take over as our Webmaster and will be working closely with the web designer Steve Skinner during the process of site upgrades.

We finalized the Policies and Procedures (minus the Appendix pages) and they were distributed to all the Reps at the Annual Meeting for review by their Chapters. The Policies and Procedures do not require Chapter approval, only the National Executive Board’s approval.

The Education Foundation requested that we be assigned the Public Relations Chair for National as we have three members who deal often with members of the mining press who are familiar with submitting press releases in the preferred format. Our request was granted and we hope to see more timely news in many of the mining print and Internet sources.

We recently received word that we would be able to have a booth at the upcoming American Exploration and Mining (formerly Northwest Mining Association) 120th Annual Meeting, December 1-5, 2014 at John Ascuagas Nugget in Reno, NV. Many thanks to Jackie for spearheading this effort. The actual exhibit hall will open on December 3rd and close on the 5th. As soon as we receive the contract and other information we will assign booth duty schedules.

It was great to meet the new President of the almost-ratified Texas Chapter and her husband at the meeting. Donna Thornton also became a temporary alternate delegate for the At-Large reps as neither of them could attend. What a wonderful addition the Texas Chapter will be to our organization.

Many thanks to the Denver Chapter for hosting the 2014 Annual Meeting; they did a wonderful job. Nevada Chapter will be the host for next year’s meeting. Congratulations to all the new National Officers and Representatives from the various Chapters; our thanks for taking on this responsibility.
May 14 - The Annual State Scientist Day event was held at the California State Capitol. The California Chapter had a booth where hundreds of young students and adults stopped by to learn what minerals go into making toothpaste. Darlene Bray, Vicki White, Jackie Simmons and Julia Bonser represented WIM.

May 16 - The Academy of Performing Arts in Victorville held their Career Day event for fourth through sixth graders for the entire morning at Irwin School. Dinah Shumway led classes that taught the students about the value of minerals and the need for mining.

May 22 - The Topaz Preparatory Academy in Hesperia held their annual Serendipity Day event and several classes were taught by Julia Lakes-Martinez, Jamie Metvier and Alyssa Burley on how toothpaste is made and what minerals are a part of the formula. In addition, Rich Leiby (retired chemistry teacher and friend of Dinah Shumway) came and showed his collection of different rocks and minerals including rocks that fluoresced under his black light. The students enjoyed the lessons.

May 23 - Piute Middle School in Lancaster held their Career Day event and Kim Critchfield, Julia Lakes-Martinez and Deonna Robinson were able to lead 5 classes of 35 students teaching them about careers in mining and the value of making a product like silly putty which must have its minerals. They learned that mining is very important.

(cont. on page 9)
May 30 and 31 - The California Federation of Mineralogical Society Show was held at the Pomona Fairplex. WIM had a booth describing what WIM is all about as well as why minerals are important. Most people are unaware! Gena Oliver handled the booth.

June 15 - The California Chapter was approached by Leslie Edwards with the American Association of University Women located in Northern California. They were seeking a mine that could be a part of their Tech Trek Math and Science Camp held at the California State University in Fresno. They needed a Field Trip. Because of our active WIM members in Southern California, a CEMEX mine in the Fresno area was identified and will be on their calendar for that event. Thank you CEMEX.

California Chapter
2014-2015 Officers

Julia Lakes-Martinez - President
Sheri Haggard - Vice President
Kim Critchfield - Treasurer
Cyndy Mandell - Secretary
Vicki White - Second Secretary
Darlene Bray - Sr. National Representative
Gena Oliver - Jr. National Representative
Juanita Czupor - Historian
NEVADA CHAPTER REPORT
By Katie Gardner

This has been another successful quarter, with new officer elections, several bars, and various other events. The chapter held several meetings, including a conference call for the March meeting and a meeting in Battle Mountain in May. The conference call allowed the group to finalize the officer nominations for the 2014-2015 business year. The next meeting, held May 18th at the Owl Club in Battle Mountain, had a good attendance. The group focused on discussing business matters, recent and upcoming events, as well as appointing new committee chairs. There is great interest in expanding membership to Elko and recruiting new members from the eastern side of the state. Several ideas were discussed, such as having meetings with speakers or a picnic to interest new members in the organization. In addition, we would like to expand outreach to the local high schools.

We would like to congratulate Megan Tibbals on her election as President. Her goal of spreading the organization into Elko, home to both Newmont Mining and Barrick Mining, and increasing membership is just what Nevada WIM Chapter needs to continue to grow and expand. We would also like to congratulate her on her new role at Newmont as the Process Operations Superintendent at the Carlin mine. She was previously the Chief Metallurgist at Carlin and has been with Newmont for 12 years.

Fundraising, Activities and Scholarships

This quarter was busy for fundraising bars, scholarships, and other activities. During the BLM’s Lovelock Cave Days May 6-9, WIM members Karen Battiest and Stephen Tibbals acted as docents at the Marzen House Museum in Lovelock. They described the operation of an Assay Office in olden times as well as the many artifacts from western life. The Lovelock Cave Days is an event where local elementary students learn about public land management and the colorful history in their own back yard. The Lovelock Cave is an archeology site used by the Native Americans for over 4,500 years.

Recipients of the Dan Harper Memorial Scholarship, a scholarship at UNR funded by the chapter, are Kelly Elloyan, a Mining Engineering student who received $2000, and Shane Cooper, a geological engineering student who received $1000. The four high school scholarships will be determined soon.

(continues on page 11)
The National Quarterly

Nevada Report (cont. from page 10)

The group also helped with several bars in order to raise funds for scholarships for students at UNR and high school students in Nevada. The Nevada Muleys bar, held April 12th at the Winnemucca Convention Center, was a huge success. The mission of the Nevada Muleys Organization is to ensure conservation of mule deer and their habitats in Nevada. In addition, the chapter helped with a bar for Rockwell Automotive on June 18th and a bar for Hycroft Mines Fun Day on June 28th at the Highland Park in Winnemucca.

Nevada Chapter
2014-2015 Officers

President: Megan Tibbals
Vice President: Stephen Tibbals
Treasurer: Julie Pugh
Secretary: Sharon McAllister
National Representative: Stephen Tibbals
National Representative: Katie Gardner
Alternate Representative: Arloa Woolford

University of Kentucky Chapter
2014-2015 Officers

President: Lauren Shields
Vice President: Laura Steeves
Treasurer: Austin Kulengowski
Secretary: William Brice Whitworth
National Representative: Douglas Addo
Afternoon Speaker Topic: Four Generations in the Workplace (cont.)

For the first time ever, four generations are working together at the same time. This is because people are living and working longer and retiring later, and at the same time technology savvy youngsters are entering the workforce. But what does this have to do with Women in Mining? Rosalie Chamberlain, a diversity consulting expert lead the group in a fascinating exercise about debunking generational myths and stereotypes, while revealing the hidden strengths of each generation. Just like the typical workplace, there were four generations present at the workshop, including several students from the University of Utah.

Ms. Chamberlain explained that it is important to recognize the preferences and inclinations of each generation, especially when the groups need to communicate. This applies to work, or interacting on a WIM Board. Think about your audience and the generation they are from. This may help you decide if the most effective way to communicate is to write a letter, pick up the phone, send an email, or fire off a text. Just remember, generations are broad groups of people, and there are exceptions to every rule. It is important to always respect generational differences, at work, at home, and with WIM!

Evening Reception Speaker: Loretta Pineda, Director (retired) Colorado Division of Reclamation, Mining and Safety
Topic: History of the Division, and Current Activities

Ms. Pineda and her successor, Ginny Brannon, spoke about the mission of DRMS which is to protect the public, miners and the environment during current mining operations, to restore abandoned mines, and to ensure that all mined land is reclaimed to beneficial use. DRMS is responsible for mineral and energy development, policy, regulation and planning. The Division is comprised of the Office of Mined Land Reclamation and the Office of Active and Inactive Mines.

The Office of Mined Land Reclamation issues reclamation permits from either the Minerals Program or the Coal Program. Together, these two programs regulate mining and reclamation activities at coal, metal, aggregate and other minerals mines. Their primary objective is to review mining and reclamation permit applications and to inspect mining operations to make sure that reclamation plans are being followed. The Office of Active and Inactive Mines reclaims and safeguards abandoned mine sites that are dangerous and create environmental hazards. The program also provides safety training for mine operators and employees. Loretta Pineda and DRMS are long-time supporters of the WIM Denver Chapter.
WIM Annual Meeting-Day 2:  
Historical Coal Mine Tour; A Highlight of the 2014 Annual Meeting!  
By Karen Jass

This year’s annual meeting featured a tour of historic coal mine towns in the northern suburbs of Denver. Wyoming Geologist, Chris Carroll (formerly the coal geologist with the CO Geological Survey) was our guide for the day. Mr. Carroll began with a discussion in Marshall of the geologic formation of coal in what was an inland sea with receding seas and swampy areas that made conditions ideal for the formation of coal. Later, the mountain building caused the uplift of the coal seams closest to the mountains just south of what is now Boulder, and caused the tipping of the sedimentary rocks, including the coal seams, down to the east. Our tour began in the western end of the Boulder-Weld County Coal Fields, the earliest site of coal mining in Colorado's front range in the historic town of Marshall. The coal was actively mined, predominantly by underground room and pillar methods, from the mid-1800's up until the late 1970's.

The earliest outcrop coal mines produced house coal for local homes, as well as those in Denver - all powered by horse drawn carts. As the mining progressed to the northeast, the coal seams dipped to the local markets, as well as feed the coal fired steam engines that powered mining and locomotives in the mountains to the west of the coal fields. The furthest west mines, under interstate highway I-25 and the towns of Frederick, Firestone and Dacono, were about 400' below the surface.

Our second stop was on residential property just east of Marshall, where coal had been mined 10-15' below the surface and where subsidence holes (surface effects over mined out voids) could be seen behind the home and on the adjacent hill side (now designated as open space to prevent homes from being built in the affected areas).
Field Trip (cont.)

Our next stop was in Louisville, where we took a quick photo of the group in front of the miner's statue (see page 1) and spent just a few minutes with the city planner (standing, right) who showed us photographs of the town with mine works overlain. The drawings highlighted the areas in town of proven and potential damage due to the effects of subsidence on structures located over the old mines.

After lunch, we were off to the Lafayette library which has a huge tile mural of the founding family of Lafayette (Mary and Lafayette Miller) along with miners dressed from about the 1950's. The next stop was the Lafayette Miners Museum, a former coal miner's home. History of mining in the area, as well as first labor strikes in Colorado was discussed, this despite early philanthropist and local mine owner Josephine Roche being the first to raise the pay scale for local miners and push for child labor laws.

Our final stop was in Erie, and the Sky Vista apartments located about a mile south where the Columbine Mine massacre occurred in 1927. This stop featured a presentation by Ms. Jill Carlson, engineering geologist with the CGS (left), who spoke about the effects of mining and poor soils on the construction and building requirements in the area to compensate for potential effects. Ms. Carlson showed photos of the road we had just traveled leading into this apartment complex that underwent backfilling last year to counteract the effects of subsidence over the old mine works. We also looked at the effects of the clay soils - garage floors that shifted so doors wouldn't seal and sidewalks that were suspended over areas that had settled below it. Ms. Carlson also talked about the program to identify the locations of mine features that included drilling to locate voids of the old mine works and the backfilling with concrete of the voids when they were encountered. She also told a story of a Lafayette landowner who hadn't wanted the testing on his property, but last year the shaft the CGW had been trying to locate opened up on the surface nearly swallowing the landowner's car.

(cont. on page 15)
Field Trip (cont.)

All in all it was an interesting day - not a traditional mine tour - but a fascinating tour of the developing residential and commercial areas of the front range that in the last 10 years have begun to explode with development. The CGS provides information and guidance to the cities above the old coal mines, but it is up to the city to decide to heed the technical recommendations.

I've worked in coal all of my career (stated writer Karen Jass) and the historical aspect really intrigues me - so I wanted to share a pretty silent aspect of our Colorado history with WIM, and as an added bonus provide a little more understanding of what it requires to address the effects of old underground mining works.

If you'd like to know more about Colorado's subsidence program and the mapping of the coal mines on the front range, go to http://coloradogeologicalsurvey.org/geologic-hazards/subsidence-mine/maps/. For more information about work done with the abandoned mines, check out the Division of Reclamation, Mining and Safety at http://mining.state.co.us/Programs/Abandoned/Pages/impwelcomepage.aspx.

WIM Annual Meeting-Day 3: Presentations and Workshops

Luncheon Speaker: Marie Patterson, Mgr, State Government Affairs, AngloGold Ashanti

Topic: Re-gilding the Colorado State Capitol Dome

Marie Patterson gave a fantastic presentation on coordinating with the State of Colorado and AngloGold Ashanti to use Colorado gold for the restoration of the dome on the Colorado capitol building. Ms. Patterson is Manager of State Government Affairs for AngloGold Ashanti, as well as a long-time WIM member. It was fascinating to see and hear about the process of acquiring the gold, sending it to Italy to process and having it delivered back to the Capitol. Application of the gold leaf sheets on the dome began in October 2013, and the entire process should be completed this Fall. The final portion of the work - dealing with the observation deck and lower portion of the drum - will be finished in late summer.

Gold for the dome was donated by AngloGold Ashanti’s Cripple Creek & Victor Gold Mining Company in central Colorado, which mines gold from the same sources as the gold first used to gild the iconic dome at the turn of the century. A total of 75 ounces of gold was donated. Only 65 ounces were used to re-gild the dome, and the remaining 10 ounces will be held in reserve for future touch ups. CC&V has been a Sustaining Member of WIM Denver Chapter for many years.

Gov. Hickenlooper & Marie

(Cont. on page 16)
At the beginning of the National Business Meeting, President Steve Tibbals-NV presented Past President Betty Mahaffey-DN with a President’s Plaque. He thanked her for her service to WIM over the years and for her devotion to the betterment of the organization.

Speaker: Jennifer L. Miskimins, Senior Consulting Engineer, Barree and Associates
Topic: Technical Aspects of Hydraulic Fracturing: Fact versus Fiction

The WIM Annual Meeting concluded with a banquet dinner and a sensational speaker. The topic of the evening was hydraulic fracturing to recover unconventional oil and gas. This provided a fantastic learning opportunity for the participants, because although our members are familiar with mining, they may not be as familiar with other extractive industries. The setting of the meeting was perfect for this topic as well, because Loveland, CO is home to many “fracked” wells, and Colorado in general is subject to a lot of debate about this topic.

Ms. Miskimins provided an excellent description of the hydraulic fracturing (or fracking) process, its purpose, benefits, and risks. She also helped to dispel common myths about fracking which have become commonplace in the media. For example, there are videos on the internet that show people turning on their faucets and lighting the water on fire because there are volatile gases in their well water. In the media this has been attributed to fracking. However, in reality this is because the water wells have partially drained down the underground aquifers, which happen to sit below coal bed methane deposits. The methane is normally absorbed onto the coal; however, when the pressure in the aquifer reduces, it allows the methane to release from the coal. The methane then infiltrates into the aquifer, where it is subsequently pumped out by the water well. This phenomenon has nothing to do with fracking (which happens much deeper underground), and is simply caused by the location of the underground aquifer relative to a coal deposit.

It is so important to understand the similarities between mining and oil and gas, and the challenges that both industries face. As with the mining industry, education is essential to dispelling myths and sharing the importance of these natural resources in our everyday lives. For more information on fracking visit these websites: www.Energyfromshale.org; www.PowerInCooperation.com.
Denver Chapter
2014-2015 Officers

Heather Erickson - President
Brenda Steele - Vice President
Karen Jass - Treasurer & Scholarship
Resa Furey - Recording Secretary
Jackie Dorr - Corresponding Secretary & Membership & WIMEF Dir.
Amanda Adams - Newsletter & Public Relations
Sharon Kirts - Programs
Carolyn O’Dell - Historian
Betty Mahaffey, Resa Furey - National Representatives
Heather Erickson, Jackie Dorr - National Alternates

A SPECIAL THANK YOU
TO NATIONAL MEETING EVENT SPONSORS

Stan & Judy Dempsey
AngloGold Ashanti
Broken Handle Mining Corp.
Golder Associates
Hazen Research

And to everyone who donated door prizes.
Every attendee received two gifts!
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Chapter Reports are due **September 15**
Send to: [dorr@smenet.org](mailto:dorr@smenet.org)

**Lead Story Assignments:**
October Issue — California
January 2015 Issue – MS&T
April 2015 Issue—At-Large (or) Virginia Tech