WIM Annual Meeting A Huge Success!
By Meredith Scaggs

This year, the Annual National Meeting for Women in Mining was hosted by the Virginia Tech Student Chapter in Roanoke, Virginia from April 25th to 27th. There were 42 attendees in all, including 19 student representatives from Virginia Tech, three student representatives from MS&T, and 20 other national representatives and attendees from around the country. The goal of this meeting was to share updates from all the Chapters and attend to National business.

On the first day of the meeting, registration of the WIM attendees was followed by an Education Foundation and Website business meeting, and then an icebreaker and education workshop led by the Virginia Tech Student Chapter officers. The main goal of the workshop was to share new teaching activities aimed at an older age group. In the past, the Virginia Tech Chapter of WIM has mainly targeted local elementary schools for their GEM outreach, and this year has been trying to expand to a bigger audience. These activities included mineral identification, a flotation simulation, and “name the minerals used to build a car.”

The icebreaker activity was a truck and shovel operation with blindfolds. There was an “operator” for the shovel played by a person who was not blindfolded and a “truck” played by the blindfolded person. The object of the exercise was for the operator to “load” the truck up and guide the truck across the room to a dump site.
National Meeting Review (cont. from page 1)

In addition to the truck and shovel icebreaker, there was a guessing game using different mining equipment images on cards that were affixed to players’ foreheads so they couldn’t see what piece of equipment they represented, but everyone else could. The object of the game was to figure out what image was on their card by asking yes or no questions to the other players in the game.

For the “name the minerals used to build a car” activity, a poster of the car is provided along with an assortment of pictures of minerals and the minerals’ names. The goal of the activity is to have the students recognize the importance of mining and what it impacts in everyday lives. The other two activities included a flotation demonstration using a Brita filter, and mineral identification. Following the Education Workshop, a Welcoming Reception was held at a nearby restaurant where the attendees could socialize and meet the Virginia Tech WIM Chapter.
The National Meeting for Women In Mining was held this year in Roanoke, Virginia. The Virginia Tech Chapter (VT) was kind enough to host the annual meeting and did a great job. The Cover Story is a recap of the meeting so I won’t add to it, but I wanted to give you my impressions. First of all the meeting was well attended and the attendees were very enthusiastic. We had a great training session, put on by the VT Chapter, on different educational activities that we could all do in our outreach programs. The business meetings were very cordial and we were able to complete all the business of the organization that needed to be taken care of. VT had a great field trip to an underground limestone mine; something everyone should experience at least once. Getting off a yellow school bus over 1000’ below the surface of the ground and looking up at the back (the “ceiling” in an underground mine is called a “back”) over 100’ feet above you is quite an experience. Thanks for everyone at VT who worked on this great event!

One of the major initiatives that our organization decided on during the meeting was the revamping of our Political Action Committee. There has always been a thread of controversy on what the committee should be doing and the direction it should take. We are a very diverse organization and one size does not fit all. I am a perfect example of that in more ways than one.

The first thing we did was change the name of the committee. This may seem like a simple thing and not very important, but in fact it was not simple and was very important. The name of the committee really sets the tone on how people perceive its function. In this case it was felt that the word “Action” totally misrepresented what the members wanted the committee to accomplish. The consensus was that we were trying to educate our members on what was happening in the political world around us that effects us both as an industry and personally. Not to try to influence each other, but to educate each other. Not to influence other people or groups, but to give us the facts we need to make a difference. For this reason the chapter representatives at the national meeting voted to change the committee name to the “Political Education Committee”.

This seems like a simple thing but we all hope that it will make a profound difference in how the committee functions and provides information. The next thing we addressed was how the committee would communicate with each other and how information could be disseminated to the organization as a whole. We all felt that any information sent out to our chapters and members should be properly vetted to make sure that it was something we felt was worthy of our consideration and reflected the membership as a whole. The range of tools that are available on the Internet is truly mind boggling. The suggestion was that we use the website LinkedIn to allow the committee members to communicate with each other and to disseminate information. As with any other web tool, the learning curve has been steep for a lot of us, me included. I already had an account on LinkedIn and, as with most of the social media web sites I belong to, I have struggled with how to use it effectively, how to make time for it and how the heck does it work? I set up a working group and invited the people who had volunteered to be the test group to join. Some had LinkedIn accounts and some didn’t, so the first step was to get everyone on and then connected to the “group”. This has been an uphill battle that I am determined to win. The other problem is the completely new language that I am faced with. None of the terms used in the program seem to relate to the normal definitions. Jackie Dorr was the first brave soul to place an article on the website and we are in the process of discussing it right now. I will keep everyone informed of the progress we make and you should all see the results of the collaboration soon (soon is a relative term and I refuse to be pinned down on what it means).

You elect members from your chapter to represent you. I hope you all take the time in your chapter meetings to discuss with your representatives what happened at the meeting and how it effects your chapter and you as a member, and ask questions. I hope you all have a great summer!
Spring is always a busy time for the California Chapter of WOMEN IN MINING. Teachers are starting to wrap up the school year and the decline of attention from students is prompting efforts to seek educational programs that will pique their interest. This results in many requests for WIM to bring in a fun, interesting and educational lesson about mining, minerals and their value.

Fortunately members have been able to meet these requests and we are grateful for their dedication to WIM’s goals and objectives. We are also grateful for the companies that continue to support our efforts.

**WIM MEETINGS**
Our Annual Meeting was held on March 21st at the Victor Valley Museum. After a tour of the museum, a meeting was held where we elected officers for the new WIM Calendar Year. We are so grateful for those who served the two previous years and we want to especially acknowledge our past President Darlene Bray, and our past Treasurer Jackelin Simmons, for their dedicated efforts toward keeping our chapter successful in every way.

In addition to a meeting on April 10th to prepare for our Annual Golf Tournament, we had the pleasure of touring the RioTinto Minerals borate mine on May 22nd. We had the experience of actually seeing a “blast” and to learn what safety factors are in place prior to each “blast.” After the tour we held our meeting at their very interesting Visitor Center.
WIM EVENTS & INVOLVEMENTS

Our Annual Golf Tournament was held on April 22nd at the Spring Valley Lake Golf Course and led by our President, Darlene Bray. We were “sold out” with 145 participants and were able to raise enough money to continue the various programs that are needed. WIM members did everything necessary to make this a tremendous success and we thank each one for giving a full day of exceptional work which resulted in an event talked about by participants for many months that followed.

Five $1,500 College Scholarships were awarded to students who are planning to move forward with a career involved in the mining industry. The winners were from Fair Oaks, San Diego, Elk Grove, Palmdale, and Upland with majors in Geology, Engineering, Environmental Management, Wildlife, and Mechanical Engineering.

WIM TEACHING

On March 13th WIM members taught a teacher workshop at the Mojave Environmental Education Consortium (MEEC). The workshop was called “Toothpaste with a Twist.” WIM participants were Julia Bonser, Darlene Bray, Kim Critchfield, Christine Granquist, Rhonda Wright and a few others. Approximately 25 teachers, ranging from elementary through high school, participated in this special two-hour workshop. Teachers were taught Chocolate Chip Cookie Mining, and WIM members spent time answering their many questions. Teachers were given rock kits and a tub with supplies, as well as a small Target gift card to get replacement supplies. This class provided teachers with all the tools necessary to educate students about products that use natural minerals directly or products that are made from minerals, such as toothpaste.

On March 26th WIM member Christine Granquist participated in the Women’s History Month Celebration Conference held at Victor Valley College. The Conference featured careers in Science, Technology, Engineering and Mathematics (STEM) and Christine was one of the participants on the Speaker Panel. There were approximately 100 students and staff in attendance.

On March 28th Jennifer Evans, Desirea Haggard and Julia Lakes participated in a STEM Fair at Barstow High School. There were close to 1,000 fifth and sixth grade students in attendance from the local elementary schools. Every student that stopped at the WIM booth was shown how to make silly putty. They also watched a demonstration using Total Cereal which confirmed with them that minerals are used in everything.

(cont. on page 18)
Another successful Annual Meeting was held in Roanoke, VA with the students and advisors of the Virginia Tech Chapter as our hosts. I will not go into all the details as those are covered in the lead article of this issue.

The Website Committee met before our regular annual meeting resulting in several assignments:
- Bonnie Love will work on a format for the History Page for each Chapter.
- Jackie will review all the “Other Resources” links.
- Arloa will start drafting an Introduction to the Education Page.

With the National Science Education Standards being changed, all our activities will have to be re-correlated to match the new guidelines. This will entail funds to cover both the cost of the person assigning the new Standards to our activities, as well as the web designer posting them on the Website, so grants for funding are being researched. The web designer will also be working to determine the best way to add all the Career Pictures to the site.

During the EF business meeting, discussion was held on securing workshops in both Idaho and Florida and WIM members are working on those. We had hoped to be able to secure booths at two upcoming conferences, The Bluefield Coal Show and Northwest Mining Association Annual Meeting, but unfortunately they are sold out with long waiting lists. However, we will be at the Silver Summit in October in Spokane, WA.

We are in the final stages of sending to all National representatives the revisions to the National WIM Policy and Procedures Manual. This has been an extensive and long process and we believe that the updated document will better clarify duties, policies and procedures that supplement the National Bylaws (which were revised at the 2012 annual meeting).

Election of EF Directors was held with Georgene Robertson and Ebony McGee both being re-elected to serve another three-year term. Election of Officers was held with Bonnie Love being elected as Vice-President. (Outgoing VP Ebony McGee will now have some extra time to adjust to being a working mother.) President Arloa Woolford, Treasurer Scotty Norman, and Secretary Jackie Dorr were re-elected to their respective positions.
At the end of the Annual Meeting, I flew to Charleston, WV then went on to Gilbert, WV to participate in the Southern West Virginia Coal Fair hosted by CEDAR. I was a judge for the Science category and it was an awesome experience. Over 200 students from five West Virginia counties prepared presentations using any of 7 categories: Science, Math, Social Studies, Music, Art, English/Literature and Technology/Media. Naturally, each project has to relate to coal. Students are divided into three grade levels: K-4, 5-8 and high school with three winners in each category and for each grade level. These winners go on to compete for overall winner in each category and grade level with cash prizes awarded to the champions. Each school has a teacher coordinator who works with the students and guides them through all the instructions for their project. Many of the students came in person to explain their project and why they had chosen it, how it increased their knowledge of coal, and to explain their work. From the youngest to the high school student, they were amazing and most of them put in quite a long time investigating, talking to experts and then preparing their actual project. The day following the judging, the local citizens are invited to attend and view all the projects. Most of the students attended and it was interesting to see how proud they were of their project. This was an experience I will never forget and my hat’s off to the CEDAR of Southern West Virginia, especially our Director Georgene Robertson who heads the group and one of our new WIM At-Large members Debbie Mudd, who do most of the coordinating to put this event on each year.

Before leaving West Virginia, Georgene arranged for myself and another judge to visit the mine she works at and take a tour. Our tour guides were excellent and I learned a lot more about mountain-top mining and understand why it is being done now. After the tour, Roger Runyon, Coal-Mac’s Safety Manager and our tour guide, drove me to Charleston airport to catch a flight to Charlotte and start the long process of getting back to Nevada.
The past quarter for the Women in Mining Chapter at the University of Kentucky was rather inactive due to final examinations, but contained a few different activities. Final examination scheduling also conflicted with the National Women in Mining Conference last April, thus we were unable to send members to the meeting. If scheduling permits, one of our goals for next year will be to send members to the National Meeting.

One of the major events this quarter was the election of new officers. Almost all of the officers are newly elected and holding office for the first time. The current group of officers is developing ideas about different ways we can give back to the mining community in the State of Kentucky. In particular, we would like to give back to the children in the area. Some ideas that have been mentioned include a book drive for elementary kids, and obtaining rock samples for teachers to use in their geology or science classes. These events will take place in both the fall and spring, with one large event per semester. We are also planning to pair with the “Friends of Coal” organization as well as the Norwood Chapter of SME to volunteer at various tailgating events for University of Kentucky football games. This pairing will give our organization the opportunity to connect with more people in our community.

One event that occurred this semester was when students from both the SME chapter and the WIM chapter visited a local Fayette County elementary school to explain mining to kindergarten students. During the presentation UK students were dressed in their mining clothes and PPE. This event gave younger students the opportunity to learn about coal and have a hands-on experience to learn about what mining engineers do. Events similar to this are what we want to expand on in the future.

UNIVERSITY OF KENTUCKY

2013-2014 Officers

President - Kristin Floyd
Vice President - Audrey Byers
Treasurer - Courtney Asher
Secretary - Rachael Cash
Nat'l Representative - Austin Kulengowski
Nat'l Representative - Melyssa McFarland
Published on April 28, 2013 on YouTube, the narrative reads:

“This video won first place in the technology/multimedia category at the 2013 CEDAR coal fair in southern West Virginia, and it also won first place overall in its division! It took more than 5000 still images to create. Our concentration was on aspects of coal mining, such as safety concerns, general mining procedures, reclamation, and economical aspects of both surface and underground mining.”

http://www.youtube.com/watch?v=eJwhwXfbNHY
On Friday morning, the attendees of the conference had the option to visit and tour the Lhoist Kimballton underground limestone mine. This is the same mine that most Virginia Tech sophomore mining engineers visit for their first underground mine. After having hazard training and donning all required PPE, the attendees were able to ride down into the mine in a retired school bus. As seen in the picture below, the mine’s high ceilings and spacious rooms are a sight to behold.
After touring Kimballton, a short tour the Virginia Tech campus was given. The Virginia Tech WIM Chapter is very proud of their school and was happy to teach everyone just what a Hokie really is. Some of the landmarks of the Virginia Tech campus can be seen below. Later that evening, all attendees were invited to watch “The Marvelous Wonderettes” at the newly-renovated Mill Mountain Theatre.
DENVER CHAPTER REPORT

Boy Scout Day at Dinosaur Ridge a Success!

On May 11, 2013, WIM members spent the day with the Boy Scouts at Dinosaur Ridge, helping them learn about the use of minerals in everyday life. Brenda Steele and Jennifer McCarter staffed the WIM booth, and attendance by scouts was very good. The Colorado Mining Association loaned us two rock product cases showing the use of minerals in commonly-used products such as baking soda, cell phones, WD-40, potting soil and toothpaste. The second case showed the uses of minerals in hybrid cars and renewable energy such as wind and solar generation. Many of the scouts were working on their minerals/geology merit badges and they loved our booth because they could find answers to many of the questions on their checklists, and they learned a lot in the process! It was encouraging that many of the scouts already had a fairly high minerals ‘IQ’. It was also a good opportunity to educate parents of the scouts. The weather was cool but lovely, and even after an early afternoon rain shower we continued to have a steady stream of visitors. This was a really fun event!

2013 Scholarship Kickoff

On April 17, just prior to our monthly dinner meeting, President Amanda Adams, Jennifer McCarter and Karen Jass braved a fierce blizzard to make a presentation at the CSM student chapter of SME about our WIM organization and the scholarship we were offering for the fall. To compliment their pizza dinner, WIM brought a cake advertising our search for applicants. It worked! We had five Mines students apply, along with two from CU-Boulder. The winning applicant must be enrolled in a minerals-related curriculum.

And the 2013 Scholarship Winner Is:

Ms. Paige Pruisner, an environmental engineering student at the University of Colorado at Boulder was selected to receive this year’s scholarship. Ms. Pruisner submitted an excellent application highlighting her interest in educating others about the mining industry and exposing youths, particularly girls, to “how math and science are used daily in exciting applications.” Ms. Pruisner has a specific interest in contributing solutions and options to mineral recovery and environmental sustainability, with emphasis on biological remediation. Ms. Pruisner is the first recipient of the WIM scholarship to attend the University of Colorado Boulder.
From the Denver Chapter President

In the May issue of our Newsletter, our President, Amanda Adams, wrote to our members:

“Hello WIM! Did you know that there are international chapters of Women in Mining? That’s right, there are women involved in Canada, the UK, Australia, Argentina, Brazil, Chile, Peru, South Africa, Sweden, Tanzania and Zambia! For more information on these groups, you can go to the Women in Mining International Portal: http://www.womeninmining.net/who-groups.asp.

“I had the privilege to meet a member of the London Women in Mining group recently, and it was very interesting to learn about the different types of activities that they are involved with! For example, they hosted a “Speed Mentoring” event, a “Dress for Success” event and a “Sense and Sustainability” panel. The London Chapter is very involved with the financial, legal and consulting aspects of mining taking place internationally (which makes sense—there is not much actual mining going on in the UK). This makes understanding the business side of mining very important to them, and they do a great job of educating their members about it!

“Mining is such an international industry, and it is important for women to get involved no matter where they are located. I have had the privilege to work on several mining projects in South America, and I have worked with really talented women in Peru and Chile. Take the opportunity to find out more about mining, and women involved in mining, in Colorado, in the U.S. and around the world! There is a lot that we can learn from each other!”

Dinner Meeting Speakers

Our April speaker was Maureen Upton, WIM member and founder of Resource Initiatives, a consulting firm helping the world’s leading mining companies and industry organizations measure and communicate their contributions to sustainable development around the world. Her presentation was entitled “Using Social Media in the Mining Sustainability Dialogue.”

Our May speaker was Dr. Matthew Young, Senior Lecturer, Department of Physics, Colorado School of Mines. Dr. Young’s topic was “Intelligent Design and other forms of Creationism.” His talk explored the differences between the many theories and how each addresses the teaching of the geosciences. It was quite thought provoking.

We don’t hold dinner meetings during the summer months, but use that time for field trips to mining-related operations and other fun social events. Dinner meetings resume in September.

Denver Chapter

2013-2014 Officers

Amanda Adams - President
Betty Mahaffey - Vice President
Christine Johnston - Treasurer
Jennifer McCarter - Recording Secretary
Jackie Dorr - Corresponding Secretary
Resa Fury and Betty Mahaffey - National Representatives
The Nevada Chapter of Women In Mining hosted one chapter meeting in early June in Elko, NV. As always because of the geographical constraints many of our members face, we struggled to get many of them to attend but all in all we had a good turnout...partially because it was held the same weekend as the Elko Mine Expo, a large local mining industry trade show, so many people were already in the area. No significant action came from the meeting but it was great for everyone to be able to get together and enjoy the unseasonably hot weather we were having (that weekend it averaged around 100 °F!).

In addition, Nevada Chapter members Karen Battiest, Steve Tibbals and Arloa Woolford took part in the annual Lovelock Cave Days. For those of you not familiar with the Lovelock Cave (formerly known as Horseshoe Cave), it is a small horseshoe shaped cave that was formed by the erosion of currents and wave action from the ancient Lake Lahontan that once covered most of western Nevada. The cave is located approximately 22 miles south of Lovelock, NV. It was first excavated in the early 1900’s for bat guano (used in commercial fertilizer production at the time) but during that excavation Native American artifacts dating back to 2000 B.C. were discovered. While many artifacts were destroyed during the initial excavation, some of the remaining relics included skeletal remains, duck calls, fishing materials, woven baskets and shells. The most significant finding was a cache of duck decoys, now known to be the oldest in the world, that were crafted from tule (a marsh grass), many with feathers still attached. Replicas can be viewed at many of the local museums but the originals are now on display at the Smithsonian Institute in Washington, D.C. This cave is touted by many as one of the most significant findings in Great Basin archeology. In addition, it has been theorized that the cave contained the remnants of the Red-Haired Giants. Paiute legends told early white settlers of their ancestors’ battles with a race of white, red-haired giants, some standing up to 12 feet tall. While the existence of these red-haired giants is a controversial topic, it none the less adds to the intrigue of the Lovelock Cave.

Now, how does Women in Mining come into play...? What happens when you combine archeology, culture, history, mining and a lot of volunteers? Lovelock Cave Days, of course! Lovelock Cave Days is an annual four-day event held every May. The event is designed for 4th graders from Humboldt and Pershing Counties to get out and explore our local archeology, history and culture. This year the event was held from May 7th through 10th and gave students and volunteers the opportunity to tour the Lovelock Cave with Bureau of Land Management Archeologist Peggy McGuckian and explore the Marzen House Museum in Lovelock, NV.

(Lovelock Cave (photo courtesy of Nevada Scenic Byways)
While the tour of the Lovelock Caves gives students an opportunity to learn about Native American culture and archeology, the Marzen House Museum tour offers students the opportunity to learn about the mining industry. As a few examples, the museum contains the Rochester Exhibit, which offers displays and artifacts relating to the Coeur Rochester Mine located in Pershing County, and a tour of the original Assay Office for Pershing County.

WIM Volunteers Karen Battiest, Steve Tibbals and Arloa Woolford worked at the Assay Office where they gave tours to students and explained what an assayer does and how they lived. This event always provides a great opportunity for WIM members to engage with students about the history of mining, offer examples of how the “old time” miners lived and worked and discuss the modern day mining industry.
Fundraising Activities

Throughout the year the Nevada Chapter provides bartending services at local events, such as weddings, company parties and community events. All of the tips and a portion of the proceeds from these activities benefit our scholarship fund. This quarter we had one of our busiest events of the year, providing bartending services to the annual Nevada Muleys dinner and auction event in Winnemucca. Nevada Muleys is an organization that focuses on the conservation of mule deer and their habitats in Nevada. Every year they host dinner and auction events throughout the state to raise money for the organization and one of these events is held in Winnemucca. With the help of a lot of volunteers (members and non-members!) we were able to host a successful event and raise some additional money for our scholarship fund.

Scholarships

Every year we grant a variety of scholarships to students currently enrolled in, or enrolled to begin, secondary education at a university, community college or trade school in a mining-related degree or training program. This year the scholarship committee approved the following scholarships:

Dan Harper Memorial Scholarship
$2,000 to Lesly R. Betancourt (studying Mining Engineering at the University of Nevada, Reno, Mackay School of Mines)  
$1,000 to Zachary Immonen (studying Mining Engineering at the University of Nevada, Reno, Mackay School of Mines)

Cash Scholarships ($750 to each recipient)
Justina Chavez (studying Welding Technology, from Battle Mountain, NV)  
Michael Williams (studying Diesel Technology, from Battle Mountain, NV)  
Edgar Cereceres (studying Diesel Technology, from Mc Dermitt, NV)  
Gary Alexander (studying Metallurgical Engineering, from Elko, NV)
VIRGINIA TECH CHAPTER
2013-2014 Officers

Meredith Scaggs - President
Casey Brown - Vice President
Amber Shaffer - Treasurer
Victoria Johann - Secretary
Brittany Conley - Secretary Rep
Dilly Hughes - GEM
Jason Hilsen - Nat'l Representative
Chelsea Cady - Nat'l Representative

More Photos from the Annual Meeting
On **April 12**th Gena Oliver, Juanita Czupor, Cyndy Mandell and Lois Papner were at Vanguard Preparatory School in Apple Valley teaching 120 young students about how toothpaste is made and what minerals are a vital part of its composition.

On **May 10**th a Science Technology Engineering Mathematics (STEM) event was attended by Cyndy Mandell, Lois Papner and Darlene Bray. It was held at the Quail Valley Middle School in Phelan and they taught the “Rising Star Miners” how to make silly putty.

On **May 13**th WIM members taught young students how to make Toothpaste at Sixth Street Preparatory School in Victorville. WIM participants were Jackie Simmons, Darlene Bray, and Angelica Wong.

On **May 15**th the Annual State Scientist Day event was held on the West Steps of the California State Capitol in Sacramento. Darlene Bray, Vicki White, Jackie Simmons and Julia Bonser had a WIM booth. They connected with about 500 students in 5th and 6th grades, and taught them what minerals are included in toothpaste.

On **May 24**th WIM members taught a class at “Serendipity Day” at Topaz Preparatory Academy in Hesperia. Dinah Shumway, Julia Lakes, Doug Shumway and Rich Lieby (a Geologist and Chemist) also helped. “We hope WIM can join us for the event as you are the favorite of favorites!” This was one of the encouraging comments from the school secretary when asking for WIM’s participation.

On **May 31**st WIM had a booth at the California Federation of Mineralogical Societies (CFMS) Conference and taught young students how to turn a rock into a pet – making a “Pet Rock.” Gena Oliver, Juanita Czupor and Patti Deer attended this three-day event held at the Ventura Fair Grounds. The event had 250 young students and each had the fun of creating their own Pet Rock. They loved it. Adjacent to the WIM Booth was the booth for the California Oil Museum. Bonnie Walters was at that booth and she is one of our newest WIM members.
National 2013 Annual Meeting Review (cont. from page 11)

On Saturday morning, Part I of the WIM Business Meeting commenced at Hotel Roanoke and continued throughout the day. Some of the items discussed were possibly adding new student chapters, ways to increase communication in the At-Large WIM Chapter, increasing the retention rate of graduating members of the student chapters, and potentially looking into lobbying in the future. In addition to these points of discussion, it was decided that starting with the 2013-2014 year, the scrapbook will be created digitally and shared with all the chapters for easier access. Part I ended with the election of officers for the 2013-2014 fiscal year. Following a break for lunch, Part II of the Business Meeting began with “handing over the gavel” to the new officers. This was followed by assigning chapters to the standing committees for the year and reviewing officer positions.

For the final event of the conference, a banquet was held at Hotel Roanoke. The keynote speaker was Dr. John Craynon, Project Director for the Appalachian Research Initiative for Environmental Science (ARIES). His presentation highlighted the importance of science-driven policy and increasing communication between scientists and policy makers. He also commented on the importance of selecting the research projects based on a scientific approach, not industry mandated, in order to preserve the integrity of the results.

On behalf of the Virginia Tech Student Chapter of WIM, we were greatly honored to host this year’s WIM National Conference with many thanks to our total of eighteen sponsors, including Lhoist, Newmont, Alpha Natural Resources, Eriez, and many more for their generous support. It would not have been possible without them! We are looking forward to including more pictures from the conference while creating this year’s first WIM digital scrapbook!
Photos from the Mine Tour

Compliments of World Wide Drilling Resource®
Photos from the Annual Meeting Banquet

Our VT hosts with keynote guest speaker Dr. John Craynon

Hotel Roanoke

Sheree and Stephen Tibbals

Outgoing Nat’l Secretary Hannah McNalley

VT students and conference attendees
# CALIFORNIA ITEMS FOR SALE

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**LONG SLEEVE DENIM $15**
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- RED-LARGE, XL, XXL
- BLACK- MEDIUM, LARGE
- NAVY-MEDIUM
- TAN- MEDIUM, LARGE

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## BOOKS FOR SALE

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<td>1976</td>
<td>M. Evans</td>
<td>$20.00</td>
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<td>Del Marr</td>
<td>History of Precious Metals Reprint of 1902</td>
<td>1968</td>
<td>Burt Franklin</td>
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<td>De Quille, D</td>
<td>Big Bonanza – Reprint of 1876</td>
<td>1967</td>
<td>Knopf</td>
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<td>Egenhoff, E.</td>
<td>The Elephant as they saw it</td>
<td>1949</td>
<td>CA Div of Mines Reprint</td>
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<td>Parker, W.</td>
<td>Gold in the Black Hills</td>
<td>1966</td>
<td>Univ of Oklahoma Press</td>
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<td>Parker, W.</td>
<td>Deadwood, the Golden Years</td>
<td>1981</td>
<td>Univ of Nebraska Press</td>
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<td>Pittman, C.</td>
<td>Death of a Gold Mine</td>
<td>1972</td>
<td>Private Printing</td>
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<td>Rickard, T.A.</td>
<td>California Mines and Minerals</td>
<td>1899</td>
<td>California Miners Association</td>
<td>$25.00</td>
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WIM is an organization for persons interested in or associated with the mineral resources and mining industry. WIM’s purpose is to educate members concerning all aspects of the industry and to promote public awareness of the importance of minerals in our everyday lives.

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