The University of Kentucky Women in Mining Student Chapter had an eventful fall semester, in conjunction with many of the activities held by UK SME Student Chapter. Several of the more notable events included monthly meetings and fundraising events.

The main event the group participated in this semester was a bowl-a-thon fundraising for cancer research. This event, the Annual Cosmic Bowl-a-Thon hosted by several social Greek organizations, was extremely successful. The Chapter had two teams playing, and all enjoyed the event as it was a welcome break from school.

The group met several times throughout the semester, often after the SME meetings, in order to catch up on news and events that the group wanted to plan. Though the fall semester is always busy, the group has begun to developed plans for the spring semester. These plans include holding a field trip for members to either a coal or a zinc mine in the region, depending on the tour availability. In addition, the group, along with the UKSME GEM committee, has planned several events to go talk to schools around the region, starting with Rockcastle County High School in early January. The last main event planned is for the Chapter to participate in DanceBlue, a University of Kentucky event which raises money for pediatric cancer research. This involves fundraising for a team, and participating in a 24 hour dance-a-thon.

The chapter has many plans for next semester, as well as helping many of the new female students adjust into the mining department and profession. Early next semester, we hope to have a “bonding” event. Though this semester was busy as most are very involved with classes and local SME events, our WIM Chapter has great plans for starting off the new year.
FROM THE PRESIDENT
Betty Mahaffey

I hope that all of you had a **HAPPY HOLIDAY SEASON** and that all of you will have a **HAPPY AND PROSPEROUS NEW YEAR!!!**

WIM National Organization has an exciting year ahead and I am looking forward to seeing all of you in San Diego on May 17-19. The California Chapter has made arrangements for us to meet at the Bahia Resort Hotel and from what I see on its website, it looks like a FABULOUS place to meet–thank you California for hosting the meeting.

The support that our organization gives to the mining industry is more important than ever. The education that we provide to the public about our industry is vital to the national interests and I am so proud of our organization and the work that all of the individual members do to promote the welfare of our nation (and the world).

I am looking forward to meeting with your representatives on the January 21 conference call.

Again–**HAPPY NEW YEAR**–and keep up the good work!!
ATTN ALL WIMers: SAVE THESE DATES!
May 17-19, 2012

The 2012 WOMEN IN MINING NATIONAL meeting will be held May 17th through the 19th in Mission Bay, San Diego, hosted by the California Chapter. Soon Members will be provided with complete information on how to register and make their reservations. While each Chapter’s National Representatives are expected to attend, every WIM Member is invited. Networking with other individuals in the mining industry benefits you and the company you represent. We hope to see you there.

WIM AND GEM & MINERAL CLUBS
The Value of Being Connected!

For the past four years the WIM California Chapter has been invited to participate in the Oxnard Gem and Mineral Society’s (OGMS) annual mineral show held in Oxnard, California. A WIM booth is set up showing various educational material, mineral samples and displays that show WIM in the classroom.

In addition, this year Betty Peters had the fun of having young children put on mining hats, vests and glasses. During the process she explained why a miner wears the protective gear and how it keeps a miner safe.

(cont. on page 4)
In addition to introducing young children to the mining industry, many teachers attend gem and mineral shows to obtain information that they can take back to their classroom. This provides an opportunity to introduce them to WIM and the programs they offer. It’s a great way to network and reach many educators and the general public about the mining industry.

The following was posted on OGMS’s Web Site:

“Women in Mining - meet successful women miners! Mining has been modernized and it is still an important industry. There are many career opportunities in mining today.

The reality is - If it can’t be grown, it has to be mined!”

ROCKS ARE FUN!

Learning about rocks at our September Meeting at CEMEX - Victorville

At this WIM meeting, Joyce Fitzgerald taught members how to identify various rocks and minerals. Then we had the fun of turning them into their own personalities!
The Nevada chapter of Women in Mining has not met recently, but we have had some successful fundraising efforts. The holidays are traditionally a busy time for us because our bar fundraising activities are highly sought after by local mining companies for their Christmas parties. All tips that are collected go directly into the scholarship fund, and sometimes the tips are very generous. In September we had two bars back to back with a Newmont Service Awards Dinner and a going away party for a mine manager. These were followed in November with the Jipangu Anniversary Dinner. Then the holiday parties started!

On December 1st and 3rd, Turquoise Ridge—Barrick Gold had their two parties, so all shift workers had a chance to attend. With 250 at one and 300 at the other, it was non-stop bartending with some outside friends brought in due to NWMA conference going on in Reno, NV at the same time. Luckily, both of these ended about 10 p.m., so we were able to pack up and put all the supplies in a storage room at the Convention Center and still get home by 10:30 p.m. On December 9th, we had two parties; Great Basin Gold with about 300 attending and CarWil (a local company that supplies material handling systems to mines) with about 100. Our members came out and brought spouses, boyfriends or friends to help staff both bars. Both of these bars went until almost midnight, then the supplies were again put into storage rooms. The next morning Steve and Arloa went back down, inventoried, condensed and got it all back into our storage shed in preparation for the next bar in early February.

Our President Eve Marie Hirt had undergone right elbow tendon surgery on the 29th of November but gamely came out to all the bars to help as much as she could. The surgery went well and she is recovering swiftly.

A few of our members attended NWMA in Sparks, NV and were able to visit with WIM members from other areas who also attended. It is always nice to visit this conference and renew friendships.

The Nevada Chapter wishes everyone a Merry Christmas and a Happy New Year.
Following is a report prepared by one of our members Tammy Harding, Safety and Health Co-coordinator at Marigold Mining, a Goldcorp mine about 30 miles east of Winnemucca. She had been invited to attend the Barrick Global Mine Rescue Summit and we thank her for sharing her experience with us.

**Barrick Global Mine Rescue Summit**

By Tammy Harding

It goes without saying that mining emergencies are dangerous, so we need to be prepared to operate efficiently and safely to be successful. Every aspect of the mine emergency operation is important and crucial to our overall success. There is always a struggle in mining to convince some members of management that what we do as the Emergency Response group is needed and is important. We all want to be the one making the decisions; in the heat of an emergency situation; pushing down orders to all involved. Well, not everyone can be inside a burning building! During the month of September, Barrick Gold emphasized the importance of Emergency Response Team functions during their Global Mine Rescue Summit, which started at the University of Nevada-Reno Fire Science Academy, Burn Center-University of Utah and ended in Olympic Park in Park City, Utah. 72 Miners were brought in from operations around the world; which included Marigold Mining Company. We were able to battle aircraft and pickup fires. We also treated victims of mass casualty vehicle accidents during training evolutions at the Reno Fire Science Academy. Luckily for me, I was one of the miners. It was a great opportunity to share knowledge and increase my ability to handle different emergency situations that may occur in the mining industry.

As a new team of 11 members, we handled a wreck involving a bus running into the back of semi-truck; in turn, a welding truck ran into the bus and semi. There were 12 “victims”, which made it a very complex exercise. Being part of a new team, we hurdled challenges of designating an Incident Commander, methods of advancing the scene and language barriers. Working as part of a team on a mine site, we have already learned the value of team work. Communication is well established and we train together to safely remove patients from an accident scene. After designating an Incident Commander, we assured ourselves that we had adequate resources to deploy an attempt for a successful attack. The Incident Commander was our eyes and ears on the outside of the scene, watching for changing conditions that the attack team could not see. The Incident Commander is ultimately the one responsible for the overall rescue operation and any results that ensue. Quickly, the team came together, communicating, planning and overcoming the challenge. The increased level of knowledge helped to handle the incident without delay, extricating all 12 “victims”. This was my first training session of this type with Barrick Gold. This was a great opportunity to learn how other teams perform. It was also an excellent educational experience and I enjoyed working with all of the Barrick Gold’s team.
The third quarter was much busier than our second quarter, with conferences and a short course in Hartford, CT. Several funding requests were submitted with positive responses from some companies. I have a couple more to finalize and submit, but our financial efforts continue to ensure that we will be able to continue with our educational efforts.

On October 21-23, 2011, the California Science Teachers’ Association held their annual conference in Pasadena, CA. There were hundreds of presenters and a variety of workshops and presentations (view conference workshop brochure at http://csta2011sched.org/). Ebony McGee, a Director of the Education Foundation, worked at a shared booth with the CA Chapter of WIM. We offered stickers, computer calendars, and valuable information to the attendees. Many of the teachers requested classroom visits and were excited to visit the EF website. The booth was a great opportunity to network with science teachers throughout the state of California.

Scotty Norman, her husband Del and I traveled to Spokane, WA in October to take part in the Silver Summit and our very successful Silent Auction. The many companies who attend this fascinating conference have been very generous in their donations of items for the auction and we were able to solicit some great items from area companies as well as monetary donations that allowed us to purchase some beautiful jewelry to add to the table. It is a pleasure to work with the hosts of the Silver Summit and having one of their Directors as a WIM member-at-large, thanks to Jann Higdem. Jann was able to help out at our table this year and also did a good job of spreading the word about Women In Mining as well as securing some sustaining for National.
MITSUBISHI CEMENT CORPORATION
Lucerne Valley California

The WIM California Chapter had the pleasure of holding their October meeting at the Mitsubishi Cement mine. Seeing their well-designed operations gives confirmation to feelings of pride for the mining industry in California.

CEMEX READY-MIX TRUCK
At Temecula Middle School

WIM Members, Desirea Haggard (CalPortland), Christine Jones (CEMEX) and Julie Lakes-Martinez (CalPortland) spent time at Temecula Middle School where they taught young students about what goes into toothpaste. Each student was provided with the ingredients and instructions on how to mix them in such a way as to provide a marketable product.

The final test is … to taste it! Most were very happy with the results. After the lesson, students had the fun of seeing a CEMEX Ready-Mix truck up close; and to even meet the driver!

The California Chapter of WOMEN IN MINING
Would like to take this opportunity to wish every WIM Member and their supporting companies a Very Happy Holiday Season.
The 2011 National Mining Hall of Fame and Museum Prazen Living Legend of Mining Award was presented to the Ohio Aggregates and Industrial Minerals Association in September. Accepting the award was Executive Director Pat Jacomet, pictured at the right with Denver member Jackie Dorr. Jackie is a Museum Director and co-chairman of the Prazen Award Committee. Women In Mining received this prestigious award in 1998.

The Prazen Award is presented annually to a person or organization that was deemed to have made the greatest contribution to public education on mining issues. The award is a bronze statue representing the strength, talent, and dedication of an ordinary miner. It depicts both the romance and reality of our industry. Many WIM members attended the festivities.

On October 8, 2011 Amanda Adams and Karen Jass volunteered for Girl Scout Day at Dinosaur Ridge. The weather was very challenging (it snowed heavily for most of the day) but the Girl Scout spirits were not dampened! A total of 88 volunteers at various stations shared their interest in geology, paleontology and mining with the Girl Scouts. Over 300 girls attended, with 150 adult supervisors and other visitors.

The WIM station featured display cases showing minerals used in everyday items (make-up, light bulbs, batteries, even Girl Scout Cookies!). A second case demonstrated the role of mining in today’s green energy economy through the minerals required for the production of solar panels and wind turbines. It also showed the importance of coal to supply the energy baseload for the power grid.

Amanda and Karen shared information about the display cases with the girls, and emphasized the importance of mining in their everyday lives. All of the girls agreed that they would not be able to live their lives without mining. They were also educated about careers in the mining industry, and the important role that mining plays in Colorado.

(cont. on page 10)
On November 15, President Betty Mahaffey and Karen Jass, along with Dick Beach and Alan Cram of the Colorado Section of SME’s GEM Committee, spent the better part of the day working with students at this year’s Adams County Career Expo. This event, now in its 8th year, is held each fall for all of Adams County 8th grade students. Each year there are noticeable improvements on what the students are required to do during their hour or so in the exhibit hall (dress up to interview, hand out business cards, and shake hands as an introduction).

This year, the “Minerals Industry” exhibit was recognized for participating over the last 7 years. Before the show opened, Alan and Karen were invited to participate in other events by the district – they really liked the display - the visuals and materials available for students to consider as they plan their future. Generally questions related to how much schooling is required for a specific type of job, the type of opportunities that could be expected and the amount of potential earnings – all provided as take-away materials for students and teachers. As always, this is most enjoyable and it is amazing to speak to these young adults about career fields they had never heard about as they consider their interests and options. Hopefully, we have opened a few eyes to our industry’s potential.
WIM-Denver Chapter Annual Holiday Gathering this year featured High Tea on a Sunday afternoon. On December 11, we had a very lovely day in historic Georgetown at the St. James Tea Room. When we first arrived in Georgetown, the town was bustling with holiday activity. The streets were blocked off to allow shoppers to peruse all the gift shops without traffic interference. This former mining town is nestled in the foothills of the Rocky Mountains and is a favorite tourist stop.

The tea room itself is a cozy little room nestled back in the corner of a doll house and miniatures shop. Very quaint and charming, with a beautifully decorated Christmas tree.

The afternoon spread was outstanding. We were served a delightful dish of diced green apples with XXX green apple deviled eggs, cucumber sandwiches, spinach tartlets (which were an absolute hit), apricot scones, meringues, chocolate cups with Chai mousse and of course, lemon curd and clotted cream. There were quite a selection of teas; the cherry almond was a favorite.

We chatted about our holiday plans, our travels throughout the year and general happenings in our lives. It was a nice way to get together and take some time to enjoy each other’s company.
Returning from Spokane on the 22\textsuperscript{nd} of October, I then rushed to get ready to fly to Hartford, CT for our short course. I had made sure that the boxes of material that Ebony needed for the CSTA, material for the NSTA booth, as well as our material for the actual Short Course, had all been sent prior to our trip to Spokane, and it was all delivered on time! Jackie Dorr arrived in Hartford on the 26\textsuperscript{th} while I had flown in on the 25\textsuperscript{th} so I helped Mona Vandervoort and Lee Saperstein set up the SME booth on Wednesday. Lee is a retired professor who now lives in Nantucket, MA, and he served as chairman of the NSTA booth in Hartford.

As the booth samples were short on minerals, I had asked a good friend from NIOSH in Pittsburgh to send me six sets of the minerals/rocks they put together each year for educators in our short course to use in our “minerals/rocks, their properties and uses” activity, which he very kindly did.

The class was a lively one with educators from around the New England area. Along with the product match, we did Rock Obituary, Square Set Timbering and Rock Art. We ended the morning with M&M Geology. I had made contact earlier with the State Archeologist of Connecticut who put me in touch with an author who had written several books about Rock Art in New England so I had various pictures of Rock Art found in that area. Each attendee wrote a story using “Rock Art” then everyone tried to interpret them. The Square Set Timbering is an older activity we had not used in a long time, but proved to be a huge hit with everyone. It evidently falls right into the new STEM push. Now, I just have to write them both up as lesson plans, have standards assigned and post them on the website.

As many of you may remember, the New England area was hit with heavy snowstorms beginning Saturday, October 30. Although they did have some snow on Thursday night, it was clear when I flew out on Friday. Unfortunately for Jackie, she was delayed until Sunday as all flights were cancelled on Saturday. Luckily, she was able to keep her hotel room and did not have to spend the night at the airport, as many unfortunate teachers and exhibitors did.

The Education Foundation will be busy contacting many State and area science teacher groups to pursue presenting short courses at their individual conferences for next year. If any of you have contacts or information for your area, please let one of us know so we can contact them.

I received the packet for MINExpo 2012 and want to make sure you all mark your calendar for September 24-26, 2012 in Las Vegas, Nevada as we will have a booth and need workers.

The Foundation is looking for one more WIM member who would like to apply for a position as a Director. If interested please contact me at wimer23@wmca.net. Also, I have about 2000 computer calendars for 2012 that I would like to send out to each Chapter so they can give them out to educators, members and others who might like them. They fit on the monitor with two small sticky strips and you always have a calendar nearby. Please let me know if you would like some and how many.

Arloa Woolford
WOMEN IN MINING

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WOMEN IN MINING is a nonprofit 501 [c][6] organization.

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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Next National
Conference Call:
January 21, 2012

The next National Quarterly will be published April 2012

Articles are due March 1st, 2012

The lead article will be from the Virginia Tech Chapter