WIM... GOT ANY NEWBIES?

By Betty Peters
California Chapter Past President
National Past President

According to Wikipedia – the free online encyclopedia – a newbie, newb or noob is a slang term for a novice or newcomer, or somebody inexperienced in any profession or activity. The term’s origin is uncertain; however, I have heard my grandkids use it when they are talking about a new student in their school, or the arrival of new kids with their family in their neighborhood.

However, for me right now, I am thinking about the five new women who joined the California Chapter just 4 days ago. They are from CalPortland Cement. This brought a smile to this aging face as I get excited about their potential involvement in our very busy Chapter. Yes, the California Chapter, along with all of the other Chapters, is busy! We could be a lot busier if we promoted all of the amazing things that our members have done and can do in the classrooms at local schools.

In recent months getting members to respond to requests to provide a lesson on minerals and mining has been very difficult. Most members have taken on more responsibilities on their jobs. As a result, their time is limited and when only a few are able to volunteer to meet requests, they soon run out of energy and time. We need some NEWBIES.

More new members means more people to prepare, train and involve in providing educational programs. The more help we have, the less pressure there will be on the few who try to meet the need. I am sure all Chapters have the same issues.

April 2016

(cont. on page 2)
IS YOUR COMPANY INFORMED?

We also need to keep our companies informed of the value of what WIM does to promote mining. Are you promoting WIM membership at your company? Does management understand what WIM is all about and the value we bring to the classroom? Teachers value our contribution to their lessons on minerals and how a rock can turn into a product. Students see how important mining is and may even consider a career in the mining industry. When I go into a classroom, I ask how many of the young students collect rocks? Almost every hand is raised. I reply… “Well, you are already a miner!” They smile and are proud to be considered a “Miner.”

ARE YOU INFORMED?

You are a valued asset to WIM and to your Chapter. Please consider sharing with your co-workers and management what value WIM brings to the mining industry. Then consider going along with one of the experienced WIM leaders as they teach a class, man a booth at a convention or community event, speak at a conference, meet with Boy and Girl Scout troops, participate in a panel discussion, judge science fair projects, represent the industry during career days events, or any other of a myriad of opportunities to spread the word about the importance of mining and minerals to our everyday lives. This will prepare you for the time when you can do this on your own.

Thank you all for considering this.
FROM THE PRESIDENT

Another WOMEN IN MINING NATIONAL year has passed and I had the pleasure and honor of serving as President for the last two years. A huge “THANK YOU” to all of the WIM Chapter National Representatives who have played a vital role in keeping their Chapters informed about the entire organization’s activities. It is encouraging when you realize that there are Chapters around the United States making every effort to educate the public about the value that minerals and mining play in our world today.

I especially want to thank Jackie Dorr for taking on the responsibility of providing the WIM National Quarterly throughout the year. This is not an easy job! Getting Chapters to send in reports in enough time to provide editing, typing, picture framing and ultimately creating an interesting and delightful report, takes talent and a lot of patience. Thank You Jackie!

I would also like to thank the Missouri University of Science and Technology for hosting this year’s WIM National Meeting. All of the Chapters know that this requires a significant effort. Establishing a date, time and place for the event, for places for members to stay, to meet, to tour and to eat is a LOT of work. It is hard enough for those Chapters that are working in the industry, let alone those who are having to meet the standards of each of their classes and still help provide an interesting WIM meeting place. Thank you MST!

My final encouraging words to all of the WIM Members are “THANK YOU” for your dedication and faithful efforts in reaching the goals set by WOMEN IN MINING National. It takes time and effort to meet the requests that pour in from teachers and educational organizations. It also takes time to educate new members and get them prepared to play an active roll out in the classroom. Personally, as I drive away from having just led a class on Chocolate Chip Cookie Mining and the art of making toothpaste, I do have a smile on my face. To watch students and teachers learn what mining is all about and what value it has today and for their future - this is worth it all!

As I pass the gavel to the next President in April at the National Meeting, I extend my best wishes and continued support for our new leader.

See you soon!
Darlene Bray
This year sure did pass quickly! I guess that happens with each year for many of us; it sure did for me.

Work is finally going forward with the new website and we hope to be able to announce when it will Go Live very shortly. It has been a long struggle, the fact that many of the Directors have been inundated with work at their “paying” jobs which decreased a lot of their time for “volunteer” jobs, but we can at least see the light at the end of the tunnel.

It is unfortunate that not all the chapters responded to the requests that were made of them. We only received one chapter history update, and only one chapter responded with their decision to use PayPal, so those who didn’t respond won’t have that information on their webpage. We will add each chapter’s individual logo, make sure that their toll-free telephone number is posted on their webpage as well as their email address. The activities have all been updated, the obsolete national standards removed, and each will be given curriculum categories to help educators pick which ones they want.

At this time, it does not appear that the EF will have a quorum for the Annual Meeting in Rolla. With scheduling conflicts, work travel and family illness, we are not sure which Directors will be able to get to Rolla - which is sad. MS&T did such a terrific job of hosting in 2009. I don’t know of anyone who attended that event who didn’t enjoy themselves. All the information on explosives and actual detonation demonstrations was very exciting.

The EF is going to have a booth at the upcoming 2016 MINExpo in Las Vegas, September 26-28. I would assume we will be setting up the booth on the 25th. We want to thank National Mining Association for this and look forward to seeing old friends again and making new ones. If any WIM members may be attending, we would appreciate your letting us know if you might have some time to donate to the Foundation to help staff the booth. Contact me at wimer23@reagan.com.

I will end on a very positive note for the Foundation; we have a new Director, Karon Jury-Ferjanec from the Nevada Chapter. Karon was the first Secretary when the EF was formed back in the early 1990s, and had been a long-time member of Battle Mountain Chapter. She rejoined Nevada Chapter last year and some of you who came to the National Meeting in Elko last year may have met her as she attended the entire meeting. She has been involved in mining for many years, helped staff the Nevada WIM Chapter table at the Rye Patch event last September, and is knowledgeable about website platforms. She will be an excellent addition to the Board and we welcome her with open arms.
Women In Mining 2016 NATIONAL ANNUAL MEETING
April 14-16, 2016 in Rolla Missouri

Name ________________________________
Address ____________________________________________________________
Primary Phone __________________ Call Phone ____________________________
Email __________________ Chapter _________________________________

Full Registration $150.00
Includes all conference events, check those you plan to attend below:
☐ Thursday Education Foundation Meetings and Training Session
☐ Thursday Reception w/ Special Guest
☐ Friday Field Trip
☐ Saturday Lunch w/ Speaker
☐ Saturday Reception & Dinner w/ Speaker
  Additional dietary restrictions ____________________________

Full Registration Total $ 150

À LA CARTE/GUEST REGISTRATION PRICES LISTED BELOW
Are you registering a guest/spouse? ☐ Yes ☐ No
Guest/Spouse Name __________________________
Phone __________________ Email __________________

Event (check those you plan to attend) Cost Summary
☐ Thursday Education Foundation Meetings and Training Session Included
☐ Thursday Reception w/ Special Guest $20
☐ Friday Field Trip $50
☐ Saturday Lunch w/ Speaker $25
☐ Saturday Reception & Dinner w/ Speaker $60
  Several entrée options will be available at the venue
  Additional Dietary Restrictions ____________________________

À LA CARTE/GUEST REGISTRATION Total $__________

Registration is DUE by March 15, 2016. Full registration after that date will be $180.00
Registration may be paid with check or credit card (card entails a 3% additional charge)

Card holder name __________________________ Expiration Date __________
Card Number ________________________________ Security number __________

Mail registration to: WIM – MST Student Chapter
228 McNutt Hall
1400 N Bishop St
Rolla, MO 65409

For questions call 1-314-452-1100, email rollachapter@womeninmining.org
or visit to www.womeninmining.org
Room reservations can be made by visiting Comfort Suites Rolla
online at https://www.choicehotels.com/missouri/rolla
Reservations can also be made by phone by calling (573)368-4300
  Mention WIM to get the group room rate
Room reservations must be made by March 25th to guarantee the group rate
Greetings from Texas!

Our first activity of the year was the STEM (Science, Technology, Engineering and Mathematics) fair held in San Marcos, Texas in February. Donna Thornton and Brandon Howard were very busy overseeing toothpaste activities as well as the birth of many pet rocks. Our next meeting will include an assembly line to produce more toothpaste kits!!

Our spring golf tournament has turned into a fall project with more information to come. In its place, we are planning to have a training day on how to do some of the many educational activities developed by WIM. The training will be held on Saturday, May 7th from 9 am to 3 pm and anyone is invited to join us. Contact us at womininminingtx@gmail.com if you would like more information. Free breakfast, lunch and all supplies are included. We can also provide information on places to stay and things to do in the New Braunfels area – Schlitterbahn anyone?

We plan to have at least four members attend the National meeting this year. Looking forward to seeing old friends and making new ones.
Education Outreach:

The main educational outreach event of the spring semester has been the annual Engineering Day, which was hosted by the University of Kentucky College of Engineering. Women in Mining members worked with SME to plan the events and information that would be provided to all those that visited the Mining Engineering Room. Interactive and informative stations about mining engineering were set up with student representatives there to explain any demonstrations and answer any questions about mining engineering. Hundreds of parents and students from all over the state were present at Engineering Day and walked through our room. The demonstrations presented included magnetic separation, density separation, mine rescue gear, and a coal loading contest using a remote control loader. The photos below show Women in Mining members at work on Engineering Day.

![Images showing Mining Engineering Room and Engineering Day activities.]

Involvement:

Three of our Women in Mining members are also on the University of Kentucky’s new Mine Rescue Team, which began competing in March. Members are given an opportunity to exercise critical communication and decision-making skills that will be needed during the response to a mine emergency. These skills may be valuable for their future careers.

As the year comes to an end, new officers will be elected. The chapter is excited to see what new opportunities and adventures the future holds for the University of Kentucky student chapter of Women in Mining.
We are all so excited to see everyone at the National Meeting in April! Here in Rolla we are busy preparing the final details for the meeting, and it is not too late to **register**!

We have had a very busy semester recruiting new students to our university and department as well as to our Women in Mining Chapter. Our main outreach as of yet has been helping the Girl Scouts achieve their Geology merit badge, and we also gave them a mine tour and lecture.

The coming months will be exciting, and once again we can’t wait to show all of you Rolla and the awesome things we have in store!

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**NEVADA CHAPTER 2016-2017 OFFICERS**

President ....................................................... Megan Tibbals  
Vice President .................................................. Kelly Murphy  
Secretary ........................................................... Kelly Johnson  
Treasurer ............................................................. Julie Pugh  
Nat. Rep ............................................................. Katie Gardner  
Nat. Rep. ............................................................... Stephen Tibbals  
Alt. Rep. ............................................................. Arloa Woolford  
Foundation Directors ....................................... Scotty Norman  
................................................................................. Arloa Woolford  
................................................................................. Karon Jury-Ferjanec
Christmas Tea

The Chapter’s annual Christmas Tea was held on December 12, 2015 at the Briarwood Inn in Golden, CO. It was a very snowy afternoon but the group was excited to get together. The menu included scones, a lobster bisque, a variety of tea sandwiches and delicious desserts.

Thank you very much to Sharon Kirts for organizing the tea! As our programs coordinator, Sharon always has a special surprise for us!

Outreach

Amanda Adams, geological engineer with MWH Global and Denver Chapter past president, was interviewed by Denver TV CBS4 as part of their Girls & Science event that took place on March 5, 2016.

CBS4’s Lauren Whitney (l) interviewed Amanda. The full article and video of the news story can be found here: http://denver.cbslocal.com/2016/03/03/female-engineers-mwh-global-girls-science/

Dinner Meetings

February 17—Carol Cox Russell talked about the diversity of mine reclamation projects she has worked on over the last 25 years with the EPA. Absolutely fascinating!

March 16—John Curtis, Colorado School of Mines Geology Professor, spoke to us on potential gas resources and reserves throughout the United States. His presentation was very informative. Anyone who didn’t know the difference between resources and reserves does now.

2016 Goal Setting Workshop

Saturday, April 23—the chapter will host a workshop entitled “How to Get What You Want: 5 Steps to Accomplishing your Goals.” Designed and presented by Michele Ashby, Executive Consultant and founder of the Denver Gold Group, the workshop is open to the general public. Hosted at the SME headquarters office in Englewood, the session includes lunch.

This dynamic workshop is designed to help you achieve your personal and professional goals. For more information, email Lois Brooks at lbrooks@geopros.com.
Editor’s Note: March 2 was Theodor Geisel’s birthday. Enjoy the following article compiled by WIM National Treasurer and WIMEF Director Bonnie Love. It was first published in WorldWide Drilling Resource.

The Early Career of Dr. Seuss

Compiled by Bonnie Love, Editor, WorldWide Drilling Resource*  

Before the Grinch stole Christmas and we met a cat with a hat, Theodor Seuss Geisel, the man we know as Dr. Seuss, created advertising campaigns for Standard Oil Company. It was the 1920s, and the U.S. was in the midst of the Great Depression, when the strange and wonderful creatures Geisel created were used to sell Essolube and other products.

It all began when, Geisel created a dragon cartoon which mentioned Filt Bug spray. This caught the attention of the wife of the company’s ad executive who convinced her husband to hire Geisel. They eventually hired him to create several ads.

Meanwhile, Standard Oil expanded their advertising department, which had focused on selling Standard and Esso gasolines; lubricating oil; fuel oil; and asphalt; to promote other petroleum by-products including Filt Insecticide.

The Mandeville Special Collections Library, located at the University of California San Diego houses The Dr. Seuss Collection in Geisel Library. According to the library, these ads, along with those for several other companies, supported the Geisels throughout the Great Depression. His critters promoted many diverse goods, including ball bearings, beer, sugar, Essomarine oil and greases, and Essolube Five-Star motor oil. Essolube continues to be a product offered by ExxonMobil today. Smiling, toothy creatures such as the Zorodocus and Karbo-noxus appeared in advertisements warning motorists of the hazards of driving without the protection of Standard Oil lubrication.

Dr. Seuss said his experience with Standard Oil taught him “conciseness and how to marry pictures with words.”

His contract with Standard Oil Company restricted him from a lot of things, but not children’s stories. In his book The Beginnings of Dr. Seuss: An Informal Reminiscence Geisel said, “I would like to say I went into children’s book work because of my great understanding of children. I went in because it wasn’t excluded by my Standard Oil contract.” This led to the creation of one of the world’s most beloved and inspirational authors of all time.

The former advertising illustrator wrote his first children’s book, And to Think That I Saw It on Mulberry Street and submitted it to 27 publishers, all of which turned him down, before it was actually published in 1937. Although his unique style was unlike anything else on the market and publishers feared it wouldn’t sell, it quickly became a best seller and the rest is literary history. His ability to spark a child’s imagination and creativity revolutionized children’s literature. Dr. Seuss went on to write more than 40 children’s books, bringing the world such beloved favorites as The Cat in the Hat, How the Grinch Stole Christmas, and one of my children’s favorite stories Green Eggs and Ham. His alma mater, Dartmouth College presented him with an honorary doctorate in 1955 making him officially Dr. Seuss.
WIM CAL’s first quarter was full of teaching events and meetings which is amazing considering how busy every company and their employees are at this time of year. It is typical for schools to be seeking educational programs that support their curriculum and we love being able to show off our wonderful mining industry. Our Chapter is also in the midst of planning our Annual WIM Golf Tournament Fundraiser which will be held May 9, 2016. So, for all of the California members who provided educational events during this quarter, we say THANK YOU!

**WIM CAL TEACHING**

**On January 22:** Joyce Fitzgerald, Dinah Shumway and Angelica Wong provided a lesson on “Making Mines Mine” at the 2016 Celebrating Women in Mathematics and Science Conference in Victorville. The American Association of University Women hosted the event and our members provided “Chocolate Chip Cookie Mining” making mining real to those taking the class. Over 2,800 female students attended the conference and, along with the various educational lessons, they were introduced to career opportunities in the mining industry.

**On February 18:** Gena Oliver had a WIM booth at the Lucerne Valley Elementary School Science Night. She provided the contents to make toothpaste; about 100 students visited the WIM booth. At right, a Dad is helping his kids.
On February 25: The Mojave Desert AQMD hosted the annual Mojave Environmental Education Consortium and a class for teachers dedicated to bringing a greater appreciation of the value of minerals back to their classroom. Darlene Bray, Julia Bonser, Joana King, Alejandra Silva and Susan Silva provided the Chocolate Chip Cookie Mining class to local teachers.

On March 4: Mesa View Middle School held their 8th Grade STEM Career Day. Jennifer Evans and Irene Zamorano provided a lesson using the water filtration activity. When the teacher asked for WIM participation she commented, “Last year’s career day was a big hit with our students and they enjoyed your presentation very much.”

On March 12 and 13: Gena Oliver and Juanita Czupor hosted a booth at the Turlock Gem and Mineral Show in northern California. They demonstrated the toothpaste activity with young students that stopped by their booth.

On March 18: Tania Lewis and a team of employees from Rio Tinto Minerals spoke at the Piute Middle School Career Day. It is hoped that the presenters will inspire future leaders in the direction of the mining industry.
On January 21: a meeting was held at the CEMEX plant and mine located in Rialto, California. Prior to the meeting we had a tour of the mine and the various operations going on at the plant presented by Christine Jones (below center).

On February 11: a meeting was held at Elementis Specialties in Newbury Springs, California. Joyce Fitzgerald took a group on a tour of the operation where they mine hectorite which is used in many things, but for us WIM gals we appreciate that it is in fingernail polish!

On March 10: the CalPortland Cement Plant in Oro Grande hosted a meeting at their plant and mine. Karen Johnson and Desirea Haggard provided a tour and meeting facilities.
WOMEN IN MINING National 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.

2015-2016 OFFICERS AND COMMITTEE CHAIRS

President Darlene Bray—California
Vice President Gena Oliver—California
Treasurer Bonnie Love—At-Large
Secretary Betty Mahaffey—Denver

Student Chptr Liaison – Karen Jass, Denver

Bylaws – Nevada Chapter
Finance – Denver & Calif Chapters
Historian – MS&T Chapter
Legislative – Nevada Chapter
Membership – Texas Chapter
National Quarterly – Denver Chapter
Public Relations – Calif & Utah Chapters
Website – Education Foundation

All Chapters come together
April 14-16 at MS&T