

FALL 2012

MONTANA LOCAL SECTION OF THE AMERICAN CHEMICAL SOCIETY

10/14/12 Chico Hot Springs

Present: Glenn Pinson, Earle Adams, Kyle Strode, Tony Haag, Janice Alexander, Gary Freebury, Nick Natale, Carole Pleninger, David Long, Adam Wenz, Doug Coe, Gavin Curtin, Sharon Peterson.

1. Approval of spring 2012 minutes: Due to acting secretary Bob Madsen passing away shortly after the spring meeting, notes are not available.
2. Treasurers report: Due to Bob Madsen passing away last spring Earle Adams and Tony Haag worked with the bank to transfer account names so Earle could access the funds. Money market, checking, and savings account. About \$47,000 remains in the account. Earle has received the records and is getting caught up on the process.

Major expense is the Chico fall social followed by travel awards at spring meeting and the chemistry Olympiad. Total awards have been dispersed.

Fall social subsidy of rooms for students with posters as well as student registration fee of \$20 and adult of \$40.

Interest is still minimal with the current economy.

We need to elect a new treasurer.

3. This meeting: about 25 students gave poster presentations, having a good impact on the students particularly from the small schools. Subsidy is worth keeping. Meeting time pre-set for next year. October ??? small room for posters again next year, will shrink presentation/dinner room so make sure presentation screen/projector set up ahead of time so dinner into presentation smooth. Good talk for audience. Maybe set up short meeting after of speaker with students.
4. Councilor report: Short meeting, elected national officers, looked at ACS finances, no contentious issues, finances have stabilized, membership is coming back up after economy crisis, ACS made it easier for students to become members which is great as they are now becoming professionals. Discussion item at spring meeting was chemical safety. Kyle now is on the ACS chemical safety committee. Discussion item at fall meeting was ACS outreach for drinking water in the developing world. Package for high schools and small colleges to raise money for clean water, awareness and funding.
5. ACS NORM Meeting 2014: Nick Natale gave power point presentation received by the officers prior to the meeting.

Identify sponsors, fundraising, create a logo via student contest, arrange for plenary speakers, web page needs to go out.

Still looking for symposia ideas, need active ACS undergrad section so minimum 6 members that cooperate with the other student groups and can apply for undergraduate programming grant of about \$2800.

Looking into financial support for high school programming. Gary Freebury was in charge of last Montana Norm in Bozeman. Thoughts include Vernier, TI, GSK, Flynn, Exxon Mobil, etc.

All ideas welcome, send to Nick.

Hot topics plenary speakers: ideas to Nick – Yellowstone biological, MSGC and NASA, river environment, fracking, etc.

Logo: into the schools – provide as examples prior logo examples – to get to school put on Montana Science teachers website and newsletter, theme might be Chemistry, Health, and the Environment

Logo by March/April to have products by early July; need Logo and Marketing Committee

Janice and FVCC with Earle helping – logo and maybe videos to post.....need a prize, etc. email us Montana logos.....

ACS will come in for a day and do workshops on career, diversity, leadership, undergraduate

Need awards committee chair.

Student committee for social media – College chem clubs and connect out

Kyle at Carroll or another chem club?

Innovative programming grant submission for student groups designing social media aspect.....tweet, facebook, youtube videos, etc.

Nick will get the presentations to Tony to post on the website so all members can access the information.

6. Teaching Outreach National Chemistry Week: October 22-26 and Tuesday October 23<sup>rd</sup> is mole day with 6:02 am and pm preferable. Nanotechnology this year. Any event for public or schools take a photo with safety glasses, send a blurb to Nick. Members took the ACS flyers to distribute.
7. 2013 spring meeting planning: Butte, Montana Tech. April 13<sup>th</sup> or April 20<sup>th</sup>
8. Presentation by Montana Bioscience Alliance: part of the national Biotechnology Industry Organization (BIO). Montana was the 35<sup>th</sup> state to join many years ago. STEM education a big

thing this year. SBIR and STTR's was funded. Last year funding was cut for research and technology but the funding should return next year. Love to be involved with regional meeting.

9. Montana High School Chemistry focus:

Carol Pleninger:

\*All of my attempts to create a Chemistry Workshop have been met with less than favorable attendance, so we may need to take the information to teachers and not expect them to come to workshops, conventions, etc? What about using the colleges as regional satellites to attract teachers in close proximity and give lessons and equipment (kits) that are user friendly.

\*Turning students on to Science (Chemistry in-particular) needs to happen earlier than high school. What are the possibilities of taking it into the middle schools/elementary schools when the trend is to focus on reading and math and leave science out?

\*Many of the more populated areas of our state have STEM Programs, "Chicks in Science", etc. What can we do for the more remote or lower income areas of the state?

\*What are the possibilities of sending some high school teachers to some regional or national ACS conventions, especially in light of the Regional meeting coming to the state...what do these have to offer high school teachers so that we can promote high school teacher attendance at our own program?

\*How do we promote colleges to embrace high schools and want to share things going on in their programs even when they are not geographically close. There is a large amount of research and amazing science going on in this state that we in the high schools could be promoting to our students if we knew about it. This is what makes the subject become real.

10. Election planning:

Several members have expressed interest:

Gavin

Jesse

Adam

Carole

Positions open:

Chair-elect

Treasurer:

Secretary:

11. Other: Bob Madsen – consider for nomination for diversity award