

**New Mexico Academy of Science
Board Meeting Minutes**

Conference Call

Call-in number 1-712-432-3011 Code 154202 May 2, 2015

Board Attendees

All members by conference call: Malva Knoll, Jason Jackiewicz, Deb Novak, David Peters, Anton Sumali, Lynn Brandvold, Kurt Anderson, Hal Behl, Marvin Moss. A quorum of 9/14 was present. Parenthetical notation in the minutes shows the person who made the motion followed by the person who seconded the motion. (Motion, Second).

Board Meeting Agenda and Minutes

The Board approved the agenda from Jason with one addition of a PR opportunity for a STEM conference by Malva (Kurt, Lynn). The Board approved the minutes from the NMAS Board meeting on January 21, 2015 (Kurt, Anton).

Announcements -Membership Report

Information about members is in the treasurer's report from Vince. We have several new members and board members are reminded by Jason to renew their dues. Hal is calling for renewed effort to solicit members. Anton is considering a membership drive at varied institutions including national laboratories. Students and advisors from the annual meeting were given free memberships and they should be contacted for renewals. Lectures bring in the public and all lectures should have an NMAS membership table. Hal will set up a meeting where he invites board and non-board people to join him to discuss increasing membership. Jason will provide a membership list to Hal for this meeting.

Treasurer Report

The board approved a motion to accept the 2015 budget originally submitted by Anton for 2015 as this budget was not approved at the January 21, 2015 meeting (Kurt, Malva). The board approved the treasurer's report provided in email by Vince Gutschick for May 2015 with one abstention from Anton. (Kurt, David). Hal requested information about the investment account which currently has \$8512.02. Vince also questioned this account in his written narrative. Jason will make inquires about the need for this account and the source of the money as well as its distribution.

Program reports (Standing Committee Chairpersons)

NM Junior Academy of Science (Lynn Brandvold)

Lynn provided a written report including lists of competition winners, American Vacuum Society winners, and an expense account. Lynn is rectifying the expense account over approximately \$100 with the treasurer, Vince. Lynn has contacted the top Senior and Junior winners about having their papers published in the NMAS Journal. Five students have accepted the invitation and will be ready in the fall for Kurt's publication deadline. Kurt will check formatting requirements and Lynn will proof the entries. Anton reported one of the Junior Academy winners has accepted early decision admission to Harvard.

National Youth Science Camp (Richard Nygren)

Malva will send Richard a reminder to submit information about the 2015 program to David

Peters and Jason for updates on the website and entries in the newsletter.

Teacher Awards Program (Deb Novak)

NMAS is ahead of schedule for getting PR to educators at several conference events about the Teacher Award Program. Malva will include the Teacher Awards program in the UNM STEM Ed website and for publication by the Public Education Department at a professional development conference to be held in May.

NMAS Journal of Science (Kurt Anderson)

Kurt is hoping that a new person would consider taking over leadership of the Journal publication. Jason relayed information from Donivan Porterfield in “new business”.

Newsletter (David Peters)

David would like to include information for a May newsletter about NMAS recent programs including: Teacher Awards, Junior Academy, and Science Camp. Malva will send David a link to the NM Teachers’ Association newsletter as an example of shorter, more frequent newsletter. Jason reported statistics from the on-line distribution of the newsletter: One hundred people received that last newsletter; 87 people opened it for over one minute; 3 unsolicited subscribers became members possibly due to receiving a forwarded newsletter from a friend.

NMAS Lecture Series (Marvin Moss)

Marvin is working on the next lecture with the incentive from the success of the last lecture. He is considering a topic related to the Boston bombing and members suggested a geophysicist with the topic of water injection related to earthquakes. Marvin was considering water issues again possibly in conjunction with climate change. Jason suggested multiple speakers or even a debate with credible speakers filling positions.

Annual Meeting (Jason Jackiewicz for Shanalyn Kemme)

Jason reports that EPSCoR is considering November 7 and 14, 2015 for the joint annual meeting. Deb suggested that November 14, 2015 is the NM Science Teachers’ conference in Hobbs so November 7th is a better date. Jason will relay that information to Mary Jo Daniels at EPSCoR.

Museum Liaison (Deb Novak for Jayne Aubele)

Jayne is still working along with Deb on the Informal Museum Science Network in Albuquerque. Jayne is the contact at the Museum for any lecture scheduled by NMAS through Marvin Moss. Kurt suggests cooperation with the Las Cruces Museum possibly to have a lecture given in Albuquerque repeated in Las Cruces. Deb reported that NMMNHS will have live video streaming capabilities if this can be utilized by other entities for NMAS lectures.

Community Relations (Anton Sumali)

Anton attempted a membership drive through the Sandia Lab email and did not have documented success. He knows we need a better mechanism for soliciting members including a membership table at the lectures sponsored through Marvin Moss. Anton did approach possible members from the annual meeting but received no response. Public Education Department PED representatives visited Sandia National Laboratories and reported that teachers are leaving the field in large numbers. PED attributed some of this to the PARCC testing. Anton documented

many errors on the practice tests to no avail. Public law prohibits bad remarks about the PARCC tests. The testing company earns millions of dollars from the tests. Kurt reported the larger issue in Las Cruces is the loss of teaching hours due to the test duration. Anton feels PED needs more feedback from teachers and parents. Kurt suggests NMAS become more visible in the education. Malva suggested a panel or discussion about relevant education topics with proponents on each side of the issues as a topic of the next NMAS 'lecture.'

Malva will construct and submit an advertisement for the PED professional development program to be held in May. An amount of \$500 has already been approved in the budget for this expense. Malva will distribute a draft to members for immediate comment since the deadline is Monday May 5, 2015.

Old Business

Donivan Porterfield has offered to help get more speakers for our annual meeting and also to get more volunteers to help judge the NMAS competitions. Anton suggested that Donivan could help solicit NMAS members from Los Alamos National Labs. It was suggested that Donivan should be considered as a possible NMAS board member.

Lynn requested that Jason have Vince order more checks in a larger number for NMAS and send several boxes to her for use with the Junior Academy of Science.

New Business

Three board members, Anton, Marvin, and Deb have left the conference call which leaves the board without a quorum. *All remaining business will continue as discussion only.*

Jason and Donivan discussed options for a new format of the NMAS Journal of Science. In the revamped Journal editors would summarize the state of Science in New Mexico in the fields of research, industry, and STEM education by publishing a picture and short biography or report on current work by personnel in each their respective fields. Jason felt the difficulty would be in finding a contact person from each entity represented. Kurt stated that annual reports are published from NMSU for new faculty members. He suggests a link on our website to these individuals. For the Journal, each institution would be supplying information which eliminates security issues. David Peters says that SNL has a monthly overview of programs which could be culled for information. Malva suggested that NMAS has the Teacher Award Program and Junior Academy of Science represent education and the Journal would help NMAS enter the professional scientist realm. Board members present agreed to move forward with these steps: 1) establish a contact at each entity as a source of locating the professionals 2) draft a one page summary of the goals, scope, distribution of the NMAS Journal for use by board members involved. David will help initiate this new Journal format project at Sandia National Labs, Donivan will work at Los Alamos Labs, and Jason will draft a one page summary so everyone uses the same message.

Vince reports that we could spend about \$1800 annually from the interest of the endowment. The Visiting Scientist program is a possibility if resurrected with some revisions. Hal argued for a small program with volunteer speakers who do not require payment and deletion of the administrative costs. Malva will send old program reports from previous director Dr. Maureen

Romine to the board. Malva proposed that NMAS money is better spent on providing field trips to students who could visit local museums in their neighboring communities. Jason requested email discussion to continue.

Jason requested that all board members submit a photo and a one paragraph (about 250 words) description that will humanize the board members as an entry on the website. Jason will accept documents in email until the end of May.

Jason will send a Doodle Poll with possible dates for NMAS board meetings in August and October prior to the annual meeting.

Jason enumerated the task list hidden within the minutes for board members.

1. Hal will conduct membership meeting with Jason providing current membership list.
2. Jason will alter website with updates and inquire about the investment fund in the budget. He will contact EPSCoR about a November 7th annual meeting.
3. Marvin will pursue new lecturer and include membership table at the event.
4. Vince will order checks and send 5 boxes to Lynn for Jr. Academy.
5. Malva will contact Richard Nygren regarding Summer Science Camp PR. She will draft a PR piece for PED STEM meeting and send NMSTA newsletter link to David.
6. All board members will send a profile and picture for the website and will update the roster which will be attached to the minutes by Malva.
7. Anton will provide names of PED members who visited Sandia National Labs.
8. Richard Nygren will supply Science Camp info for the website and newsletter.
9. Lynn will contact students who desire publication of papers in the Journal.
10. Michaela will need a ballot initiative with names of new officers for 2016. NMAS requires 30 day voting period so that election results are ready for the Nov 7th annual meeting. This sets an Oct 7th deadline for getting ballots to the members. A suggestion of Oct 1st and Nov. 1st for these deadlines which leaves one week advance for the annual meeting.

Meeting was adjourned at 12:28 PM. (Kurt, Hal)