



New Mexico Academy of Science Board Meeting Minutes

February 4, 2017 10:00 am – 1:30 pm

Physical Meeting Location: New Mexico Museum of Natural History and Science

Virtual Meeting Location: Call-in number: 1-712-432-3011 Code: 154202 (6081 host)

Agenda Items

1. Call to order

David Peters called the meeting to order at 10am. Parenthetical notation in the minutes shows the person who made the motion followed by the person who seconded the motion (Motion, Second).

2. Roll call

Board Attendees present at the Museum: Malva Knoll, David Peters, Michael Gonzales, Natalie Rogers, Lynn Brandvold, John Emerson, Gretchen Gurtler, Steve Jett, Nancy Hurtado-Ziola, and Shanalyn Kemme. Attendees by conference call Anton Sumali, and Kurt Anderson.

3. Approval of Elected and Appointed Officers

Proof of quorum (Defined as a majority of the board of 15)

A quorum of 12 of 15 was present at the meeting.

David Peters introduced the newly elected board members and presented his choices for appointed board of directors. The board approved the elected and appointed slate as printed below. (Malva, Shanalyn)

Officers:

President: Dr. David Peters (term 2017)

President-Elect: Dr. John Emerson (term 2017)

Vice-President: Dr. Stephen Jett (term 2017)*

01 2017 Election 1 year

Treasurer: Michael Gonzales (term 2016-2017) *

01 2016 Election 2 year term

Secretary: Mrs. Malva Knoll (term 2017-2018) *

01 2017 Election 2 year term

Past President: Dr. Shanalyn Kemme (term 2017)

Director at Large: Gretchen Gurtler (Term 2016-2017)*

01 2016 Election 2 year term

Director at Large: Dr. Nancy Hurtado-Ziola (term 2017-2018)*

01 2017 Election 2 year term

*elected officers term beginning Jan. 1, 2017.

Appointed Directors

Journal of Science

Natalie Rogers

Junior Academy of Science; SWARM, AAAS, NAAS Delegate.

Lynn Brandvold

Lecture Committee

Michaela Buenemann

Museum Liaison NMMNHS

Jayne Aubele (Alternate Deb Novak)

National Youth Science Camp

Richard Nygren

Newsletter

John Emerson (elected)

Public Relations/ Communications /Outreach

Anton Sumali

Teacher Awards

Jayne Aubele (Alternate Deb Novak)

Webmaster
Southern New Mexico, NMSU liaison

Jason Jackiewicz (non-voting)
Kurt Anderson

4. Approval of the agenda (David Peters)

Board members approved the agenda with no changes. (Shanalyn, Lynn)

5. Approval of the previous meeting minutes (Malva Knoll)

The board approved the minutes of the October 22, 2016 with a correction of a typo in the treasurer's report. The Share Account listed incorrectly as \$111,830.89 was changed to \$11,830.89. (Lynn, Shanalyn).

6. Treasurer's Report (Michael Gonzales)

Michael provided a written report of income and expenses for January-December 2016 including:

Current Cash Funds

Checking	\$ 6,527.62
Share Account	\$ 5.00
Savings	\$ 11,839.84
Endowment	\$ 38,497.33
PayPal	\$ 733.67
Account Totals	\$ 57,603.46

Michael prepared a written treasurer report. Lynn reported that Sandia Lab donation of \$4,000 is designated for the 2017 year. Michael will solicit dues from members who have not paid dues for 2017. United Way checks have been received in an amount less than previous years. The endowment report is generally behind, and it was current as of the end of September. The end of year endowment report will arrive soon. The board accepted the report. (Lynn, Shanalyn)

Standing Committee Reports

7. NM Junior Academy of Science (Lynn Brandvold)

Lynn reported the grant proposal to Sandia Lockheed Martin was very late to be approved. NMAS received \$4,000. Lynn uses money from previous competitions to start the current year's competition. There was a \$3,632.72 balance carried over from 2016 to 2017. Including other expenses, the balance on Jan 31, 2017 was \$7,616.16.

Lynn submitted a proposal to the Public Education Department STEM Symposium for presenting a session entitled "How to write and present a scientific paper" on June 1, 2017. Shanalyn will be a co-presenter.

Lynn explained the NMJAS regional competitions and the NM state competition to the new members of the board. The written papers are submitted 2 weeks in advance of the oral competition. The New Mexico section of the American Vacuum Society members give awards at the state competition for the oral presentation and include awards for the sponsoring teachers. NMJAS winners are eligible to participate in the National Junior Academy of Science (NJAS) meetings. . The students have the opportunity to present their papers orally to the other students and as poster presentations at the AAAS meeting. The winners are published in the NMAS Journal of Science and students can participate in the NMAS annual meeting. David Peters offered to distribute PR to solicit NMJAS judges at Sandia Labs. Malva explained the National

Junior Humanities and Science Competition occurring this year March 3, 2017. Students should be able to participate in both competitions without extensive re-writing of their papers. Lynn has mailed information packets to the six regional directors and competitions are scheduled in late February and early March of 2017.

8. National Youth Science Camp (Richard Nygren)

Jayne Aubele reported for Richard Nygren describing the program for graduating high school seniors. The students attend a week-long summer camp on the east coast which includes lectures, tours, and lab activities.

9. Teacher Awards Program (Jayne Aubele)

Jayne is the current NMMNHS Liaison for the Academy. She will solicit help from Deb Novak when she is unable to attend meetings. Jayne will also solicit help from Deb for the teacher award program.

10. NM Journal of Science (Natalie Rogers)

Natalie is almost finished adding the NMJAS papers and student abstracts to the electronic version of the Journal for publication on the NMAS website. Natalie will also notify EBSCO Industries, who is the NMAS distribution center for science journals. Lynn will notify the Junior Academy participants when the Journal is published.

11. Newsletter (John Emerson)

John should use the next letter to advertise the newly elected and appointed board members. Additional information about the next lecture might be available. Natalie offered to help John with using the software.

12. NMAS Lecture Series (Michaela Buenemann by Jayne Aubele)

Jayne has been working with Michaela on the lecture series. Jayne is in favor of a planning to make the event once or twice a year. Penny Boston, director of NASA Astro-Biology, is available in March 2017 and will lecture at the NMMNHS. . NMAS pays \$250 to the Museum for extra staff needed during the lecture. Steve mentioned the success of Science on Tap and John described success of lectures promoted by several professional groups working together. Community interest, technical level, and applicability to the general public are considerations. NMAS continues to represent state-wide professionals as speakers. Malva recommended budgeting money for PR with local newspapers in 2017.

13. Museum Liaison (Jayne Aubele)

Jayne and Michaela had a joint project to list Museum projects on the NMAS website in 2014 and 2015. Jayne will provide information for Jason to add the same information to the NMAS website. Jayne distributed copies of the Voices of Science publication listing events at the Museum. There is a February 17, 2017 lecture at the Museum about the “The Sun, Moon, and Chaco Canyon.” NMAS is invited to distribute copies of the NM Journal “Sun daggers” at this lecture.

14. Public Relations/Community Relations (Anton Sumali)

Anton reported by phone. Anton is asking NMAS board members to help judge at the UNM regional science fair. He will notify the board members about the specific process. Lynn will solicit judges for the NMJAS paper competition. Anton requested and will receive information

about membership numbers from Michael.

NEW BUSINESS

a. Research Symposium/Annual Meeting (Natalie Rogers Anne Jakle)

Anne Jakle, current Associate director of EPSCoR, attended the board meeting. Anne reported EPSCoR is the Established Program to Stimulate Research and was created late 1990s for states that do not have large population to qualify for other large NSF grants. Funds of \$20 million federal and \$4 million NM state money become the basis for the NSF Track One award EPSCoR is soliciting in a June 2018 proposal. The topic in 2017 will be Smart Grid Development. The NMAS annual meeting was being funded from overhead expenses in the EPSCoR grant past years... This year the grant proposal will contain the partnership with NMAS during the annual meeting. Michael suggested the inclusion of more professional development for the students in the realm of presenting oral talks or entering the professional work field.

NMAS normally arranges and pays a stipend to the keynote speaker. Anne questioned whether NMAS wants to continue participation with EPSCoR at the annual conference. NMAS presents Outstanding Teacher Awards (6-12), judges the poster competition, and moderates the oral presentations. EPSCoR helps with advertising the NMAS annual meeting. NMAS wants efforts to keep the programming of our annual meeting and teacher's awards in the forefront.

David Peters and Anne will create a MOU to define duties of EPSCoR and NMAS during the conference. March is the desired date for completion of a draft of the grant proposal."

b. STEM Symposium talk

This discussion occurred during Lynn's presentation of Junior Academy.

c. Update on NGSS.

House Bill 211 supporting NGSS adoption is in committee at the NM legislature. David will forward the website information to board members who should write supporting statements.

d. 2017 Budget Proposal

Michael prepared a printed proposal including 2016 income and expenditures, as well as 2016 proposed budget to use as a reference for 2017 proposed budget. The board reviewed each line item. Michael will provide the revised copy reflecting all changes. Michael suggests a revision of the membership form to help with tracking personnel. The board approved the 2017 budget proposal. (Shanalyn, Lynn)

16. Old Business

None

17. Review Action Items

Board members should review the minutes for action items which apply.

18. Adjournment

David adjourned the meeting at 1:30pm (Shanalyn, Natalie).



Malva Knoll