



NMAS Board Meeting

Date: August 11, 2018 10:00 am - 12:00 pm

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

Virtual Meeting Location: Call-in number: Cell phone Emerson

1. Call to order

2. Roll call

Attending at the Museum: Nancy Hurtado-Ziola, John Emerson, Jayne Aubele, Anton Sumali, Natalie Rogers, Richard Nygren, and Amalia Parra. Attendees by conference call: Malva Knoll and Kurt Anderson. Absent: Shanalyn Kemme, Lynn Brandvold. Guests: Dr. Deb Thrall, Peterson Moyo (appointed Director during the meeting).

3. Proof of quorum (Quorum is $\frac{1}{2}$ of 15 members) Present today 13 of 15. This includes newly approved director Peterson C. Moyo.

4. Approval of the agenda (John Emerson)

Agenda approved. (Kurt, Natalie)

5. Introduction of new Board Member (John Emerson)

John Emerson introduced Peterson Moyo. John recommended Peterson as an NMAS director noting his teaching experience and position as head of family. The board approved the appointment. (John, Richard)

Peterson C Moyo

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6. Secretary's Report (Malva Knoll)

a. Electronic Votes to Report since last meeting – none

b. Board Actions: Action by Treasurer (Michael, Lynn) to pay NMSTA grant \$3000. Malva notified all board members prior to the payment. Lynn wrote and delivered the check to NMSTA during a workshop held in Socorro July 23, 2018.

7. Approval of Past Minutes (Malva Knoll)

Malva presented and the board approved the previous meeting minutes as edited through emails from attendees. (June 2, 2018). (Malva, Nancy)

8. NM Science Teachers' Association Report (Dr. Deb Thrall)

Dr. Thrall gave a preliminary report on a NMAS \$3000 grant for Next Generation Science Standards (NGSS) training. She distributed it in written form through email. See attached

document. Dr. Thrall is a 17 year Board member, Treasurer, and Past President of New Mexico Science Teachers' Association. Dr. Thrall introduced Ellen Loehman as her co-director of the "Train the Trainer" model of the NMSTA program to provide professional development for NGSS implementation. The program is titled "Jump Start NGSS-Science Saturdays." The board approved fund transfer when Dr. Thrall requested reallocation of initial funds in order to use excess travel funds from the first meeting for future workshops. Michael requested information so that he could facilitate more workshops and funding for school science equipment. Michael suggested a presentation of NGSS Training at the NMAS annual meeting on October 27, 2018. Anton recommended contacting Dr. Hy Tran at Sandia National Labs for soliciting fellow engineers to participate in teacher training.

9. Treasurer's Report (Michael Gonzales)

Michael reported that the last two months had little in the way of expenditures and income. Michael did authorize Lynn to write the \$3000 check and deliver it to NMASTA during training in Socorro on July 2018. Michael now logs into the portal from Los Alamos National Labs for automatic deposits to the NMAS bank account. United Way ABQ is also automatically deposited. Endowment grew \$450 this last quarter. We have used money from savings and not the endowment for grant expenditures. Michael reported on the NM taxes were pending with the Secretary of State. When Vince left as treasurer, he did not file tax forms including updated board rosters. Michael has corrected the problem and NMAS is now up to date on NM state taxes. Michael reported on an anticipated lack of support by Sandia National Labs for NMAS Junior Academy and provided a separate account of NMJAS.

NMAS Treasurer's Report (June 1, 2018 - July 31, 2018)

Current Accounts	12/31/17	3/31/18	6/01/18	7/31/2018
Checking	\$6,187.57	\$5,351.24	\$1,510.24	\$2,029.24
Share Account	\$5.00	\$5.00	\$5.00	\$5.00
Savings	\$11,859.59	\$11,863.96	\$11,865.42	\$8,870.26
Endowment	\$43,179.90	\$44,271.17	\$43,920.09	\$44,369.13
PayPal	\$1,183.22	\$1,256.16	\$1,280.13	\$1,280.13
Account Totals	\$63,165.27	\$62,747.53	\$58,580.88	\$56,553.76

Notes:

- 1. The PayPal amount that was stated for 6/01/2018 was corrected from \$1280.30 to \$1280.13. There were no new memberships, donations or registration income these past two months.**
- 2. \$3,000 was transferred from Savings to Checking to cover the donation made to NMSTA to assist with NGSS teacher training.**

INCOME

NMAS Income

1. \$889 in checks deposited from LANL for NMAS-Outstanding Teacher Award.
2. The endowment grew \$449.04 from March 31, 2018 through June 30, 2018. The attached report is the latest document received from the Albuquerque Community Foundation and reflects our account through the end of June 2018.
3. Received \$30 from United Way Albuquerque via direct deposit.
4. NMAS savings account received interest in the amount of \$3.33

Total Income for NMAS June 1 - July 31, 2018 was \$1371.37.

NMJAS Income: None to report at this time.

Total Income for both NMAS and NMJAS for Q2 was \$922.33.

EXPENSES

NMAS Expenses

1. \$3000 to the NM Science Teacher Association for NGSS training.
2. **Total NMAS Expenses were \$3,000.**

NMJAS Expenses

NMJAS budget was \$4,479.34 as of May 31, 2018.

2018 NMJAS

Accounting for NM Jr. Academy of Science		
NMJAS INCOME	Proposed for 2018	Actual
Funded by NMJAS-directed income Sandia Labs	\$4,000.00	
NMJAS Entry Fees	\$300.00	\$535.00
Funds carried over from previous year		\$8,338.42
Donation/ Transfer for NMAS		
TOTAL INCOME FOR NMJAS	\$4,300.00	\$8,873.42
NMJAS EXPENSES	Proposed for 2018	Actual
Advertising	\$0.00	
Refreshments for judges (7 competitions)	\$200.00	\$70.91
Office supplies, postage, etc.	\$350.00	\$198.50
AWARDS		
NMAS Board Supported Awards		
Sandia Lab Grant Awards	\$4,000.00	\$3,350.00
Regional Directors	\$1,250.00	\$1,250.00
Conference Expenses: (breakdown below)		
Registration for one student AJAS Conference	\$800.00	
Registration for one chaperone	\$1,200.00	
Airfare for one students	\$600.00	

Airfare for one chaperone	\$600.00	
Other travel expenses (ground transport, etc.)	\$200.00	
TOTAL AJAS CONFERENCE EXPENSES	\$3,400.00	
TOTAL EXPENSES, NMJAS	\$9,200.00	\$4,869.41
NMJAS EXPENSES LESS CONFERENCE COST	\$5,800.00	\$4,869.41

Note: If NMJAS brings in and spends the same amount of money in 2019, NMJAS will be short \$330.40. This amount was calculated by taking the NMJAS balance (\$4004.01), adding the 2018 NMJAS entry fees (\$535) and subtracting the total (\$4539.01) from the NMJAS total expenses (\$4869.41).

10. NMAS email Weebly account Issues with the website (Natalie Rogers)

Website Issues:

The website is back up in working order. Natalie now has access to all parts of the NMAS digital world (except the Face book page—someone else will have to take up that mantle via Jason).

NMAS domain is paid through October 2019, and Michael has made sure our website will remain paid and up and running. Natalie's suggestion is to keep the current provider on the website until next year, when we can discuss moving the domain to Google and redesigning the website. There is a suggestion of researching Southwest Cyber Port who works with local non-profits. Michael tracks membership through the receipts from Pay Pal.

10. Da Vinci and Space Lecture – August 24 (Jayne Aubele)

John thanked Natalie and Amalia for setting up a display table at the Da Vinci Lecture on behalf of NMAS last month. Jayne gave a full report on the \$1750 NMAS grant for a lecture by Dr. Gary Rosenberg. There were 100 people in attendance. The Museum used \$1500 for all expenses hosting the lecture and giving a \$200 honorarium to the lecturer. The remaining \$250 in the grant was spent on the First Friday lecture event on Da Vinci and Earth Science. Jayne requested help from NMAS to advertise the Friday September 21 and 22 events on Chasing Pluto which includes a teacher workshop.

The NMAS sponsored lecture by Dr. Penny Boston scheduled in August has been advertised by the Museum and details are being completed. John Emerson requested an email distribution of this event through mail chimp. The museum keeps track of free ticket give-away through Constant Contact. Jayne will share advertisement flyers with Steve Jett for publication by NMAS.

11. NMAS Symposium – October 27, 2018 (Natalie Rogers)

The Symposium will be on October 27th at the Sheraton Airport. Selena Connealy and Natalie are working on flyers and recruitment and planning. The New Mexico EPSCoR Strategic Planning Meeting will take place on August 22–23, and they will announce the grant there. It would be great to have a Keynote Speaker lined up by then, but not 100% necessary. The official call for proposals and open registration will begin September 4th. Deadline for abstracts will be October 1st, registration will close October 19th.

EPSCoR is asking for this support by the NMAS Board:

- Keynote Speaker: confirmation by Aug. 22nd, but if not, by the time registration opens on September 4th so EPSCoR can use it in advertising John is researching Dr. Melanie Moses from the UNM computer department. She works through the Southwest Indian Polytechnic Institute. (SIPI).
- Videos: This year EPSCoR is creating videos to send out in the month of September (one per week) that relate to presentations, abstracts, and posters. Chelsea Chee is making one on presentations, Natalie has one on posters, and we are asking one or two additional board members to make one or two on abstracts and one other topic if possible. The due date for the first video would be August 31st. It would be a recorded webinar (with slides, as if you're presenting it live) no more than 15 minutes long. We can provide the webinar/recording service if you don't have one.
- (Amalia and Nancy will film the videos needed by EPSCoR. Richard Nygren suggested soliciting help from professionals to give comments to the student presenters after their oral presentations, which would be a job for the moderators.)
- Natalie is concerned about having observers present to see the presentations. She does not want to detract from the speaker presentations by having other events at the same time. She considers PR from NMAS and other organizations an important aspect of the success of this annual meet. She is also interested in giving the presenters an opportunity to speak in public rather than concentrate on the technical aspects of each presentation.
- Advertising: Natalie will make a flyer but it is up to the board members to help recruit people outside the EPSCoR bubble. This includes students from Sandia Labs and NMSU in particular, as well as tribal and community colleges where you may have contacts. EPSCoR **may** have funding for travel for some students outside Albuquerque.

New Business

March for Science (Amalia Parra)

- A. Phone call on June 18, 2018 with Caroline Weinberg (Interim Director of March for Science)
 - a. The National Organization provides support to partner organizations.
 - i. Help with networking
 - ii. Advertise local events at the national level
 1. This is a good way for traveling scientists to find events around the nation
 - b. Association with several organizations including
 1. Union of Concerned Scientists: Group of scientists and engineers dedicated to addressing problems such as global warming and the possibility of nuclear war as well as advancing racial equality
 2. SACNAS: Society aimed at promoting diversity and inclusion at all levels in science to train the next generation of scientific leaders
 3. The organization is also involved with other groups that normally do not unite to support science. (e.g.: Farmer's Association, Teachers association)
- B. Meeting on June 22, 2018 with Valorie Aquino, member of the National M4S Board of

Directors and UNM anthropology graduate student.

- a. Valorie also works with the Advancing Women in Science Organization
 - i. Other organizations they work with:
 - 1. New Mexicans for Science and Reason
 - a. Mark Frazier (CNM instructor)
 - 2. Humans of New Mexico (Based on Humans of New York)
- b. The local organization would like to focus on more than just science. Other things include; art and music a fun activities to promote involvement
 - i. Somos Albuquerque: City-wide festival aimed at highlighting the great things ABQ has to offer a way to promote family events and bring/ retain talent
 - ii. The organization has worked with Amplifier Art
 - 1. Group dedicated to supporting social change through art
 - a. Provide free, downloadable posters
 - i. Science superhero posters
- c. Setting up a partnership with the local organization can be done, does not require an MOU or a fee but is usually includes a small donation to M4S
 - i. The MOU can happen three different ways
 - 1. No MOU
 - 2. Modified MOU
 - 3. Regular MOU
- d. The local organization would like to have a speaker series that involves indigenous scientists (currently looking for speakers) Mentioned some UNM scientists/STEM students Science Cafes
 - i. Facilitate scientific talks at different venues. Guild Cinema is one potential place
- e. Twitter Chat
 - i. Find different speakers and host an open session on Twitter
 - 1. Speakers from different areas/with different expertise
 - a. Currently looking for speakers

Does NMAS want to participate in the 2019 March for Science? NMAS did participate in the March for Science the first year, but the following year the event was cancelled. Richard Nygren suggested using this event as a method to help elementary school teachers learn more about Science. Dr. Thrall suggested partnering with NMSTA.

Michael suggested that NMAS participation in March for Science includes too many political advocates who are dealing less with science than supporting a political agenda. There is more discussion about immigration and support for problems with Puerto Rico.. Working with political leaders at a discussion table is a better way to accomplish interest in science and workforce entry for minority populations. Richard Nygren suggested the audience who knows legislative calendars is important for NMAS participation as a disseminator of Science information. Michael challenged the board to determine: What does NMAS want for itself? There was opportunity to participate in Science Fiesta, and a NSF STEM H project. There is also STEM NM sponsored by TV station KNME

Standing Committee Reports

NM Junior Academy of Science (Lynn Brandvold)

No report at this time.

National Youth Science Camp (Richard Nygren)

Richard reported on efforts to obtain information from the Camp participants to use for NMAS advertisements. Dr. Thrall suggested posting this event to the Math Science Calendar maintained by NMSTA

Teacher Awards Program (Deb Novak and Jayne Aubele)

Jayne reported it is difficult to obtain nominations. One nomination remaining from last year will be included in the 2018 competition. There are still very few nominations. American Chemical Society still presents a cash award. Jayne will send information to NMSTA Spectrum through contact Ellen Loehman. There is one applicant remaining who was not considered last year.

NM Journal of Science (Natalie Rogers)

Natalie will update the PDF of student paper requirements for Lynn and the Jr. Academy participants.

Newsletter (Stephen Jett)

Natalie will send Stephen the correct passwords for the updated website information.

NMAS Lecture Series (Jayne Aubele)

There are currently 90 people pre-registered for the Dr. Penny Boston lecture. Jayne will reserve seats for Museum volunteers.

Public Relations/Community Relations (Anton Sumali)

Anton suggested working with Dr. Hy Tran to solicit SNL engineers as volunteers for science demonstrations.

Old Business

Conference Calling (John Emerson)

John did not have success with finding a provider. John will research the recommendation by NMSTA who has success with Zoom. Zoom has accounts with New Mexico's Universities

Closure

The next meeting will be September 29, 2018. The topics will be limited to the discussion about NMAS goals and participation in the March on Science. There is also time allocated for items relating to the annual meeting on October 27, 2018.