



New Mexico Academy of Science

Board Meeting Minutes

September 25, 2021 10 am – 1 pm

Virtual Meeting Location: Zoom

<https://us02web.zoom.us/j/86999388632?pwd=MFllcDhMeXNMY0MzMWtuK082VjUzZz09>

Meeting ID: 869 9938 8632 Passcode: 309449

Agenda Items

1. Call to order

2. Roll call Introductions of Members P= Present A =

Gurler, Gretchen A	Knoll, Malva P	Cecilia Hernandez P	Aubele, Jayne P	Vladislav Sevostianov P
Sumali, Anton P	Thrall, Deb P	Showalter, Margaret P	Rock, Rod A	Cecilia Hernandez P
Chalamala, Babu P	Liu, Zhiming P	Brandvold, Lynn P	Ellen Loehman A	Christy Krenek A
Brittney Van der Werff EPSCoR guest P				

2. Proof of quorum (11 present)

3. Proof of quorum (11 present)

4. Approval of the agenda

The board approved the agenda including a request to move Journal of Science report to first Standing Committee report. (Malva, Deb)

5. Secretary's Report (Malva Knoll)

The board approved the minutes of the previous meeting, June 19, 2021. (Malva, Deb)

6. Treasurer's Report (Deb Thrall)

Deb started her report by introducing Dr. Cecelia Hernandez the newest board member. Deb provided a written report. NMAS has available \$1767 + \$48 = \$1815 from the endowment funds for spending on NMAS projects. The board approved the treasurer's report. (Deb, Jayne)

2021 NMAS BUDGET			
Current Accounts	1/1/2019	1/29/2021	9/23/2021
US Eagle - Checking	\$6,697.54	\$2,527.69	\$5.00
US Eagle -Share Account	\$5.00	\$5.00	
US Eagle -Savings	\$8,878.82	\$1,913.02	

US Eagle - Savings - Restricted to NMJAS			
Nusenda - Checking		\$9,336.55	\$15,704.72
Nusenda - Savings		\$3,729.09	\$3,731.53
ABQ Community Foundation - Endowment	\$42,929.51	\$47,079.12	\$60,751.24
ABQ Community Foundation - Donor Fund			\$1,652.14
PayPal	\$1,472.20	\$23.97	\$41.69
Account Totals	\$59,983.07	\$64,614.44	\$81,886.32
		\$3,228.91	
Actual Expendable Total		\$61,385.53	\$81,886.32

Standing Committee Reports (as needed)

7. NM Journal of Science (Vlad Sevostianov)

The journal is in the peer review process for 4 papers at the University level along with other student papers. NMAS will have a smaller journal this year than last year. Vlad reached out to the Library of Congress where NM Journal of Science has a registered number with the library for a print version of the journal. Vlad will re-apply for the on-line registration number for the current on-line journal. Vlad responded to questions submitted at the last NMAS board meeting. He feels it is important to have a full journal and also pdf's available to view single articles. The formatting for all versions will be the same for the authors. The editor of the journal will continue to have the responsibility of taking on the duties of publishing the current journal and indexing and scanning past issues of the Journal. The Journal editor is the committee chairman and serves with the NMAS President to manage the publication of the journal. The NMAS board of directors' acts in an advisory position. Vlad is receiving help from Duncan Lee, as an assistant editor. Anton will continue working with Adelante a volunteer organization that does have the scanning ability for past issues of the Journal. The publication deadline goal is December 2021 although it may be delayed. Jr. Academy of Science winners from 2021 have not yet accepted an invitation to publish in the journal.

8. Annual Meeting (Brittney Van der Werff)

Britney is the contact for all NMAS actions on the annual meeting and symposium. She provided a brief schedule of the planned annual joint conference with UNM EPSCoR from November 8-12, 2021.

Monday 7 PM – opening keynote Dr. Larry Crumpler. Research Curator of Space Science at NM Museum of Natural History & Science. Dr. Crumpler is also a team member on the Rover Perseverance, planet Mars mission.

Tuesday Virtual Poster Session

Wednesday NASA EPSCoR panel discussion; Virtual Posters Open

Thursday Veterans Day Poster Session Open, no events planned

Friday PM New format of 3-minute presentation pieces by students. NSF required students to use this format. Awards ceremony for both students and the NMAS outstanding teacher.

Abstract submission due October 11, 2021

Notice of acceptance October 18, 2021

Poster submission October 29, 2021

General registration closes November 4, 2021

EPSCoR will use a platform called Gather Town which is a virtual space that incorporates Zoom for this virtual conference. . Brittney is asking for a commitment by NMAS to solicit judges who can work from Tuesday to Thursday. One week in advance of the conference judges will be required to attend a training session using the software.

Next steps for judging: . Brittney will prepare information so that NMAS can solicit judges to include: level of presenters (graduate, under-graduate), estimated time commitment, topics of presentations, number of posters per judge. Anton requested that she give a 1 day and a ½ hour reminder to judges on the day of training and judging the posters. Malva will distribute the information to board members with a deadline of October 14, 2021 for soliciting judges. Brittney will send a doodle pole for the training session to judges prior to the training date. The EPSCoR web site team will need biography, talk title, abstract and photo by October 14, 2021 for the keynote speaker as well as information about the NMAS teacher award winner. UNM is attempting to partner with other EPSCoR entities (DOE, NASA) and others for this conference. The UNM Center for Water and the Environment is proposing a techno- economic workshop with the conference. Details will be worked out with the conference planners at UNM. These groups can be a source of judges.

From the Chat Room: Brittney Van Der Werff to Everyone: I would like to recommend Canva for marketing. It makes creating attractive graphics & images easy just FYI

9. NM Junior Academy of Science (Lynn Brandvold)

Lynn had no current reports for the Jr. Academy. Last year the award prizes were increased by the board to these amounts. NMAS will not make any further increases in the 2021-2022 school year awards.

• Regional Awards	State Awards
1 st place \$200	1 st place \$350
2 nd place \$150	2 nd place \$250
3 rd place \$100	3 rd place \$150

State Science Fair at New Mexico Tech, Socorro, NM is scheduled for April 2, 2022. The new Director will be updated by Lynn on JAS this week. NMSU region in South West region was cancelled last year and there is no information about their plans for this school year. Lynn announced her plans to retire as the State Director of the Jr. Academy at the end of this year.

10. National Youth Science Camp (Margaret Showalter)

The criteria for the applications to NYSC will be distributed closer to January. There is no current information.

11. Teacher Awards Program (Jayne Aubele)

Jayne re-checked the NMAS.org website where she found all information on the application to nominate a teacher to be correct with a "DEADLINE EXTENDED" NOTATION of October 8, 2021. Margaret reported that the Air Force Research Lab is doing STEME awards. It is well advertised. NMAS needs more PR on its programs. Malva will prepare a news e-blast for NMAS members with the solicitation. Cecilia will send out information to her NMSU staff in Las Cruces as soon as it arrives. .

12. Newsletter (Ellen, Malva)

Christy Krenak will be notified she should provide a biography for the NMAS newsletter. Malva will send an email blast to all NMAS members with these items: 1. Call for Outstanding Teacher Nomination 2. Call for NMAS members to judge the annual meeting poster presentations with EPSCoR 3. Call for volunteers to serve on the NMAS board of directors. 4. SCIENCE is BACK notice after Covid-19 closures during 2021.

13. NMAS Lecture Series, Museum News (Jayne Aubele)

Shirley Dyke, of the University of Purdue with Research Interests in: Structural Dynamics and Control, Cyber-physical Systems, Machine Vision, Real-time Hybrid Simulation, and Resilient extraterrestrial habitats showed an interest in speaking at the annual meeting. Brittney will solicit her response to interest in giving a lecture in Albuquerque to be co-sponsored by the NM Museum of Natural Science & History. This would be a re-boot of previous year's NMAS activities. The lecture would take place between January and March. Dr. Dyke's information is available at:

<https://www.google.com/search?q=shirley+dyke&og=Shirley+Dyke&ags=chrome.0.0i355i512j46i512j0i512j0i22i30l2j69i60l2j69i61.342j0j7&sourceid=chrome&ie=UTF-8>

14. Public Relations/Community Relations (Babu Chalamala)

Babu offered to make a presentation at the United Way presentation for Sandia National Laboratories to solicit NMAS members and call for donations through the United Way. He is soliciting information for his presentation from all board members. Babu will also reach out to personnel at Los Alamos Laboratories.

Malva will draft a strawman letter to scientists, professionals, and educators concerning NMAS support for student and public centered science activities supported by NMAS. Everyone needs a reminder that we can't delay science education projects another year. Covid restrictions have already put us behind in science methods education.

15. Old Business

Malva will not be the Albuquerque, Central Region director for the Jr. Academy of Science. Daniel Appel refused the invitation to be Central Region JAS director. This position is still open. Lynn's position as State Director of Jr. Academy will be open. A Director at Large and Vice President and Newsletter Editor are needed for 2021 ballot. The ballot must be published 30 days in advance of the result announcement. Jayne suggested contacting Donovan Porterfield as a candidate. He declined 2 years ago but can be re-approached.

16. New Business**17. Review of action items (See highlighted text above)**

Next board meeting NMAS: DECEMBER 11, 2021 10 am Zoom link to be forwarded.

18. Adjourn