

Friday, 9 July 2021 - 9:00 A.M.

NMGS Executive Committee Meeting Minutes – Q3 2021

Held online via Zoom video conference due to COVID-19 Pandemic

Reported by Kevin Hobbs

Attending

Dan Cadol
Adam Read
Kevin Hobbs
Shari Kelley
Brian Hampton
Shannon Williams
Scott Baldrige
David Lemke
Bonnie Frey
Dan Koning
Susan Lucas-Kamat

Open Meeting:

1. Called to order at 09:05 A.M. by Dan Cadol.
2. FFC Update
 - a. 2021 Mt. Taylor (Bonnie Frey, Shari Kelley): Bonnie is working on budget; difficulties arise due to vendors closing/not responding, likely due to COVID-19. Shari and Bonnie are scrambling to get the road log to the printers ASAP so that they will be available by the conference. Bonnie needs a price nailed down ASAP. Bonnie thinks the permit for access from Laguna Pueblo will be approved, but it's still up in the air. Bonnie emailed the EC the budget spreadsheet yesterday and asks for comments/suggestions. All three nights will be hosted at the Grants municipal golf course. Gluten free options might be hard to come by this year due to supply chain disruptions related to COVID-19. 25 rooms are reserved at Quality Inn and Days Inn in Grants. Hotel breakfasts are not available, so Bonnie has arranged breakfast burrito deliveries from Gabby's Café in Grants. Supper on 16 Sept will be from Whole Hog Café in Albuquerque. 17 Sept supper (Banquet) will hopefully be from La Ventana Steakhouse in Grants, but the owner of that establishment is having a hard time getting workers.

Guidebook discussions: how many guidebooks are needed? Nobody seems to know for certain. Past FFCs got 250 to 350 guidebooks. Can the Trager (sp?) fund be used to pay for FFC Guidebook costs?

Shannon motions that the EC set the registration cost at \$350 and spousal price at \$285. Kevin seconds, the motion passes unanimously. The registration price is set at \$350 and spousal price at \$285.

- b. 2022 Socorro (Dan Koning): 2022 Socorro FFC planning is proceeding nicely. Day 1 will be at the Quebradas. Day 1 barbeque will be at Escondida Lake State Park or NMT Golf Course. Day

2 will be west of Socorro, either in Chupadera hills or in Nogal Canyon, similar to the 1983 FFC. Day 3 will be at San Lorenzo Canyon. Pre-meeting field trip will be in Little San Pascual Mountains in Bosque del Apache NWR.

- c. 2023 SE NM: No report given.
3. Spring Meeting 2022 (Dan Cadol): The 2022 NMGS Spring meeting will be held jointly with the Ft. Stanton Cave Science Conference on 7-9 April 2022 in Socorro. ON Thursday, the Macey Center meeting will be focused on the Ft. Stanton Cave Conference. Friday will be at Macey Center an focused on the NMGS meeting. There is potential difficulty arising due to how to schedule registration for the meeting. Since it is split between two organizations (Ft. Stanton Cave Science Conference and NMGS), Adam Read will have to work with Connie Apache on setting up the registration. 2022 Spring Meeting schedule attached as Attachment 1.
4. Webmaster Report (Adam Read): Report attached as Attachment 2. Adam Read gives detailed description of the DOI system and proposes that the NMGS adopt the DOI system at a cost of \$275 per year. Kevin and Scott voice support, but no vote is taken.
5. Publications Committee Report (David Lemke): Report attached as Attachment 3. Sales are improving over last year, but still not up to where they were pre-COVID-19. The NMBG bookstore's re-opening in Spring 2021 is the main reason for the increase in sales.
6. Discussion of videography workshop and future directions (David Lemke):
7. Scholarship Committee Report (Susan Lucas-Kamat): Report attached as Attachment 4.
8. Proposed new outreach committee discussion (Dan Cadol): Brainstorming session to help to define what the committee might be. Notes attached as Attachment 5.
9. Other business: Shannon Williams announces there are plans for a 2024 NMGS FFC conference in Albuquerque.
10. End of open meeting 11:29 A.M.

Closed meeting

1. Dan Cadol calls meeting to order at 11:40 A.M.
2. Approval of minutes (Dan Cadol). Dan motions, Shannon seconds, and minutes are approved.
3. Secretary Report (Kevin Hobbs): Unfinished business regarding David Lemke's request for funding for a videography workshop in 2022. The group decide to ask for a deliverable product in the form a video after the 2021 FFC and will make a decision on an addition workshop after reviewing that product.
4. Treasurer Report (Brian Hampton): Kevin and Brian were added to the Nusenda Account during Q2. Kevin will become Treasurer in 2022.
\$30547.51 in Checking; \$31478.14 in Savings as of July 9, 2021.

There might be a large credit from the NMGS Foundation coming soon, but it appears that it hasn't been deposited yet.

5. Vice Presidents Report: (Scott Baldrige): The FFC Committee has been working with Scott to make sure the FFC is COVID-safe. The Foundation continues its work and will meet next week for Q3.
6. President Report: (Dan Cadol) Dana will be okay with \$2,000 for preparing the FFC Guidebook. She was paid \$6,000 last year for the special pub.
7. Past President Report (Shannon Williams): nothing to report.
8. Schedule 4th quarter meeting: In conjunction with 2021 FFC.
9. Call for discussion: Brian mentions that we need to start finding a new FFC Guidebook editor very soon since Dana Ulmer-Scholle is retiring. It might be difficult to find a new editor that is familiar with the NMGS's needs.

Who will be on EC next year: David Lemke? Let's come up with a list of names prior to next meeting.

10. Dan moves to adjourn, Scott seconds the motion. Meeting adjourned 12:30 P.M.

Second Quarter 2021 Executive Committee Email Business

30 April 2021: Susan Lucas-Kamat asked the EC if the Welnitz scholarships for grad students were awarded in 2020. Dan Cadol replies yes and lists the names of recipients from NMT, NMSU, and UNM.

4 May 2021: Susan Lucas-Kamat notified the EC and Adam Read that the NMGS grant-in-aid/scholarship web interface experienced email problems again last week. Adam Read was notified of the issue. As a stopgap, Susan Lucas-Kamat emailed students, advisors, and school scholarship contacts.

5 May 2021: Connie Apache emails the EC that the NMGS received a \$50.00 donation today and provided an updated spreadsheet of recent donations.

5 June 2021: Dan Cadol emails the EC with a detailed plan that the FFC Committee devised for the upcoming Mt. Taylor FFC (15-18 September, 2021). Dan Cadol asks for discussion, which ensues via email. After discussion, Dan Cadol **motions** to accept the 2021 FFC plan as provided. The motion **passes** unanimously.

23 June 2021: Bonnie Frey (co-chair of the 2021 Mt. Taylor FFC) emails the EC and co-organizers of the 2021 FFC with clarification on the letter to be sent to NMGS members re: the 2021 FFC. There is discussion among the EC and FFC organizers re: whether or not to require proof of COVID-19 vaccination to attend the 2021 FFC. In the end, Bonnie's original letter which strongly recommends but does not require COVID-19 vaccination to attend the 2021 FFC is accepted by the group.

24 June 2021: Bonnie Frey emails the EC to inquire about pricing for the FFC (when does she need to have a firm price set?) and about pricing/payment for the guidebook (since the guidebook is split over two years – an NMGS special publication last year and a typical FFC guidebook this year – how will costs be divided and covered?). There is concern that since FFC attendance is limited to 100 this year, the guidebook will be prohibitively expensive if the cost is borne only by FFC attendees (the overall cost of the guidebook is the same, but is spread among only 100 buyers rather than the typical ~300). Dan Cadol replies that Dana Ulmer-Scholle (editor/arranger for the guidebook) asked for \$8,000 to prepare the Mt. Taylor FFC Guidebook. She has already been paid \$6,000 for last year's special publication. He thinks that NMGS will still owe Dana \$2,000 plus any additional page charges for the 2021 FFC Guidebook. Dan Cadol suggests that the NMGS cover the \$6,000 for last year's special publication (i.e., not pass that cost on to attendees), but have 2021 FFC attendees bear the cost (\$2,000 + additional page charges) of the 2021 guidebook.

29 June 2021: David Lemke emails the EC and Bonnie Frey to begin discussion of an online workshop for videography in the geosciences made available to NMGS members. It will be offered in mid-August 2021 and will be given by Bob Stern of UT-Dallas. David asks the NMGS EC to support the sponsorship of this online presentation. No discussion ensued as of 8 July 2021.

1 July 2021: Susan Lucas-Kamat emails the EC to ask if anyone has reserved the Macey Center for the 2022 Spring NMGS meeting. Dan Cadol replies that yes, Macey Center is reserved for Thursday, 7 April and Friday, 8 April 2022.

1 July 2021: Dan Cadol sends a draft agenda for the 3rd Quarter NMGS EC meeting and asks for additional agenda items. The meeting will be held via Zoom.

Attachment 1

2021 NMGS Spring Meeting / Fort Stanton Cave Science Conference (April 7-9, 2022)

1. 2021 NMGS Spring Meeting Theme – Caves and Karst
 - a. International Union of Speleology – 2021 (now extended to 2022) is the International Year of Caves and Karst (<http://uis-speleo.org/index.php/2021/04/13/the-international-year-of-caves-and-karst-extended-to-2022/>)
 - b. Karstic landscapes are common in New Mexico, and several regional aquifers in New Mexico are characterized by karst features and processes. In addition, New Mexico is home to the following world class caves – Lechuguilla, Carlsbad Cavern, and Fort Stanton Cave.
2. Fort Stanton Cave Science Conference – Focused on science and exploration of Fort Stanton Cave, Lincoln County, NM.
 - a. The discovery of Snowy River Passage in 2001 has resulted in Fort Stanton Cave being a world class cave.
 - b. There is a lot of on-gong science in Fort Stanton Cave, including hydrology and paleoclimate research.
 - c. In celebration of the 20th anniversary of the discovery of Snowy River Passage
3. Schedule
 - a. Thursday April 7 –
 - i. Morning - Fort Stanton Cave Science Conference – Talks at Macey Center
 - ii. Lunch provided
 - iii. Afternoon – Fort Stanton Cave Science Conference breakout sessions – Focused on collaboration of scientists and cave explorers.
 - b. Friday April 8
 - i. Morning – 3 concurrent sessions
 1. 2 NMGS morning sessions in Macey Center (Paleontology, hydrology...)
 2. Ft. Stanton Conference Cave concurrent session
 - ii. Lunch not covered
 - iii. Afternoon
 1. 2 or 3 concurrent sessions, including a more general Cave and Karst session
 2. Posters and beer – both general NMGS posters and Fort Stanton Cave focused posters
 - c. Saturday April 9th – Ft. Stanton Conference Field Trip

At this point in time, we think it would be great if there is just one registration site, and people can mix and match the 3 different days however they like.

Printed abstracts+field trip guide?

----- END OF ATTACHMENT 1 -----

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Attachment 2

NMGS Webmaster Report

Adam Read
9-July-2021

Spring Meeting:

I had discussions with Talon Newton, Dan Cadol, and Connie Apache about the possibility of combining the Spring Meeting. I think that we should be able to pull it off if we can streamline the financial entanglements.

Fall Field Conference:

It looks like there will be just enough time to get the registration forms working before registration is set to open on August 2nd. I still need prices, and the T-shirt design image.

Metadata Tool:

I've created a tool that can semi-automatically populated metadata fields (title, author, description, copyright, etc.) I applied this tool all Bureau and NMGS publications. PDF metadata gets used as text in search results, which have greatly improved on both websites. However, there are a number of NMGS PDFs related to guidebooks that are not papers. Most of these are guidebook introductions plus the table of contents. I'll need to fix these too.

DOI System: (<http://www.doi.org/> and <http://www.crossref.org/>):

The Bureau is considering subscribing to the Digital Object Identifier (DOI) system and NMGS should consider using it too to keep both systems synchronized.

The DOI system maps digital objects (like PDF files) to particular URLs. If we decide to rename our web server (or change URLs), the DOI system allows future researchers to find a cited document. We'd have to pay a \$275 annual fee for this service and a small fee for each document identifier. Back files (old publications) are cheaper.

Ongoing:

- The NMGS website has automated News, Events, and Announcements functions. If there is anything new that should be posted, please let me know. It is also possible for EC members, with permission, to create postings via a web form.
- New banner pictures, especially of NM, are welcome. It is also possible for any member, with permission, to create postings via a web form.

-----END OF ATTACHMENT 2-----

ATTACHMENT 3

NMGS Publications Report

2nd Quarter 2021 NMGS EC Meeting

David Lemke

Publications Committee Chair

July 9, 2021

- • **Q2 2021 Publication Sales** o Sales are still lower than past years, but with the bookstore open for business, they are continuing to improve. Sales totaled \$2745.25 for the quarter, compared with \$1347.18 last year and \$6797.82 in 2019. See the attached charted table and chart for details.
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- • **Tom Giordino manuscript on History of Geology Program at NMSU 1890-2015** o Things are in a holding pattern until I get a bit of time to get a layout version to send to Shari Kelley to review. I expect sometime next month to get that done.
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- • **Fall Field Conference video** o At the end of the video workshop in May, there was a discussion about possibly creating video recording of presentations at the stops during this year's FFC. Shari and Bonnie have agreed that it can be done. I need buy in from the EC to proceed. I expect there to be no cost to NMGS, just a bit of change for presenters with the use of wireless microphones and recording equipment.
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- • **Video in geoscience workshops** o An outcome of the May video workshop was a plan to expand the presentation of video in geosciences to folks beyond the original group. We have gotten Bob Stern of UT-Dallas to agree to give a presentation to an online audience in mid-August. This will be a seed presentation that will hopefully elicit interest for two workshops that we would like to present at the end of the NMT winter break.
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- • **Reprint Guidebook 58 – Geology of the Jemez II.** o This very popular guidebook continues to be requested, but only CDROM versions are available. I propose consideration of a reprint to support the demand. However, we may have to consider something less expensive than \$50 per copy that the printer quoted.
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- • **Consolidate digital data for Fall Field Conference guidebooks** o I propose

that a project is organized that will collect all of the digital versions of the Fall Field Conference guidebooks and stored on a cloud-based file system. Perhaps build a centralized collection of information pertaining to the FFCs that seems to primarily be known by the conference leaders.

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- Publication sales analysis and potential future publication ideas o New ideas in progress:
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o I've continued work on a web-based version of NMGS Fall Field Conference road logs, but little progress since I'm otherwise occupied this summer.

o Guidebook 51, Geology of the Llano Estacado Day 1 is complete

o The Mt Taylor Day 1 Road log has been completed and available to review.

A decision needs to be made about how to make it available, if at all.

o I have really started to tread into areas that need some discussion, specifically about copyright, use of the NMGS name, etc.

NMGS Publications Sales Revenues

MONTH	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
JANUARY	\$2,591.67	\$3,988.20	\$2,379.22	\$2,367.07	\$1,771.00	\$2,307.00	\$1,579.26	\$1,882.50	\$3,444.55	\$1,243.01	\$1,466.03	\$340.51
FEBRUARY	\$2,090.13	\$2,010.19	\$2,566.62	\$1,633.94	\$1,690.00	\$1,105.00	\$1,354.00	\$679.76	\$2,140.53	\$1,048.07	\$2,012.55	\$717.55
MARCH	\$3,078.12	\$2,088.63	\$2,551.51	\$2,201.45	\$2,520.00	\$1,901.00	\$1,904.38	\$2,389.99	\$2,417.45	\$1,285.09	\$651.24	\$933.67
APRIL	\$2,297.26	\$1,806.45	\$2,010.97	\$1,445.16	\$3,046.00	\$1,644.76	\$2,248.35	\$970.65	\$1,864.12	\$3,225.13	\$224.00	\$1,005.58
MAY	\$2,774.45	\$2,252.63	\$2,812.58	\$1,122.27	\$1,175.31	\$1,532.84	\$2,006.41	\$2,471.03	\$1,550.61	\$2,065.91	\$775.18	\$1,028.36
JUNE	\$3,043.00	\$2,643.89	\$5,115.82	\$1,589.70	\$2,337.24	\$3,130.00	\$2,267.85	\$1,662.23	\$1,595.42	\$1,506.78	\$348.13	\$711.31
JULY	\$2,045.22	\$1,786.20	\$479.63	\$1,367.14	\$760.66	\$791.00	\$941.71	\$713.71	\$2,381.84	\$1,832.71	\$641.88	
AUGUST	\$1,398.94	\$2,936.96	\$1,508.33	\$1,941.97	\$1,462.00	\$1,765.00	\$1,226.29	\$2,146.36	\$1,613.12	\$2,247.25	\$641.88	
SEPTEMBER	\$1,814.25	\$1,721.58	\$1,459.50	\$1,338.45	\$3,452.83	\$1,671.00	\$1,867.03	\$1,706.84	\$884.90	\$644.80	\$549.38	
OCTOBER	\$5,315.99	\$2,530.60	\$2,529.64	\$2,171.25	\$1,542.98	\$2,568.00	\$2,940.90	\$3,242.30	\$9,036.58	\$2,868.17	\$549.39	
NOVEMBER	\$2,957.88	\$2,551.34	\$2,797.70	\$1,954.75	\$2,640.57	\$2,237.00	\$1,748.05	\$2,996.02	\$7,215.53	\$1,672.72	\$132.98	
DECEMBER	\$1,458.50	\$1,642.75	\$1,303.96	\$947.50	\$293.00	\$1,017.26	\$486.12	\$1,293.47	\$899.57	\$1,038.95	\$156.00	
TOTAL												
REVENUE	\$30,865.41	\$27,959.42	\$27,515.48	\$20,080.65	\$22,691.59	\$21,669.86	\$20,570.35	\$22,154.86	\$35,044.22	\$20,678.59	\$8,148.64	\$4,736.98

-----END OF ATTACHMENT 3-----

ATTACHMENT 4

NMGS Scholarship Committee Report

Susan A Lucas Kamat

09-July-2021

2021 Scholarship Budget:

I will send out an updated scholarship budget once the EC votes on the 2021 Mt Taylor FFC registration cost.

2021 FFC Scholarships and Stipends

The projected budget included 36 FCC scholarships and stipends. The 2021 FCC organizers have capped attendance at 100 people, and capped of student scholarships to 20 (including flaggers). NMSU-Grants, Southwest Indian Polytechnic Institute (SIPI), and Navajo Technical University (NTU) have been added to the FCC scholarship/stipend list.

Each community college/junior college will have 1 scholarship, except for NMSU-Grants which has 2 as the “hosting” school. All four (4) year colleges/universities will have 2 scholarship. Emails will be sent out to school contacts next week explaining the scholarship award process and setting the Scholarship Committee deadlines.

NMGS 2021 Scholarship Budget

Updated by Susan Lucas Kamat (April 29, 2021)

Funds available for scholarships

		Notes:
Funding, CY2021 NMGS Foundation	\$ 42,000.00	Amount determined by Foundation in Dec 2020
Funding, NMGS EC approval additional funds	\$ 1,400.00	Voted by EC in April 2021
Donation, Cearley Grants-In-Aid (2021)	\$ 5,000.00	
Donation, Cearley Geochronology	\$ 5,000.00	
Donation, Cearley Geochronology (2020 roll-over)	\$ 1,400.00	\$1,400 rollover from 2020
Donation, Cearley FFC Scholarships	\$ 5,000.00	
Donation, LAGS FFC Scholarships	\$ 2,000.00	
Donations, general membership spring scholarships	\$ -	2021 Spring Meeting donations actuals
Donations, general membership FFC scholarships	\$ 1,000.00	Based on 2019 donations

Total money projected: \$ 62,800.00
Total money received to date: \$ 54,800.00

Non-Competitive Awards Undergraduates Description	CY2021 PROPOSED			CY2021 ACTUAL		Guidelines
	Qty	Amount	Total	Qty	Total	
Lucille H. Pipkin Outstanding Senior Scholarship	6	\$ 500	\$ 3,000	6	\$ 3,000	ENMU, NMHU, NMT, NMSU, NTU, UNM. 1 outstanding senior per school. Student selected by school.
Lucille H, Pipkin Book Scholarship, Universities	7	\$ 300	\$ 2,100	7	\$ 1,950	ENMU, NMHU, NMT, NMSU, NTU, UNM, WNMU. Each school is allocated \$300 maximum for 3 undergraduates maximum. Individual book award maximum is \$150 per student. Student and amount selected by school. (As examples, a school can award 1x \$150 scholarship, or 2x \$150 scholarships, or 3x \$100 scholarships.)
Lucille H. Pipkin Book Scholarship, Community Colleges	7	\$ 150	\$ 1,050	7	\$ 1,050	CNM, DACC, Mesalands, NMSU-Grants, San Juan, SIPI, and UNM-Taos. Each school is allocated \$150 for 3 undergraduates maximum. Individual book award maximum is \$150 per student. Student and amount selected by school. (As examples, a school can award 1x \$150 scholarship, or 2x \$75 scholarships, or 3x \$50 scholarships.)
Outstanding Senior Western New Mexico University	1	\$ 150	\$ 150	0	\$ -	WNMU. \$150 award. Student selected by school.
			\$ 6,300		\$ 6,000	Total, non-competitive awards undergraduates

-----END OF ATTACHMENT 4-----

ATTACHMENT 5

NMGS Executive Committee
Outreach brainstorming session
July 9, 2021

Open scholarships for students, targeted to 2-yr schools. Competitive, student-submitted applications. Fall Field Conference scholarships and/or book scholarships. (Could be a fundraising pitch.)

Careers-in-geology presentations. Offered to community colleges, all universities. (Pre-packaged talks, available upon request. Have a list of members who are willing to present.)

Small pop-up field trips. one-day, contact faculty/student clubs, high schoolers (science teachers)

Collaboration with AIPG?

Web form for offering talks, or connecting requests with speakers.

Offer talks to Friends of Bosque/Sevilleta, or create joint events

-----END OF ATTACHMENT 5-----