



Annual Report for FY25

Submitted by Rory McFadden, President

Executive summary

In my role as the President of NAGT, I have promoted high-quality Earth education, supported current and future geoscience educations, and worked with the Executive Director and the Executive Committee to strengthen the financial health of NAGT and continue to support NAGT members and the broader geoscience community. I have served as president during a bustling time for NAGT. The NAGT leadership, especially the Executive Director, and the Executive Office have been developing many new policies and procedures to better serve our members, improve the onboarding and growth of new leaders, and developing new offerings or new models for professional development, and strengthening our fiscal health. Many of my goals and things I did over the last year intersect all of this work, but I did very little of the actual work. Look to the committee chairs, division leaders, section leaders, ExComm officers, the Executive Office, and the Executive Director. All of this work has happened because NAGT needs to function well so we can stand up for our people and our values: High-quality Earth education, diverse members, and equitable and inclusive teaching. The NAGT community showed their commitment to these values through an outpouring of donations to support the Early Career Workshop after the workshop's NSF funding was terminated. Now is a great time to join a committee and get more involved!

Detailed report

Goals for NAGT work over the past year

My goals for the past year were to:

- Strengthen NAGT professional development opportunities to better align offerings, enhance interest, and encourage leadership to support NAGT members careers.
- Work with the NAGT webinar series to develop a consistent number of high-quality webinars that lead to a cost positive series and better connect with other NAGT professional development events.
- Lead the search committee for a new ITT editor.
- Improve the functioning of the Executive Committee to help empower officers in their role as NAGT leaders and strengthen the working relationship with the Executive Director.

Progress towards goals: Participation and achievements as an officer of NAGT

- I attended the AGI-GSA associated societies meeting at GSA 2024. It was informative to meet with the leaders of other professional societies and better understand AGI's and GSA's perspective on issues such as publishing, AI, awards, and membership, especially regarding GSA's new approaches toward section meetings.
- As an Early Career workshop leader, I have been working with the Early Career workshop conveners to provide more opportunities to highlight the work of NAGT to



encourage membership and showcase NAGT community and materials that support geoscience educators throughout their careers. This year's workshop was special because it half the event was funded by donations from individuals (many past participants), institutions, and organizations. The financial support to make up for the termination of the NSF grant was deeply meaningful to workshop participants and leaders. This is the NAGT community I like to tell people about.

- I chaired the ITT editor search committee. Working the committee, we developed a position description, search process, and timeline, and then selected an ITT editor who will guide and grow ITT in its new digital format.
- I chaired the Miner Award committee and the Christman Award committee. Both awards went to highly deserving NAGT members. I also worked with the NAGT Executive Office to streamline some procedures.
- I attended a couple fireside chats: one on teaching with AI and one on holding ground for navigating DEI. Both chats showcased important issues in higher education and showed the importance of NAGT for supporting members and community.
- I also serve on the NAGT Finance Committee, Professional Development Committee, and the webinar series subcommittee.
 - On the Finance Committee, I have been involved with reviewing and supporting the FY26 budget and creating the NAGT reserve policy.
 - On the webinar subcommittee, I have helped develop awareness of the webinar series planning process for the committee members and I have shepherded webinars.
- Lastly, I presided over the Executive Committee meetings and planned the Executive Committee agendas with the Executive Director, secretary/treasurer, and the presidential line.

Progress towards goals: Other achievements and work relevant to NAGT

- I am a PI on the NSF grant The Math Your Earth Science Majors Need on developing co-curricular quantitative skills modules for majors-level undergraduate Earth science courses. This is a three-year project that has opportunities for many instructors to participate and share their expertise. The project connects with equitable and inclusive geoscience education and it includes collaboration with the Earthscope Consortium. During FY25, the project has led two NAGT webinars and a summer virtual workshop.
- Led workshops at the Hi-Tec conference (associated with Advanced Technological Education) on quantitative skills in environmental technology programs.
- I am recently starting a new NSF grant on Data Analysis for Investigating the Solid Earth with colleagues in structure, tectonics, and geophysics. We will be creating teaching modules that guide students through data analysis techniques necessary for graduate school and the geoscience workforce.
- I am submitted two NSF grant proposals (in July and September) that build on the foundation and successes of The Math Your Earth Science Majors Need



Goals for NAGT work in the next year

My goals for the next year are to:

- Continue to help NAGT strengthen their professional development opportunities to better align offerings, enhance interest, and encourage leadership to support NAGT members careers. As a SERC staff member, incoming Past President, and NAGT PD committee member, I am in a good position to help connect the range of NAGT PD
- Continue to help NAGT develop a sound fiscal and operations model. Serving on the Finance Committee gives me an opportunity to do this work.
- Help develop new NAGT leaders
- Fulfill the duties of the NAGT Past President