

National Association of Geoscience Teachers

2024 Annual Report

Prepared for the 2024 Annual Meeting

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NAGT Annual Report –2024 **Reginald S. Archer, PhD, GISP** President, Elected 2021

Contributions Towards Goals and Priorities

During my term as President, I am proud to report that we have successfully accomplished key goals we set out to achieve. Our primary objectives were to elevate the geoscience education community and secure NAGT's financial future.

Through the unwavering support and engagement of our members, we have made significant strides in enhancing resources and professional development opportunities. We worked to bridge the gap between the resources we provide and membership engagement, resulting in a more vibrant and active community. For example, in an effort to be more inclusive and cost-effective, we transitioned the NAGT, GSA GeoEd Division, and Council for Undergraduate Research (CUR) joint awards ceremony to a virtual format, inviting all members to attend. The ceremony was well-attended and successfully fulfilled its purpose.

Collaborating with AGI member organizations and promoting the broader geoscience education community has been a rewarding experience. We have effectively highlighted and advanced geoscience education across various platforms, gaining recognition and support from numerous stakeholders. However, the challenge of increasing and engaging membership remains an issue across our organizations. We will continue to address this challenge through the geoscience caucus by exploring the role of geoscience societies in fostering an engaged and growing workforce, as well as promoting the broader geosciences education community.

The membership committee has successfully developed strategies to engage members beyond EER, strengthen our value proposition, and work toward financial sustainability and growth. We embraced innovative approaches to attract partners and collaborators who invested in our resources, professional development, and programs. Simple but impactful changes included updating website promotions, such as prominently featuring NAGT on the EER pages. We also created a space on the website for potential members to sign up or learn more about the organization. Additionally, we built community by highlighting member activities at related conferences.

My representation of NAGT at events and meetings—including GSA, AGU, NABG, NSBE, and discussions with EPA, NOAA, USDA, NSF Geopaths, and AGI townhalls—has strengthened our presence and influence within the geoscience community.

Goal #1: Promoting High-Quality Earth Education

I participated in conferences and workshops to promote research at the intersection of GIS, geosciences, and environmental sciences, with a focus on environmental justice and health. Serving as a liaison to the National Association of Black Geoscientists and actively promoting NAGT membership at their annual conference has furthered our mission and invited new members. I reconnected the HBCU Geosciences Working Group to ensure their presence and engagement at EER 2023/24. Additionally, I served as a mentor for the GSA Ascend program

NAGT Annual Report –2024 **Reginald S. Archer, PhD, GISP** President, Elected 2021

and promoted NAGT activities on social media. I have also been a member of the TWP planning committee for six years and continue to serve as a TWP facilitator.

Goal #2: Fostering and Disseminating Research in Geoscience Education & Goal #3: Driving Change Toward an Equitable and Inclusive System of Geoscience Education

As an Associate Editor for the Journal of Geoscience Education and GSA Books, I have contributed to advancing geoscience education research. I also serve on the EJ Screen Science Advisory Board for the EPA, the University of Florida Geomatics Program Advisory Board, and the Board of Directors for the Society of Scientific Advancement (SOSA). In these roles, I have shared insights from my experience with NAGT.

Additionally, I participated in a working group with members from various organizations to support Black professionals in geosciences, collaborating with the former GSA president and other community leaders.

Goal #4: Supporting Current and Future Geoscience Educators Throughout Their Careers

I actively promoted NAGT at conferences and events to encourage membership and engagement. Collaborative efforts are ongoing in grant proposals aimed at expanding pathways to geosciences and leveraging geoscience education to enhance STEM opportunities. Participation in NSF CTGC meetups provided valuable networking opportunities with geoscience education researchers focused on cultural transformation within the field.

We successfully transitioned Teaching the Earth from a traditional journal to an online blog-style publication, reducing costs. A proposal was also made to host a Presidential Town Hall following EER, although this event did not take place.

Financial Sustainability

Addressing financial stability was among the primary challenges this year. In addition to transitioning Teaching the Earth, we implemented cost-saving measures such as holding virtual meetings, shifting the Rendezvous to a biennial model, cutting the awards luncheon, reconsidering conference presence and booth costs, and introducing charges for webinars. These efforts have collectively moved NAGT toward a more sustainable future.

Summary

The initiatives and changes implemented during my term have strengthened our community, enhanced engagement, and set NAGT on a path toward financial sustainability. While challenges remain, the progress we have made reflects the hard work and dedication of our members and leadership.



2024 Rory McFadden 1st Vice President

Executive Summary

Over the past year, I have contributed to strengthening the NAGT professional development (PD) effort and engagement. Activities include co-leading the Early Career workshop, facilitating the AGU Heads and Chairs and GSA Mental Health workshops, and promoting NAGT's resources and membership at various events. I have participated in the NAGT PD committee, rejoined the NAGT webinar series planning committee, and strengthened collaborations with affiliated societies such as GSA and AGI. In addition, I have an active NSF grant for which we are creating 14 quantitative skills modules for major's level Earth science majors and submitted an NSF IUSE proposal on inclusive teaching and modernizing workforce connections. For the upcoming year, my goals include: 1) Further aligning NAGT's PD opportunities; 2) developing a sustainable model for the NAGT webinar series; 3) fulfilling the duties of the NAGT president; and 4) leading a workshop to enhance quantitative skills in geoscience education as part of the NAGT online workshop program.

Goals for NAGT work over the past year

My goals for the past year were to:

- Provide more opportunities for Early Career workshop participants to learn about the benefits of NAGT and to encourage membership or leadership for newer faculty.
- 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, NAGT presidential line officer, and NAGT PD committee member, I am in a good position to help connect the range of NAGT PD.
- Strengthen the coordination between GSA and associated societies as the liaison for the GSA affiliated societies.

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

- Facilitated and co-led the Early Career workshop in June 2024; worked with the SERC eval team and the workshop conveners to strengthen the DEI sessions. Then, spent much of the workshop highlighting the role of NAGT to encourage membership and showcase NAGT community and materials that support geoscience educators throughout their careers.
- I rejoined the NAGT webinar series planning committee to help get it back up to producing a consistent number of webinars per year. Attended planning meetings with the new co-chairs and the full webinar series planning committee.
- I reviewed articles for JGE.
- Preside over the NAGT Council meetings
- I facilitated the AGU Heads and Chairs workshop that is co-sponsored by NAGT and the GSA Mental Health workshop that acquired NAGT sponsorship.



- At the AGU Heads and Chairs workshop I promoted joining NAGT and the range of professional development events for 23-24.
- I attended the AGI-GSA associated societies meeting at GSA 2023 and 2024. Heard some
 useful ideas from GSA about how they are planning to reinvigorate their section
 meetings and how they are engaging locals of next year's GSA. Both approaches could
 be helpful for NAGT to consider there should be opportunities to continue to increase
 NAGT at GSA section meetings and to engage with folks in the region of the EER 2026.
- The AGU and GSA events were also good opportunities to strengthen collaborations with other professional societies.

I have participated in business meetings for:

- Presidential line
- NAGT Executive Committee
- NAGT Council

And I served on the following committees:

- NAGT Professional Development committee
- NAGT Webinar Series Planning committee
- GSA affiliated societies

Progress toward goals: Other achievements and work relevant to NAGT

Other achievements relevant to NAGT include:

- I am a PI on The Math Your Earth Science Majors Need grant which is developing cocurricular quantitative skills modules for majors-level undergraduate Earth science courses. With my co-PIs, we led a 5-day author module development workshop. Thus far, 14 modules are developed and author teams are testing them in their courses. All of the modules are publicly available and six of the modules are fully published.
- I submitted an NSF IUSE level 3 proposal in July with SERC staff and external partners on inclusive teaching in upper-division geoscience courses.
- Facilitating workshops in collaboration with other professional organizations GSA
 Mental Health and AGU Heads and Chairs.
- Attended EER 2024 in Philadelphia, PA, and supported multiple workshops.

Goals for NAGT work in the next year

- I would like 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 NAGT president, and NAGT PD committee member, I am in a good position to help connect the range of NAGT PD.
- Fulfill the duties of the NAGT president
- In particular, I would like to help support coordination between the NAGT webinar series planning committee and larger NAGT events such as EER.
- Lead an online workshop focused on strengthening quantitative skills for the 2025 NAGT PD program.



2024 Katherine Ryker 2nd Vice President

Executive Summary

Over the past year, I have contributed to NAGT's professional development program including a 2-day workshop and round table at the 2024 Earth Educators' Rendezvous and a short course on teaching at the Southeastern GSA meeting. I chair the Outstanding Teaching Assistant Committee and serve on the Membership and Development Committees. I have four active grants and nine students in my lab. For the upcoming year, my goals include working with NAGT leaders and EER organizers to plan for the 2026 Rendezvous at the University of South Carolina, supporting the continuation of the teaching-focused short course at GSA regional meetings, and learning about and fulfilling the duties of the 1st Vice President.

Goals for NAGT work over the past year

In my mid-year report, I said I would increase my involvement with the action items on development and partnerships with other organizations, especially AGU's Education Session. I also wanted to contribute meaningfully to the NAGT action items after coming back from maternity leave in the first part of 2024.

Progress towards goals: Participation and achievements as an officer of NAGT I've searched as the chair of the Outstanding Teaching Assistant committee since 2021. I also serve as a committee member on the membership and development committees. At the 2024 EER, I led a 2-day workshop on "Developing Collaborative Operations Manuals for Research Groups" and a round table on "GER at EER: What Should Future Programming Look Like?" At the 2024 Southeastern GSA meeting, I developed and co-led a NAGT-sponsored short course on "Classrooms, Careers, & Communities: Maximizing Your TA Experience" with Dr. Christy Visaggi. We developed this short course to be run at future GSA section meetings by other NAGT leaders and are working with GSA staff to ensure it fits with the goals of both societies. I continue to manage the NAGT Field Camp Collection that started in 2020 and the event and session sponsorship request queue.

Progress towards goals: Other achievements and work relevant to NAGT I continue to publish and apply for funding to support and disseminate geoscience education research. In 2024, I am the PI or Co-I on four NSF or DOD-funded grants. I published five papers, two of which were student-led. One of these papers was the product of a 500-level course I teach on geoscience education research. I graduated two PhD students in 2024. My current research lab includes nine members besides myself: two undergraduates, four master's students, two PhD students, and I postdoctoral scholar. I've served as a tenure file reviewer for several geoscience educators and helped nominate colleagues for awards, in and outside of NAGT. I work closely with local Earth science K-12 teachers to support their teaching and professional development needs in my role as Co-Director of USC's Center for Science Education.



Goals for NAGT work in the next year

I am thrilled to have been selected as the local host for the 2026 Earth Educators' Rendezvous! I am a "super fan" of this professional development opportunity and look forward to working with program organizers to put together a fantastic event in Columbia, SC. I will work closely with NAGT to identify opportunities to promote the EER (especially within South Carolina and the Southeast) and to reduce the on-the-ground costs where possible. I will work with GSA to help secure the teaching-focused short course as a regular part of section meetings, to be led by NAGT leaders and with discounts for NAGT members. I will be learning more about the work of the Presidential line as I move into the 1st Vice President position.



2024 Mike Phillips Secretary/Treasurer

Executive Summary

I continue to work on ways to improve NAGT's fiscal health and management. In the coming year, we should develop a "simple" one-page explanation of how accrual accounting works and how to read the NAGT budget and quarterly reports and create a finance committee.

Goals for NAGT work over the past year

Financial: I would still like to work with Amy to develop a "simple" one-page explanation of how accrual accounting works and how to read the NAGT budget and quarterly reports. I think this would be helpful to current and future members of the Exec Comm when looking at our budget and budget reports.

For the **Advocacy** Committee I will complete the new leave behind sheet for inclusion on our web site; members will be able to print and share it when they engage in advocacy. We will continue to work on statement revisions; all four existing statements should be up-to-date and the new statements on DEI and Free Speech should all be complete by the Fall of 2024 and the new statement on the value of geoscience departments in higher education should be in progress. I will continue to work on developing a partnership with AGU on their Local Science Partners program and CVDs. I plan to work with Aida Awad to write an article discussing our experiences in the AGU Local Science Partners program and on CVD for publication in ITT or EOS.

As a member of the **Membership** Committee, I would like to help develop better outreach to faculty at 2YCs. As a member of the **Donor Development** Committee, I would like to help develop an annual fund-raising program for NAGT, which would include a format for letters to potential donors and "events" that can be passed along from leader to leader and adjusted based on successes and challenges.

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

Secretary/Treasurer: I did not do anything with respect to the one pager on accrual accounting; however, it remains on my list of things to do. The move of investments from Oakmark to Vanguard is complete. The **Development Committee** needs a new chair, preferably with experience in non-profit fundraising. The **Membership Committee** is testing ways to engage current members and attract new members and is also beginning to work with divisions to work on those areas as well. As **Secretary**, I continue to share draft minutes of the Exec Comm and Council meetings within less than a week (typically with a few days).

Advocacy: The Advocacy Committee has completed two new statements (Value of Undergraduate Geoscience and Responsibility to Teach Earth Sciences); the statements went through several discussions in the Exec Comm and Advocacy Committee, have been approved



by those committees and will now move forward to member review and Council approval. We continue working on revising one (Evolution), and developing a new statement (Diversity, Equity, and Inclusion). I wrote an Advocacy Update which was published in the January 2023 issue of In the Trenches (ITT). I currently serve on a regional advisory council to our local Congresswoman, Lauren Underwood, and have provided information on several local concerns to the Congresswoman and members of her staff. (Additional details may be found in the Advocacy Committee report.)

Geo2YC Division Liaison: I attended meetings of the Geo2YC Executive Committee and shared updates on NAGT Exec Comm activities.

Progress towards goals: Other achievements and work relevant to NAGT

I continue to serve on the Faculty Advisory Council to the Illinois Board of Higher Education where I advocate for both science and 2YC issues. I have continued to work with the Illinois Department of Natural Resources and a local legislator on the development of a fossil park near my college.

Goals for NAGT work in the next year

Financial: I would still like to work with Amy to develop a "simple" one-page explanation of how accrual accounting works and how to read the NAGT budget and quarterly reports. I think this would be helpful to current and future members of the Exec Comm when looking at our budget and budget reports.

For the **Advocacy** Committee I will finalize a new leave behind sheet for inclusion on our web site; members will be able to print and share it when they engage in advocacy. We will continue to work on statement revisions; all four existing statements should be up-to-date and the new statement on DEI should all be complete by the Spring of 2025. I will continue to work on developing a partnership with AGU on their Local Science Partners (LSP) program and CVDs. I would like to work with other NAGT members who serve as LSPs to write an article discussing our experiences in the AGU Local Science Partners program and on CVD for publication in ITT or EOS.

As a member of the **Membership** Committee, I would like to help develop better outreach to faculty at 2YCs. As a member of the **Donor Development** Committee, I would like to help develop an annual fund-raising program for NAGT, which would include a format for letters to potential donors and "events" that can be passed along from leader to leader and adjusted based on successes and challenges. I would like to help develop a new **Finance Committee** that will be a subcommittee of the Exec Comm.



2024 Christy C. Visaggi Past President

EXECUTIVE SUMMARY

Through the role of Past President and in serving on the Executive Committee, my NAGT contributions over this last year included leading the nominations committee, evaluation of the Executive Director, and section ad-hoc committee. I also engaged actively on the K-12 ad hoc committee, membership committee, as a liaison to TED, and in filling the role of interim co-liaison to the sections. This year I additionally led a webinar for the sections and developed new activities in co-facilitating workshops for TAs and EER attendees preparing for an academic career. I mentored new leaders, gave presentations on geoscience education at multiple conferences, and represented NAGT in varied professional settings.

Goals for NAGT work over the past year

→ Describe goals you defined in your mid-year report or any new ones you've developed since then.

Expanding visibility, fostering community, and integrating more structures and supports into various NAGT operations have all been a focus of mine this year. Specifically, I have worked to advance progress in the sections, elevate conversations related to K-12 and OESTs, push for an increased emphasis on DEI, and aid in preparing the next generation of scholars. Specific examples of related activities include:

- Co-leading Classrooms, Careers, Communities: Maximizing Your TA Experience at SEGSA 2024
- Leading the webinar on Sections: Opportunities, Elections, Events and recruiting new leaders
- Co-facilitating the Preparing for an Academic Career Workshop at EER 2024 in Philadelphia
- Speaking on behalf of NAGT at GSA presentations for students, cross-organizational meetings, etc.

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

→ Describe permanent and ad hoc committees you've served on, your role on those committees, participation and/or leadership in the professional development program, liaison work with external organizations, and any other work that you have done in your role as an officer to advance NAGT's mission and goals. A combination of bullets and narrative style would be appropriate here; consider what the membership should know about your work.

NAGT Executive Committee:

- Led an evaluation of the Executive Director and ran the nominations committee as Past President
- o Participated as an active member of the membership committee both at meetings and online events
- o Raised ideas and concerns related to future considerations around NAGT programs, DEI, and more

Section Ad Hoc Committee:

o Championed activities to support the revised section model including recruiting and mentoring new leaders, filling in as an interim co-liaison to the sections, contributing to a new bylaws framework, supporting adoption of unified elections and onboarding, starting a calendar and operations guide, etc.

K-12 Ad Hoc Committee:

o Contributed to new directions of the K-12 committee and related activities for OEST award recipients

Teacher Education Division:

Attended meetings as the liaison to ExCom, initiated new steps for the position statement on JEDI



Goal #1: Promoting high-quality Earth education

- Presentations, workshops, and/or exhibitor help @ GSA 2023, SEGSA 2024. EER 2024, GSA 2024
 - Other 2024 conferences included: National Association of Black Geoscientists, SoTL Summit
 Online via KSU, North American Paleontological Convention, American Malacological Society
- NAGT representation as part of meetings/events for AGI, GSA Associated Societies, ASCEND
- Promotion of NAGT activities and resources via social media including in the ESWN group

Goal #2: Fostering and disseminating research in geoscience education

- Promotion of JGE papers and research findings on social media and in my own networks
- Reviewed several geoscience education articles for different journal and online outlets
- Working more to build my knowledge broadly in SOTL as related to my GSU role as a lead on High-Impact Practices at our Center for Excellence in Teaching, Learning, & Online Education
- Ongoing data collection in courses including work on a new research study in my department as
 a follow up to 'spotlight' ideas from participating in a prior Traveling Workshop and EER in 2023

Goal #3: Driving change toward an equitable and inclusive system of geoscience education

- Seeking to broaden access to section participation via online activities and in leading workshops
- Continuing to move forward in revisions on the drafted JEDI position statement from TED DEI
- Participating in ethics conversations upon concerns raised re: access, inclusion, belonging, etc.
- Attended numerous DEI workshops and events at multiple conferences with more on LGBTQ+
- Was an invited speaker for an interactive short course session on DEI in paleontology at GSA

Goal #4: Support current and future geoscience educators throughout their careers

- Involved and mentored more faculty and students from my networks in various NAGT activities
- Continuing to enhance my career-focused courses and mentorship of educators at/beyond GSU
- Co-led different conference workshops on preparing students/post-docs/TAs for their next steps

Action #1: Increase the value of NAGT membership and programming for K-12 teachers

I initially co-led the development of the K-12 ad hoc committee, and have continued to contribute to ongoing activities in different ways. Most recently, I presented as part of the special session organized by NAGT on K-12 for GSA. I also shared newly developed resources from my pre-service education class on integrating nature journals in life and Earth sciences courses with my poster at EER. Through the metro Atlanta region, I'm working to build more partnerships with local K-12 schools through service, committees, and presentations, and I continue to facilitate multiple events at Atlanta Science Festival. This year I'm excited to see the first dedicated special event online to bring together our OEST winners.

Action #2: Increase the value of NAGT membership and programming for students

This last year I increased my focus on student members by representing NAGT at GSA student events, attending OTA meet-ups online and supporting award materials for these recipients, mentoring students and recent graduates at EER as part of co-leading the Preparing for an Academic Career workshop, and co-facilitating a course on pedagogy and careers for TAs at SEGSA 2024.

Action #3: Re-envision and strengthen our framework for sections

Supporting the sections has been a main priority for me. We made significant progress in moving to the new co-liaison and revised section model, activating all sections with leaders, creating example bylaws for review/adoption, moving elections online and shifting to a unified model for leadership transitions, and more. We are still addressing areas of support needed to further improve including developing more resources to guide section activities. I've maintained my connection in supporting SENAGT as well.



Action #4: Diversify and expand membership, leadership, programming participants, award winners
This action relates not only to the work of the DEI committee but all of us. I'd love to see an increased focus on DEI in all that we do. I'm eager to move forward revisions on the draft JEDI position statement. I'm heartened to see so many committed to DEI in their work in geoscience education and hope that it continues to grow. I'd love to see culturally responsive and inclusive pedagogy emphasized even more. Further momentum around several of the ideas proposed in my mid-year report is of interest as well.

Progress towards goals: Other achievements and work relevant to NAGT

→ Describe any other work that is relevant to your role in NAGT.

I've maintained a strong and active presence advocating for geoscience education in different outlets. This includes work at my minority-serving institution (Georgia State University) in my department and across the university, especially via my roles as Undergraduate Director in Geosciences and through the Center for Excellence in Teaching, Learning, and Online Education. My service in other organizations includes an emphasis on DEI and education through committees and running programs for students, particularly for the Paleontological Society. I've also helped to support several projects on developing Spanish education and outreach materials related to NPS paleontology to expand access in learning about the fossil record. I'm working to promote more course-based undergraduate research experiences (CUREs) at GSU and further integrate the B.I.S. in Environmental Sciences in our department offerings. I'm also helping to compile information about sustainability across the curriculum at GSU with a goal of integrating these concepts more into our core curriculum, including a focus on climate change and environmental justice issues. I continue to run student-focused programs at my institution that involve supporting students in sustainability internships, advising the women in geosciences club, guiding seniors in developing outreach events for Earth Science Week and Geography Awareness Week, and building a public facing collection of career resources for our majors. Through collaborations with other faculty, we have launched a DEI initiative in our introductory courses, and alongside a student, I've been working to build a repository of information for moms in geosciences. Finally, as I consider what's next for my own future directions, I'm doing more to mentor and guide new faculty into leadership positions.

Goals for NAGT work in the next year

→ Describe the goals you would like to work towards in the coming year, highlighting their alignment with NAGT's mission and goals, and making connections to the membership or subsets of the NAGT membership as appropriate.

This is my last year in the presidential line and I am preparing to rotate off of the Executive Committee. It has been an intense four years and I am grateful to have had the opportunity to lead and look forward to determining what's next for me at this stage in my career. My focus in the coming months and year are to wrap up projects that still need attention and/or guide new individuals into roles that I have held. Action items include seeing draft work on the JEDI position statement to completion, continuing to advance the new section model and support for sections, elevating DEI conversations as always, promoting the development of a K-12 virtual share-a-thon, and continuing to foster community including a focus on students and enhancing opportunities for their participation. We are entering a new era in NAGT with EER every other year; I'm curious to see what new opportunities may arise for members to stay connected and learn from each other... especially in this shifting post-pandemic landscape now grappling with the pros and cons of AI in education and increasing effects of climate change. My hope is that NAGT continues to excel and lead the way for high quality Earth education.

National Association of Geoscience Teachers

Annual Report: Executive Director

October 2, 2024 Anne E. Egger

During the Jul 10, 2024 Executive Committee meeting, I presented the following as updated goals for the organization:

- Increase our financial stability
- Increase our operational stability
- Increase our visibility

In this report, I'll describe the progress we've made towards these goals (and sub-goals).

Increase our financial stability

Financial stability is absolutely critical to our capability to be a thriving, respected, engaged, effective, and well-known organization that people want to be a part of, collaborate with, and support. In the past year, we have increased member dues, reduced expenses, and initiated new income streams. At the same time, however, membership has continued to decline, along with participation in events like the Earth Educators' Rendezvous, placing us in a more tenuous financial position than is preferable. We are focusing our efforts on:

- Stabilizing and growing membership: Declining membership is a widespread problem in professional societies right now, including our peer societies and affiliated organizations. As described by the Executive Director of GSA, this issue has one of three causes: either there is no real value in membership, the value of membership is not apparent, or the cost does not match the value. We raised our membership dues in the last fiscal cycle, so it's possible that some perceive that our membership costs too much. However, we have not always done a good job of promoting the member benefits, and that has been a focus of our work in the past six months.
 - We've begun a membership campaign for FY2025 that has involved regular emails and social media posts directed to different groups (students, faculty, etc.) to join and renew.
 - As part of that campaign, we've modified the website to include information about what member dues support, updated all of the member benefits listed, and developed materials that describe benefits for specific groups within the membership.
 - We have a long way to go to turn the corner from declining membership to stabilizing and growing membership, but we are on a good track and I hope to see strong renewals for FY2025.
- Implementing and evaluating new professional development offerings that provide member benefits: We piloted new online workshops in FY 2024 with mixed success.
 Registration was not what we hoped it would be, but we learned a lot that will help us in FY 2025.
 - We substantially revised the offerings of the Traveling Workshops Program to be more customizable and adaptable and have begun promoting the new variety of opportunities. In addition, we are seeking funding to support longitudinal

- evaluation of this program and collecting information from departments about current needs and concerns from departments to update this program further.
- We are planning for online offerings in FY 2025 earlier than we did in FY 2024.
 We have four workshops planned and are determining the scheduling in the next few weeks in order to start promoting registration. This includes the virtual Preparing for an Academic Career workshop.
- We are in the planning stages for a new proposal for the Early Career Workshop that will support integration with additional (follow-on) professional development opportunities that continue to support participants in this workshop.
- Conducting development campaigns focused on specific audiences and programs: I renewed and updated our status with Candid (Gold Seal) and I am working to compile email lists for specific audiences and programs. I worked with Dana Thomas to develop campaign language during the writing retreat at the Earth Educators' Rendezvous. One of the audiences we focused on was grant-writers and ways to incorporate NAGT into your grant proposal. This was a popular handout at GSA, and the next step is develop a web-page that makes this information more readily available.
- Seeking funding for current and future programming: We are currently seeking
 funding from NSF for the Early Career Workshop, expanding opportunities for graduate
 students and post-docs, and gathering data to improve the Traveling Workshops
 Program. In addition, I am exploring opportunities for collaboration with GSA so that we
 can offer Continuing Education Units and receive income from NAGT workshops at GSA
 meetings.

Next steps: Continue all of the above. We are in the process of planning online workshops for 2025, waiting for notification from NSF, developing new fundraising campaigns, and collecting data to inform new professional development opportunities. In addition, we have begun the process of establishing a finance committee to maintain a continuing review of NAGT's budget and investments and make recommendations that secure NAGT's financial stability.

Increase our operational stability

Turnover in leadership is part of the design of NAGT, and turnover in staff is to be expected. In light of this designed and expected turnover, we can do more to stabilize operations so that turnover is smoother and transfer of institutional knowledge is handled appropriately. We are working to:

- Streamline and update processes to reduce staff time and increase efficiency: We continue to make progress on this front. Some of the things that are helping us now:
 - Approval as a Google non-profit so that we have access to a Google Workspace; at this time, I need to focus on moving documents and creating access for groups to this workspace.
 - Organization of our archives, shared accounts for services like Canva and YouTube, and making files available to the people who need access.
 - Engagement of volunteers in tasks like gathering election information and contacting awardees.

A challenge to the documentation in recent years has been significant changes in the operations, including the nature of our presence at GSA. For example, we will continue to work on streamlining an online awards ceremony.

• Document processes and procedures to support rotation of officers and staff: This is an ongoing process that is, perhaps not surprisingly, more frequently informed by mistakes than proaction. There are many policies and procedures that have not been adequately communicated through onboarding, and we recently expanded our vision for this goal to include leadership transitions in sections and divisions to help sustain efforts across the organization. I will continue my efforts to document roles and responsibilities along with timelines in order to better ensure that we are enacting the mission and goals of the organization.

We are also beginning the process of establishing a finance committee to have more eyes regularly on our budget and be more informed about our expenses and income in order to inform the greater ExCom about potential decision-making.

Increase our visibility

An important pathway towards growing membership and participation in our events is simply by becoming more visible to the broader communities of geoscientists and science educators. We are affiliated with GSA, are a member organization of AGI, and have a variety of other connections, but are still frequently confused with SERC, perceived as a K-12 organization, and not always recognized for the efforts we lead and support. To increase our visibility, I have been focusing on:

• Engaging in strategic collaborations:

- One area of strategic collaboration is with geoscientists who don't identify primarily as educators but are faculty and instructors. I presented an update from NAGT at the Structure and Tectonics Forum in May 2024, and have been working with leaders in field teaching to develop a proposal for a "Teaching in the Field" forum that would follow a similar model.
- Our collaboration with GSA Today on a series of essays entitled "Places that Reveal the Geologic Mind" was recently launched in the September issue of GSA Today. I am serving as the editor on this series, authored by Basil Tikoff and Tim Shipley, which has been a truly delightful and educational process. I think the series has opened doors to additional collaborations with GSA publications.

• Promote our publications and increase our presence on social media:

- We recently brought on Cheryl Manning as our media editor, and she has done substantial work to increase our social media presence and to streamline promotions between our monthly newsletter and social media posts.
- I have been working with staff and the ITT editor to make the transition to the online-native version of In the Trenches, which is launching this month. Our next step is to promote both submissions and interactive conversations about published articles.
- In addition to promoting our own publications, I have been working to publish information about NAGT in other venues, including an article about the Traveling

Workshops Program in Eos (the AGU publication that reaches all of its members).

In addition, I have been serving on the National Academies Committee for Equitable and Effective Teaching in Undergraduate STEM. In this role, I have been able to provide examples of where NAGT has been on the leading edge of equitable and effective teaching, and also to provide examples of the specific needs of the geosciences in this realm. The report from this committee will be released in December, 2024, and I am currently working with the project directors on opportunities for dissemination through NAGT activities.

Additional work

On the basis of research and the outcomes of workshops, Karen Viskupic and I have developed a new resource now available on Teach the Earth: **Building Geoscience Workforce Skills and Awareness**. We are now promoting this as an opportunity through the Traveling Workshops Program, and as a regular short course at GSA meetings. The development of these resources has led to conversations about collaborations with organizations for professional geologists, including ASBOG (the Association of State Boards of Geology) and AEG (Association of Environmental and Engineering Geologists), opening the doors to sponsorship.



2024 Alex Manda Councilor at-Large

EXECUTIVE SUMMARY

Over the past year, my primary goals for work with the National Association of Geoscience Teachers (NAGT) were to actively participate in executive and council meetings, effectively lead the membership committee, and engage more with Southeastern section events. As councilor-atlarge, I dedicated significant time to discussing organizational goals, financial matters, and strategies for growth. In my role as chair of the membership committee, I facilitated frequent meetings, focused on recruitment and retention efforts, and helped foster a sense of community through initiatives such as a virtual game night. Notable progress includes ongoing outreach to lapsed members, highlighting NAGT's benefits, and evaluating membership trends. In addition, I successfully advocated for the NAGT Traveling Workshop to host an event at my institution, which contributed to the smooth merger of our Geology and Geography departments. Looking ahead, my goals include further engaging members through virtual events such as fireside chats and increasing involvement from K-12 educators in the organization. These efforts aim to strengthen NAGT's community and broaden its reach.

Goals for NAGT work over the past year

My goals for the NAGT work over the past year were to (a) actively participate in executive and council meeting to help run the organization, (b) effectively lead the NAGT membership committee as chairperson, and (c) be more active in Southeastern section events.

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

I have been committed to participating in the active running of the organization as councilor-atlarge. Activities have involved many hours discussing organizational goals, fiscal matters and strategies for growing the organization. As the chairperson of the NAGT membership committee, one of my core responsibilities has been to ensure that the membership committee meets frequently to brainstorm, discuss and implement strategies that support the mission of the organization. The standing charge of the membership committee is to develop and implement strategies for identifying and recruiting potential members and engaging and retaining current members. This year, as in years past, the membership committee has made progress in moving towards these goals by

- Continuing to highlight of NAGT benefits to members and non-members
- Continuing to reach out to lapsed members through email drives
- Continuing to evaluate membership numbers over time
- Considering how to involve section leadership in member recruitment
- Hosting virtual member game night event to foster community

The activities of the membership committee are described in greater detail in the NAGT Membership Committee report.

Progress towards goals: Other achievements and work relevant to NAGT



I was pleased that my suggestion to have the NAGT travelling workshop lead an event at my institution came to pass, which resulted in the seamless merger of the department of Geology and the department of Geography, Planning and the Environment at my institution.

Goals for NAGT work in the next year

I would like to see the NAGT engage with the membership through virtual events like fireside chat event, or a game night event. I would also like to see more members take part in these events. I also want to consider how we can have more involvement from K-12 teachers in the organization.



2024 Lynsey LeMay Councilor-At-Large

Executive Summary

During the last year, much of my efforts were focused on the Earth Educators' Rendezvous, as I served as a co-convener for the meeting and was also a leader for the Preparing for an Academic Career workshop. I'm very excited to have been elected to serve in the presidential line for NAGT this year and am looking forward to learning more about NAGT leadership, and increasing my involvement in the organization. I'm hopeful that I'll be able to share and apply my knowledge learned through my other organizational involvement to help NAGT consider ways to increase revenue and retain membership.

Goals for NAGT work over the past year

Last year, my goals for my involvement with NAGT were focused in four areas:

- Serve as a section co-liaison and continue to aid in the work with the section reorganization process.
- Increase my involvement with the Eastern Section.
- Advocate for two-year colleges and help support my 2YC colleagues.
- Develop a sustainable model for the 'Preparing for an Academic Career Workshop' in coordination with other Career Prep leaders, Anne, and the PD committee as EER moves to a biennial meeting.

<u>Progress towards goals: Participation and achievements as an officer of NAGT</u>
This year, my goals shifted a bit as I was asked to serve as a co-convener for the 2024
EER. My responsibilities shifted heavily toward planning and supporting EER and temporarily away from the work to support the section reorganization. During the last year, I:

- Attended and participated in executive committee and council meetings, including the virtual ExCom retreat.
- Sent several emails to lapsed members to encourage renewing/rejoining NAGT.
- Served as a co-convener for the 2024 EER in Philadelphia, PA.
- Led the Preparing for an Academic Career workshop at EER.
- Continued attendance at the ad hoc sections committee, when possible, with the intent of helping as much as possible throughout EER planning, and then staying current with progress so I could return more actively post-EER.
- Engaged in planning discussions with Career Prep leaders concerning how to
 effectively transition the workshop to a virtual option in the non-EER years.
 These conversations have included the exploration of various models of
 workshop offerings, including how to engage virtual attendees in the EER years,
 and keeping face-to-face attendees engaged during virtual years. Workshop
 leaders are currently engaged in on-going conversations, and we are also



exploring opportunities to offer related workshop programming at GSA section meetings.

- Helped to coordinate a 2YC social at the EER.
- Was nominated, and ultimately elected, to become 2nd vice-president of the organization.

<u>Progress towards goals: Other achievements and work relevant to NAGT</u> Other relevant work for the year includes:

- Served as the SE section representative on the GSA education committee.
 While the committee has rarely met, this has provided me an opportunity to share more effectively with the SE GSA section about the opportunities offered through NAGT. I submit a short brief to the section updates at their business meetings and forward along NAGT opportunities to officers of the section to share broadly.
- Continued service as the Center for Teaching and Learning coordinator at my college, Virginia Peninsula Community College, planning and organizing faculty professional development.
- Participating member of the Virginia Educational Development Collaborative, network of college faculty development leaders. This has been a great way to learn from other colleagues across the state some of the strategies used to better support faculty.
- Completed a variety of trainings to help better support diverse students, including Safe Zone training, Green Zone training, and Mental Health First Aid Training.

Goals for NAGT work in the next year

For the upcoming year, I plan to:

- Engage more with NAGT leadership as I navigate my time as 2nd vice president and increase involvement with NAGT committees.
- Continue work with the Career Prep leadership team.
- Work to increase NAGT visibility and opportunities locally and regionally, through my attendance and involvement at SE GSA, sharing with VA 2YC colleagues more intentionally, and sharing with my network of Virginia Master Naturalist.
- Attend the Eastern section NAGT meeting.
- Share what I learn about long-term fundraising as I learn alongside a fundraising professional with the work I do for another organization.



2024 Dana Thomas Councilor-at-Large

Executive Summary

As a Councilor-at-Large, I focused on providing guidance towards the general health and direction of NAGT through Executive Committee activities and responsibilities. I actively participated in our ExComm meetings and contributed to decisions regarding program sponsorship, committee member approvals and more. Perhaps the most challenging responsibility to handle as an ExComm member was the annual review and approval of the NAGT budget. I was also a member of the NAGT DEI Committee, Outstanding TA (OTA) Award Winner Committee, the Membership Committee and the Development Committee. I am proud that I helped create materials and strategy to promote NAGT programming as grantfunded activities for faculty and partner organizations to include in their proposals and activities.

Goals for NAGT work over the past year

In the last year, I aimed to help NAGT become more strategic about how to promote its activities to education professionals and faculty seeking programming to include in their grant-funded projects. In my mid-year report, I set a goal for myself to help "institutionalize" knowledge of the DEI Committee activities prior to the end of my tenure as an Executive Committee Councilor-at-Large.

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

As a Councilor-at-Large, I focus on providing guidance towards the general health and direction of NAGT through Executive Committee activities and responsibilities. I actively participated in our ExComm meetings and contributed to decisions regarding program sponsorship, committee member approvals and more. Perhaps the most challenging responsibility to handle as an ExComm member is the annual review and approval of the NAGT budget. I am also a member of the NAGT DEI Committee, Outstanding TA (OTA) Award Winner Committee, the Membership Committee and the Development Committee.

Between last year's report and now, I have contributed to initiatives that attempted to generate revenue for NAGT and increase value to members and prospective members. I led a proposal to modify the NAGT Webinar model to strengthen its impact on the budget and incentivize membership. In collaboration with the Executive Director and with support from ExComm, I initiated the creation of materials to help NAGT advertise and explain its programming, including the value of different workshops and the cost. The eventual "explainer" or "menu of options" is intended to showcase how faculty and partner organizations can include NAGT activities into their grant-funded work, proposals or yearly events. Ideally, this will lead to



increased membership, requests for NAGT workshops and participation in NAGT professional development.

Additional activities included reviewing OTA Award nominations and selecting awardees, organizing and participating in the OTA Award virtual celebration, facilitating the abstract submission and poster creation of OTA Award winners for presentation at EER, attending Membership Committee meetings and events, attending DEI Committee meetings and acting as a representative of the DEI Committee at EER. I also coordinated an NAGT Webinar, on behalf of the DEI Committee, showcasing authors and articles from the JGE special issue *In Our VOICES*. I refined an organizational document and calendar of tasks and activities for the DEI Committee, achieving my goal to leave behind institutional knowledge.

Progress towards goals: Other achievements and work relevant to NAGT

I led an afternoon mini-workshop at EER with colleague Sasha Seroy on facilitating effective group projects in learning environments. It was successful and will be offered as a virtual workshop in 2025. In my role at UT Austin, I organized and ran a complex, multi-day grad school recruitment event intended to demystify the application and advisor matching process. We had many attendees who are first-generation college students and/or low-income. I successfully campaigned for department faculty to nominate graduate student TAs for the OTA Awards.

Goals for NAGT work in the next year

I have completed my term as a Councilor-at-Large on the Executive Committee and will continue my membership. In the last 10 months, I have made a significant career shift, from higher education professional and instructor to scientist at the City of Austin Watershed Protection Department. As I become more stable and grounded in my new role, I look forward to exploring ways to integrate NAGT into my professional position. Our group collaborates regularly with the education team in our department, and I can envision creating teaching activities for TTE using publicly available data from our projects. I also expect to help mentor summer undergraduate interns through scientific projects and will continue to direct colleagues and early career students and scientists to NAGT.



October 2023-October 2024 Cody Kirkpatrick Councilor-at-Large

Executive Summary

I am completing my first of three years as an at-large member of the Executive Committee. I feel like this first year was, for me, largely spent learning the finer details of the Association. How do our finances really work, what are our Association's strengths and weaknesses, how can we as advisors best support our leaders, and so on – matters that may not be as obvious to the broader membership. Entering year two, my goals will be twofold:

- 1. To help our new North Central Section leaders get our dormant section back on its feet; and
- 2. Work with our president and executive director to find ways to bring more atmospheric science faculty and graduate students into NAGT.

Goals for NAGT work over the past year

The goals that I laid out in my mid-year report (submitted in April) were much longer-thinking and more ill-defined than things that could be achieved in six months. That's a clear error on my part. But I will list them here, and offer some reflections on them:

- "[Remain] a strong advocate for the Rendezvous [as it begins] its second decade." Well, sure. I think we'll all do that. In whatever form it takes from 2026 onward, I want to do whatever I can to make it a top choice destination for geoscience faculty and educators to come hone their classroom and pedagogy skills.
- "How to better support faculty in the atmospheric sciences in the next few years." One thing I'll say: in atmospheric science & meteorology, we have a desperate need for fundamental training in pedagogy. I mean writing good learning outcomes, backward design, and so on. These are *not* topics that have gained widespread practice, beyond the small set of us who are persistent Rendezvous attendees. They are also not, in my experience, topics that garner much interest at an AMS or other professional meetings. How do we get more faculty to buy in to sound teaching practice? I hope some of my earth science colleagues have ideas on how to help.
- "Membership [as an important future challenge]." How we keep our membership numbers steady over the next two years, acknowledging that a Rendezvous boost is not coming in 2025, is an issue I will push to get on the agenda of a future Ex Comm meeting.

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



And

Progress towards goals: Other achievements and work relevant to NAGT

Actions to support NAGT in the past year:

- Led a one-day workshop at the 2024 Earth Educators Rendezvous
- Led a roundtable session at the 2024 Earth Educators Rendezvous
- Participated in the renewal drive organized by our Membership Committee in early 2024, sending ~2 dozen emails to "lapsed" members
- Participated in an "NAGTea" hour to recognize our Outstanding TA award winners

Goals for NAGT work in the next year

In the executive summary above, I highlight my two goals or "new fiscal year resolutions" as an Executive Committee member. Commentary about those, plus one new item:

- "To help our new North Central Section leaders get our dormant section back on its feet." I look forward to supporting our new officers in whatever ways I can. Serving as their liaison to Ex Comm and NAGT staff ("upward" support), and helping them connect and welcome in our strong K-12 teacher community here in Indiana ("downward" support), are two first thoughts.
- "Work with our president and executive director to find ways to bring more atmospheric science faculty and graduate students into NAGT." The Rendezvous and NAGT have been, in my opinion, wonderfully welcoming to me as a meteorologist. I would love to see more of my disciplinary colleagues who are interested in pedagogy and in education research come join us. One of the challenges is always that membership and participation is "yet another professional society" (after AMS, AGU, GSA for the geologists, and so on...); so I hope we can brainstorm ways to increase our attractiveness to them and get them to join and participate.
- At the October Ex Comm meeting, I volunteered to serve on an ad hoc committee to explore how our leadership can more effectively do the financial work they need to do (within the guidelines our Constitution & Bylaws provide). I'm looking forward to this over the next year.



2024 Michael Hubenthal Councilor at Large

Goals for NAGT work over the past year

Build on my experience as a reviewer on the Neil Miner Award to become more involved NAGTs award portfolio and continue to support NAGT in its efforts to promote the value of the organization and a membership in it to a diversity of audiences.

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

- Prepared for an participated in regular Excomm Meetings to help steer the direction of the organization and make strategic decisions regarding budgeting and programming.
- Promoted the value of an NAGT membership to k-12 teachers at 2024 national NSTA meeting. I included a slide, provided by NAGT, at the end of each of the three sessions I lead at NSTA. This created space in the presentation to talk about the value of the organization to the session attendees and reached an estimated ~80 teachers between the three session. I also incorporated NAGT materials into the EarthScope booth on the NSTA exhibit floor. NAGT could be promoted to teachers who stopped by in a one-on-one discussions. NAGT provided key handouts such as the Teach the Earth bookmarks to help teachers find NAGT and our related resources.
- Was involved in the planning and preparation for a EER mini-workshop as well as a collaborator for several posters. EarthScope also supported EER with a booth at the meeting.
- Served on the Neil Miner Award Committee.

Progress towards goals: Other achievements and work relevant to NAGT

In addition to serving on the Executive Committee, I have also continued my community service as an associate editor for the Journal of Geoscience Education. In this role I manage the review process for both research and curriculum and instruction manuscripts that I am assigned. Additionally, I continue to promote the value and importance of NAGT to the geoeducation ecosystem through my professional work as a program manager for educational and geoworkforce programs.

Goals for NAGT work in the next year

Build on my experience as a reviewer on the Neil Miner Award to explore updates to this award to make it more impactful while also becoming more involved NAGTs award portfolio broadly. I would like to continue to support NAGT in its efforts to promote the value of the organization and a membership in it to a diversity of audiences. Finally, I would like to seek collaborations with the webinar committee and the professional development committees to develop new opportunities to support our broader geoscience community.



Nancy Chen

Councilor-at-large K-12 Ad Hoc Committee Chair EER Co-Chair Contributed Programs Chair

Executive Summary

In 2024, as Councilor-at-large, Chair of NAGT's K-12 Ad Hoc Committee, and EER Contributed Programs Chair, I focused on two key goals: streamlining the EER Contributed Programs Committee process by creating standard documents for future chairs and increasing participation in the Far Western Section through events and newsletters. As part of my work, I led the K-12 Ad Hoc Committee, distributed quarterly newsletters to K-12 members, and collaborated with GSA to expand K-12 programming at GSA Connects 2024, where I chaired a session for K-12 educators. My goal as 2024 EER Contributed Programs Chair is to finalize the standardized documents by June 2025 to ensure smoother operations for future chairs. Looking ahead, I plan to further elevate K-12 participation at NAGT events and other conferences.

Goals for NAGT work over the past year

Two goals were defined in my mid-year report.

- To streamline the process of the co-chair of the EER Contributed Programs Committee. The goal is to create standard documents to help future chairs in their role.
- To increase participation within the Far Western Section. Starting small with once-a-year event or monthly newsletters.

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

- Chair, K-12 Ad Hoc Committee
 - Lead an 8-member committee that meets monthly to strategize on engaging K-12 teachers and providing them with valuable resources.
 - o Distributed a quarterly newsletter to K-12 members to keep them informed of key initiatives and opportunities.
 - Participated in discussions about the future direction of our committee's work, based on emerging educational trends and needs.
 - Coordinated with Meaghan Cook to organize a virtual event featuring OEST awardees.
- OEST Coordinator, Far Western Section
 - The Far Western Section executive team met once over the past year to discuss future initiatives.
 - Our goal is to organize a field experience meetup with members by June 2025 and explore the possibility of launching a speaker series.
 - Hosted a social event at GSA Connects 2024 to increase visibility and gather ideas for member engagement.
- Collaboration with GSA



- Worked with Matt Dawson (GSA) to expand K-12 programming at GSA Connects 2024.
- Chaired the session Exploring Earth: Integrating Geosciences Across the K-12
 Curriculum, which was designed specifically for K-12 educators.

Progress towards goals: Other achievements and work relevant to NAGT

Streamlining the Contributed Programs Process for Earth Educators' Rendezvous (EER)

- As the EER is held biennially, I have not yet established standardized documents for the contributed programs process.
- My objective is to develop and finalize these documents by June 2025 to improve efficiency and consistency for future events.

Goals for NAGT work in the next year

My aim this year is to expand the presence of NAGT K-12 programming at NAGT events and other conferences, such as NSTA and NESTA, while increasing the K-12 voice in a professional community predominantly focused on higher education. The K-12 committee is also planning a session at GSA Connects 2025 and aims to organize a workshop or increase K-12 participation at the Earth Educators' Rendezvous (EER).

The fall of 2024 finds the eastern section active, financially secure, and actively engaging members in yearly conferences and other activities. Our spring 2024 meeting held the weekend of May 2,3,4 was attended by about 40 eastern section members. The meeting was held in Berkeley Springs, West Virginia and included an ambitious schedule of events beginning with a Thursday evening social gathering, share-a-thon of teaching materials, and the section business meeting. Friday morning member presentations included current research by students, teaching methods, and geoscience resources for use in and outside the classroom. Friday afternoon members were treated to a tour and collecting opportunity at the US Silica Plant and Quarry in Berkeley Springs. The local geology exposed within the open pit mining operation provided excellent examples of Appalachian Mountain deformation.

Saturday included a full day field trip along the historic C&O Canal, as well as the structural geology features found along Round Top Hill in Hancock Maryland.

The eastern section continues to have an excellent response to the OEST recognition program as well as our own in-house eastern section awards that include the Digman, Moss, and Distinguished Service awards.

Callan Bentley; section editor, continues to produce the eastern section "Bulletin"; our section newsletter which is published four times each year. Members are encouraged to submit their contributions to the Bulletin and have always responded by providing a wide variety of narratives and geoscience related articles. Each issue of the Bulletin is uploaded to our eastern section site on the National NAGT website.

As a result of the Thursday business meeting it was decided to:

- A. Retain the current executive officer positions of President, Vice-President, Secretary and Treasurer until the spring of 2025 when the section will participate in the new online voting system.
- B. Appoint Amy Baer, science teacher from Gateway School District in Monroeville, Pennsylvania, as the new awards chairperson for the eastern section.
- C. Amend our eastern section bylaws to include requirements for holding the office of President, Vice-President, Secretary, Treasurer. Other committee chairs and state councilors will be non-elected positions, and be by appointment and voluntary.
- C. Hold the spring 2025 meeting in Erie, Pennsylvania during the weekend of May 1,2,3. The 2025 meeting will follow the same type of schedule the eastern section has traditionally used for past meetings. Section members Mike and Amy Baer will organize and host the meeting.

The eastern section was saddened to hear about the passing of our long time member Frank Revetta; who, at the age of 96 passed away on September 15, 2024.

Frank was a long time member of eastern section and he was present at every eastern section meeting; always presented demonstrations and workshops on earthquakes and seismology. Frank Revetta was known as the "Earthquake Man"; a faculty member of the Geology Department at SUNY Potsdam for 50 years; quite an awesome accomplishment. Frank served as our section treasurer for many, many years; maintaining financial records, membership lists, and keeping a watchful eye over the funds of the eastern section. Frank would always bring along hundreds of handouts for members that included seismograms, earthquake maps, and sub-surface seismic surveys; many of which members used within their introductory geology courses. Frank was a true geoscience educator, passionate about geology and dedicated to teaching his students. The eastern section has lost to time one of our original members; and we will miss him.



Frank Revetta



Several eastern section members at the US Silica Quarry field trip during the 2024 meeting

Eastern Section Officers and chairs for 2024-2025:

President and Archivist; Steve Lindberg, minerlight@atlanticbb.net or slindber@pitt.edu

Vice President; Mike Baer, mwbaer@yahoo.com

Secretary; Mike O'Donnell, modonnell@laurelridge.edu

Treasurer; Renee Aubry, raubry@otunet.com

Editor; Callan Bentley, CBentley@pvcc.edu

Awards Chair (OEST, Section Awards), Amy Baer, sciencebaer@gmail.com

Respectfully submitted,

Steve Lindberg

Eastern Section President

October, 2024

Section/Division Financial Statements

Name of Section/Division
Year Ending
7/16/05

Bank Information
Bank Name & Location
Type of Account
Port Chester Teachers Federal Credit Union, Port Chester, NY
Checking

Please fill out the following information

Bank Account	Currer	•	Previous Year			
	Beginning Balance	\$	11,297.31	Beginning Balance	\$	13,857.19
	Ending Balance	\$	7,513.26	Ending Balance	\$	11,297.31

Income	Current Year	Previous Year
National Dues	\$ 632.50	\$ 1,360.00
Interest	\$ 51.87	\$ 30.35
Field Guides/Publications		
Donations	\$ 448.00	\$ 805.00
Other* please specify		
Total	\$ 1,132.37	\$ 2,195.35

Expenses	Current Year	Previous Year
Awards	\$ 2,250.00	\$ 1,000.00
Meetings/Conferences	\$ 2,415.39	\$ 3,744.91
Bank Fees	\$ -	\$ -
Postage	\$ 51.03	\$ 10.32
fundraising	\$ 200.00	\$ -
Total	\$ 4,916.42	\$ 4,755.23

Summary	Current Year		Previous Year
Beginning Balance	\$	11,297.31	\$ 13,857.19
Income	\$	1,132.37	\$ 2,195.35
Expense	\$	4,916.42	\$ 4,755.23
Ending Balance	\$	7,513.26	\$ 11,297.31
Ending Balance from Above	\$	7,513.26	\$ 11,297.31
Difference	\$	-	\$ -

**if there is a discrepancy, please state why below:						

NAGT Far Western Section 2023-2024 Annual Report

Submitted 11 Oct 2024 by Mark Boryta, Past President

Executive Summary

We have a new slate of officers (see below), with one vacancy. Our membership is beginning to rise slightly since the pandemic, despite another season with little activity. Our goals for the coming year are to update our by-laws, to host one or more one-day conferences in more localized regions of our section, and to start a virtual lecture series on topics of interest to our members. We also hope to increase the usefulness of our presence at GSA section meetings.

Newly-Elected Section Officers

President: Randy Adsit, East Los Angeles College, Monterey Park, CA, radsit@mac.com

First Vice President and Newsletter Editor: Mark Boryta, Mt. San Antonio College, Walnut, CA, mboryta@mtsac.edu

Second Vice President: Vacant

Secretary/Treasurer: Gene Pearson, University of the Pacific, Stockton, CA, epearson@pacific.edu

Publications Coordinator: Paul Troop, retired, Oakdale, CA, paul.troop@sbcglobal.net

Scholarship Coordinator and contact for OESTA: Nancy Chen, Harvard-Westlake School, Studio City, CA, nchen@hw.com

Website Manager: Angela Daneshmand, Santiago Canyon College, Orange, CA, Daneshmand_Angela@sccollege.edu

Past President: Mark Boryta, Mt. San Antonio College, Walnut, CA, mboryta@mtsac.edu

Executive Committee Liaisons (appointed by National):

Lynsey LeMay and Mitchell Bender-Awalt

Membership and Goals

Our membership rose from 172 active members in 2022 to 183 in 2023 to 191 in 2024. We hope to reach out to lapsed members as well as to modernize our outreach and attract new members by revitalizing our FaceBook page, maintaining an Instagram account and refreshing our section homepage at https://nagt.org/nagt/sections/farwest/index.html.

Announcements about section activities will be more fluid and flexible via our social media presence; this new capability should make it more practical for members to find out about new events (virtual lectures/chats, workshops and conferences) as they are planned. We will still maintain a biannual electronic newsletter that will highlight OEST Awardees and other notable events.

We are beginning the process of updating our by-laws and intend to make use of the templates being produced by our friends at the National level.

Section/Division Financial Statements

Name of Section/Division	Fae Western Section	
Year Ending	8/31/24	
Bank Information		
Bank Name & Location		Tri Counties Bank, Modesto CA
Type of Account	Checking	

Please fill out the following information

Bank Account	Current Year			Previous Year			
	Beginning Balance	\$	28,249.57	Beginning Balance	\$	27,824.29	
	Ending Balance	\$	28,808.32	Ending Balance	\$	28,249.57	

Income	Current Year	Previous Year
National Dues	\$ 907.88	\$ 442.50
Interest	\$ 2.87	\$ 2.79
Field Guides/Publications	\$ 20.00	
Scholarship Fund	\$ 200.00	
FWS Confwerence Inco	\$ -	\$ 2,350.92
Total	\$ 1,130.75	\$ 2,796.21

Expenses	Cı	urrent Year	Previous Year
Awards	\$	-	\$ -
Meetings/Conferences	\$	67.00	\$ 2,347.03
Pair Networks	\$	-	\$ 23.90
Field Guide Expenses	\$	5.00	\$ -
GSA Ed Reception	\$	500.00	\$ -
Total	\$	572.00	\$ 2,370.93

Summary	Current Year			Previous Year
Beginning Balance	\$	28,249.57	\$	27,824.29
Income	\$	1,130.75	\$	2,796.21
Expense	\$	572.00	\$	2,370.93
Ending Balance	\$	28,808.32	\$	28,249.57
Ending Balance from Above	\$	28,808.32	\$	28,249.57
Difference	\$	-	\$	-

**if the	re is a discrepan	cy, please state w	vhy below:		

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	Division Financial Section/Division Nor														
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Type of Account			ched	king											
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	Bank Account		Current Year					Previous Year							
		Beginn	Beginning Balance		\$ 3,683.18		Beginning Balance			\$ 3,453.18					
		Ending	Ending Balance		\$ 3,895.68		Ending Balance		\$ 3,683.18						
	Income National Dues Interest		Current Year							Previo	us Yea	r	I		
			\$ 212.50					Previous Year							
			212.30					\$ 230.00							
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	Expenses	Current Year					Previous Year								
	Awards						-						-		
	Meetings/Conferences	\$					-	\$					-		
	Bank Fees	\$					-	\$					-		
	Other*please specify	\$ -					\$ -								
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	Summary			Currer	t Year					Previo	us Yea	r			
		_										2.4	53.18		
	Beginning Balance	\$				3,6	33.18	\$				3,4	33.10		
	Beginning Balance Income	\$					33.18 12.50	\$					30.00		
	Income	\$				2:		\$				2			
	Income Expense	\$				3,89	12.50	\$				3,6	30.00		
	Income Expense Ending Balance Ending Balance from	\$ \$				3,89	12.50 - 95.68	\$ \$				3,6	30.00		
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	Income Expense Ending Balance Ending Balance from Above	\$ \$ \$ \$ \$	ease stal	te why b	elow:	3,89	- 95.68	\$ \$ \$				3,6	30.00		
	Income Expense Ending Balance Ending Balance from Above Difference	\$ \$ \$ \$ \$	ease stal	te why b	elow:	3,89	- 95.68	\$ \$ \$				3,6	30.00		

NAGT North Central Section

2023 - 2024 Report

Executive Summary

With the change of new sections, we have two new officers and several vacancies available (see below). We had 251 members this year. Through several marketing and email pushes, we were able to gather some interest in participating at an officer level, which allowed us to bring in a new president and treasurer and a state representative. We are still hoping to do more. We had representatives at the Earth Educator's Rendezvous. As we start to build a group of more active participants in our section, our hope is that we will have a larger presence at GSA in the future and have filled our officer section by the end of next year.

Newly-Elected Section Officers:

<u>President:</u> Michelle Cauley, Dakota College at Bottineau, Bottineau, ND <u>michelle.cauley@dakotacollege.edu</u>

Vice-President: Vacant

Second Vice President: Vacant

Secretary/Treasurer:

<u>Publications Coordinator:</u> Michelle Cauley, Dakota College at Bottineau, Bottineau, ND <u>michelle.cauley@dakotacollege.edu</u> (until one is found)

Membership and Goals:

Our section has 251 members, but the membership responds very little to messages or calls for action. Our goals this year include bringing more participation to our section, getting our membership numbers up and creating some surveys to bolster participation. The President is still very new to the entire organization and is learning what all encompasses this work but is making steps towards figuring it all out. We would like to have a social media presence like other sections and more emphasis put on celebrating what our NAGT section members are doing in their locations and communities to support geoscience education.

NAGT Pacific Northwest Section

2023 - 2024 Annual Report

Executive Summary

The section leadership remained unchanged for 2024. Membership was steady from past years.

We hosted a successful 2024 annual conference in Yakima Washington with 19 participants. Our

goals for the next year include a June 26-28th 2025 conference in Portland Oregon to be held

beside the Cascadia Region Earthquake Science Center stakeholder meetings. We also look

forward to hosting several online presentations in fall and spring, working towards improving

shared teaching resources in the PNW region, helping connect K-12 teachers with college and

university experts, and updating our bylaws.

Leadership (as of June 2024 onwards):

President: Craig Nichol, University of British Columbia, Okanagan, Kelowna BC,

craig.nichol@ubc.ca

Vice President: Crystal Huscroft, Thompson Rivers University, Kamloops BC, chuscroft@tru.ca

Second Vice President: Jacob Selander, Highline College, Des Moines, WA

jselander@highline.edu

Secretary: Jodie Harnden, Sunridge Middle School, Pendleton, OR, iharnden@pendletonsd.org

Treasurer: Zachary Schierl, Yakima Valley College, Yakima, WA zschierl@yvcc.edu

Newsletter Editor: Todd Redding, Okanagan College, Penticton, BC, tredding@okanagan.bc.ca

OEST Coordinator: Derek Turner, Douglas College, New Westminster, BC,

turnerd1@douglascollege.ca

Past President: Derek Turner, Derek Turner, Douglas College, New Westminster, BC,

turnerd1@douglascollege.ca

Website Coordinator: Zachary Schierl, Yakima Valley College, Yakima, WA zschierl@yvcc.edu

Councilors:

1

Alaska: Sonia Nagorski, University of Alaska Southeast, sanagorski@alaska.edu

British Columbia: Todd Redding, tredding@okanagan.bc.ca; Derek Turner,

turnerd1@douglascollege.ca; Saoirse MacKinnon (saoirse.mackinnon@ubc.ca);

Idaho: Vacant

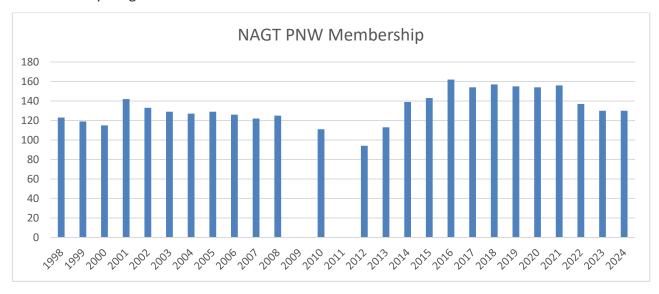
Oregon: Steve Carlson, nativelement@me.com Washington:

Vacant

Yukon: Vacant (no members)

Membership

Membership has remained steady from 2023 to 2024. We reached out to past members to encourage re-enrollment, and to survey them to determine why their membership lapsed and if there was anything that we could offer them.



Total membership (Sept 2024): 134

United States

Alaska: 9 California: 1 Idaho: 21 Kansas: 1

Massachusetts: 1 Montana: 2 North Carolina: 1 Oregon: 31

Virginia: 1 Washington: 41

Canada

British Columbia: 24

NAGT Pacific Northwest Section: 2023 2024 Annual Report

Goals of the previous year and progress towards them:

We aimed to reach out to members to find out how we could better serve them. We conducted a

survey of the membership in Fall 2023 and gathered feedback.

We aimed to have some virtual talks during the year, which had been popular during COVID. We

were able to book two talks in Jan to April 2024.

Other section/division activities:

OEST Awards

OEST Award Winner: Byron Free, Scio High School in Scio, Oregon.

BC OEST Winner: Clayton Fox, Collingwood School in West Vancouver, British Columbia

Newsletters:

The section published a newsletter in Winter 2024.

https://nagt.org/nagt/organization/northwest/news.html).

Annual Meeting:

The Pacific Northwest Section met in person this year from June 17 to 19, 2024 at Yakima Valley

Community College in Yakima, Washington. The meeting was hosted by Zachary Schierl, Suki

Smaglik and Katherine Solada. There were 19 registrants for the conference.

The conference included a day of talks and discussions at YVCC. There were then two field trips.

The first field trip went up the Old Blewett Pass highway towards Leavenworth to view Eocene

fluvial sediments and fossils. The second field trip explored the geology of the highway 12

corridor following the Naches and Tieton rivers towards Mt Rainier.

Goals for future work

Annual Meeting: We are excited to be already planning out our 2025 meeting to be held June 26-28,

2025 in person in Portland Oregon at the University Oregon Concordia Northeast Campus. The meeting

will be hosted by Mount Hood Community College and the University of Oregon. The meeting will be

3

held alongside the Cascadia Region Earthquake Science Center (CRESCENT) annual stakeholder meetings at the University of Oregon. There are plans for a joint working group on geoscience education related to hazards.

Councilors: We plan to review the membership list and reach out to new councilors for those areas without active councilors.

Virtual events: We want to try to host two online events in the fall, and two in the spring to keep membership connected to each other. Our plan is to use two of those meetings to highlight emerging educators in the Pacific Northwest and across NAGT.

Sharing resources: We want to develop a way for members of the PNW section to share resources such as lecture materials, lab materials or field trip notes.

Experts list for K-12: We will try to collect a list of members from 2YC or 4YC who are willing to act as "experts on call" for K-12 teachers in the Pacific Northwest. This list will be published in the section newsletter.

Update Bylaws: The section bylaws have not been altered since around 2001. The executive hopes to work with National to work on a new set of bylaws for the section.

Section Grants: We plan to explore ways to see if our accumulated reserve funds could be used to offer grants to section members to help members advance their professional development, or to help fund new teaching initiatives that benefit the PNW membership.

Section Travel Grants: The section will explore having funding to help members attend the annual section meeting.

Financial Report, NAGT Pacific Northwest Section

The section financial report for the past year has been submitted separately online.

Section/Division Financial Statements

Name of Section/Division Pacific Northwest Section

Year Ending 6/30/24

Bank Information

Bank Name & Location Bank, 10 S 1st Ave, Walla Walla, WA 99362

Type of Account Checking

Please fill out the following information

Bank Account	Current Year			Previous Year			
	Beginning Balance	\$	16,447.04	Beginning Balance	\$	16,101.30	
	Ending Balance	\$	16,762.30	Ending Balance	\$	16,447.04	

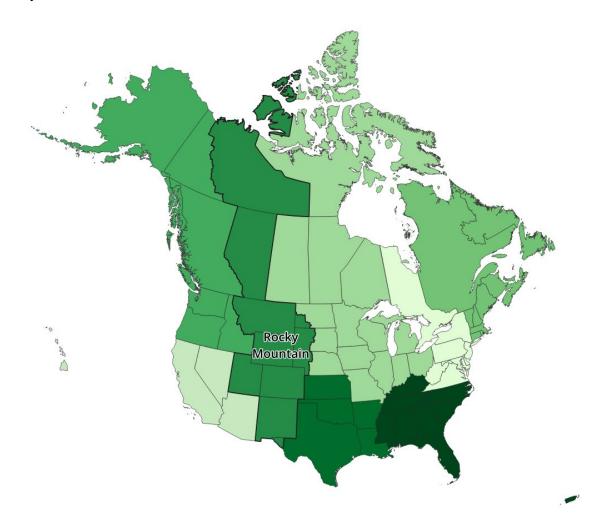
Income	Current Year	Previous Year
National Dues	\$ 325.00	\$ 342.50
Interest	\$ 3.31	\$ 3.24
Field Guides/Publications	\$ -	\$ -
Summer Conference Registration	\$ 1,781.25	\$ -
Other*please specify	\$ -	\$ -
Total	\$ 2,109.56	\$ 345.74

Expenses	Current Year	Current Year
Awards	\$ -	\$ -
Meetings/Conferences	\$ 1,727.30	\$ -
Bank Fees	\$ -	\$
Booth at Cordilleran G	\$ 67.00	\$ -
Other*please specify	\$ -	\$ -
Total	\$ 1,794.30	\$ -

Summary	Current	: Year	Current Year
Beginning Balance	\$	16,447.04	\$ 16,101.30
Income	\$	2,109.56	\$ 345.74
Expense	\$	1,794.30	\$ -
Ending Balance	\$	16,762.30	\$ 16,447.04
Ending Balance from Above	\$	16,762.30	\$ 16,447.04
Difference	\$	-	\$ -

^{**}if there is a discrepancy, please state why below:

NOTE: Some expenses for the summer 2024 conference were reimbursed after the end of the fiscal year and will appear on next year's financial report.



Rocky Mountain Section of NAGT: CO, MT, western ND, western NE, NM, western SD, western TX, UT, WY, Alberta, and Northwest Territories

Executive Summary:

The NAGT RMS section completed it's first full year as a section. We were able to successfully recruit and award OEST members from 3 different states from our section. We are planning to have a larger presence at the GSA RMS section meeting in May 2025 in an effort to recruit additional members and encourage section leadership. We are still recruiting for state representatives and for a replacement for the president's position which is currently interim.

Annual Report 2024 Rocky Mountain Section

Leadership:

Interim President: Emily Geraghty Ward

Secretary/Treasurer: Mary Kosloski
OEST Award Chair: Cheryl Manning

Currently searching for president and state representatives to help with section activities.

Membership: (As of 9/5/24)

Current members: 93

Lapsed members since 2023: 341

Our leadership team reached out to lapsed members and asked folks to re-up their membership. We also contacted our current members to inquire about serving as a state representative and to ask for nominations for the OEST award. We will focus efforts on trying to re-engage past members.

Goals from the previous year

- Introduce the new section boundaries and interim leaders to the RMS members
- Identify representatives from the states comprising the new section
- Reach out to people leading geoscience education efforts at the Rocky
 Mountain Section of the Geological Society of America meetings, offer
 endorsement of their topical sessions, etc. Consider social events at the
 RMS meeting in Spokane to get the word out about the RMS section of
 NAGT.
- Promote OEST call for nominations to RMS states, with partner networks

In our first year as section leaders, we reached out to our RMS listserv of current members to introduce ourselves and describe the new section. We also made a broad call for state representatives but were not successful. We tried identifying members with whom members of the leadership team had personal relationships in hopes that we could coax people into volunteering, but again, with no luck.

Our section co-hosted the NAGT Booth at the joint Rocky Mountain – Cordilleran Section meeting of the Geological Society of America 2024 in Spokane this past May. We were too late to offer sponsorship of any sessions, but we already have a plan to be more involved in the RMS GSA conference in Provo in 2025. We have drafted a technical session proposal for a poster session dedicated to geoscience research conducted by students – Convened by Cheryl Manning. Our hope is that both HS and undergraduate students participate in the session and we plan to invite the 2024 OEST Award Winners to present student work at the conference should they be able. We also plan to reach out to technical session organizers to identify any education related submissions so that we can offer NAGT RMS sponsorship to submission leads. Lastly, we are also interested in hosting a booth again this year but will need volunteer help to make it happen. If our session is accepted, we will begin recruiting for volunteer assistance for the booth.

We were successful in promoting a broad OEST call for nominations to the RMS states this year. We had five nominations for the RMS OEST award. Nominations came from Montana, Colorado, and Wyoming. The award winners were:

- Rocky Mountain Section Winner: Lesley Urasky (Wyoming)
- State Award Winners:

Colorado: Matt Thomas

Montana: Tom Caffrey

Wyoming: Lesley Urasky

Goals for the upcoming year

We have decided to focus our time and resources on two efforts in hopes of increasing our RMS NAGT membership numbers and recruiting state representatives.

- 1. Increase visibility at future RMS GSA sessions to promote RMS NAGT efforts
 - a. Booth
 - b. NAGT RMS specific technical sessions
 - c. Offer sponsorship of education sessions
 - d. No-host social
- 2. Promote OEST nominations broadly across member and lapsed member lists and partner networks.

Section/Division Financial Statements

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Near Ending December 2 2024								
k Information								
Bank Name & Location				Н	leld at NAGT			
Type of Account								
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Bank Acco			nt Year		Previo	us Year		
		Beginning Balance	\$ -		Beginning Balance			
		Ending Balance	\$ 2,447.4	40	Ending Balance			
Incom	e	Currer	nt Year		Previo	us Year		
National Dues		\$	227.!	50				
Interest								
Field Guides/Publicati	ions							
SW Section Rea		\$	1,084.	79				
NC Section Rea	alignmei	\$	1,201.	11				
	Total	\$	2,513.4	40	\$		-	
Expense	es	Currer	nt Year		Previo	us Year	·	
Awards		\$	=		\$		-	
Meetings/Confere	ences	\$	66.0	00	\$		-	
Bank Fees		\$	-		\$		-	
Other*please spec	ify				\$		-	
Other*please spec	ify				\$		-	
	Total	\$	66.0	00	\$		-	
Summa	ıry	Currer	nt Year		Previo	us Year		
Beginning Bala	nce	\$	-		\$		-	
Income		\$	2,513.4	40	\$		-	
Expense		\$	66.0	00	\$		-	
Ending Balance	9	\$	2,447.4	40	\$		-	
Ending Balance Above	e from	\$	2,447.4	40	\$		-	
Difference		\$	-		\$		-	
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Section/Division Financial Statements

Name of Section/Division	Southeastern Section of the National Association of Geoscience Teachers
Year Ending	8/31/24
Bank Information	
Bank Name & Location	The First Bank, Starkville, MS
Type of Account	Checking

Please fill out the following information

Bank Account	Current Year			Previo	us Year	
	Beginning Balance	\$	6,662.30	Beginning Balance	\$	5,815.06
	Ending Balance	\$	6,212.20	Ending Balance	\$	6,662.30

Income	Current Year	Previous Year
National Dues	\$ 498.	8.08 \$ 1,000.00
Interest		
Field Guides/Publications		
Other*please specify	\$ 166.	6.33
Other*please specify		
Total	\$ 664.	4.41 \$ 1,000.00

Expenses	Current Year	Previous Year
Awards	\$ -	\$ -
Meetings/Conferences	\$ 1,114.51	\$ 152.76
Bank Fees	\$ -	\$ -
Other*please specify	\$ -	\$ -
Other*please specify	\$ -	\$ -
Total	\$ 1,114.51	\$ 152.76

Summary	Current Year	Previous Year
Beginning Balance	\$ 6,66	62.30 \$ 5,815.06
Income	\$ 66	64.41 \$ 1,000.00
Expense	\$ 1,11	14.51 \$ 152.76
Ending Balance	\$ 6,21	12.20 \$ 6,662.30
Ending Balance from Above	\$ 6,21	12.20 \$ 6,662.30
Difference	\$	- \$ -

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Other income	was from NAG1	Γ payment #SRF-	-041124		

South-Central Section Annual Report

Executive Summary

The South Central section recently held its inaugural election, appointing a president, vice president, and secretary/treasurer. The leadership team is actively collaborating with state representatives to formulate a strategic plan for the section. As a newly established section, the leadership is focused on expanding membership and enhancing member engagement. A key priority is to increase the section's presence in K-12 education by organizing events designed to attract and involve K-12 educators and students in NAGT activities. Additionally, the leadership is in the process of evaluating the section's budget, a task that remains ongoing since the recent election of the treasurer.

Leadership (officers)

- President Sabrina Ewald (TX)
- V.P. Dawn Chegwidden (TX)
- Secretary and Treasurer Liane Stevens (TX)

OEST Chair - Vacant

State Representatives

Arkansas - Vacant

Kansas - Vacant

Coklahoma - Aaron Ball

Texas - Alison Mote

Louisiana - Chris Campbell

Budget for Fiscal Year

• On-going evaluation as new treasurer receives appropriate documents and information.

Membership

• There are currently 123 active memberships for the South-Central section.

Type of Membership	# of members
Regular memberships	79
Adjunct memberships	4
K-12 memberships	11
Student memberships	21
Retired memberships	5
Sustaining membership	3

Memberships per state:

STATE	# of Members/State	% of Total Section Membership	% of State Membership that are K-12 educators
Arkansas	7	5.7%	29%
Kansas	5	4.1%	0%
Louisiana	7	5.7%	0%
Oklahoma	14	11.4%	7%
Texas	77	62.6%	10%
Misc States (AZ, FL, IL, MO, NC, ND, Kuwait)	13	10.6%	

Current status of section

- In early 2024, interim leadership (Sabrina Ewald and Dawn Chegwidden) reviewed OEST submissions for each state.
 - Awarded the first South Central Section OEST award to Tabetha Hollin, an educator in Arkansas.
 - No state awards for 2024.
- The South-Central section elected its section officers. Officers are collaborating with state representatives to devise a plan to increase membership and provide opportunities for engagement with section members.
 - The South Central Section page on the NAGT website has been updated with all current information.
 - Leadership is coordinating a schedule for meetings as an executive committee and meeting with state representatives to ensure goals are being met and evaluating section initiatives.
- Currently seeking an OEST Chair and state representatives for Arkansas and Kansas.

Goals for future work

- The newly elected treasurer will evaluate the current budget and report on its status.
- Communicate with current members to provide information concerning the new section, elected leadership, and future positions in need of fulfillment.
- Currently 477 lapsed memberships are in the South Central section.
 - State representatives will assist in reaching out to these members and encourage to renew their membership.

 Section communication to all lapsed memberships to encourage to renew and provide information related to member opportunities to engage with other South Central members.

Lapsed Membership Statistics

STATE	# of lapsed memberships
Arkansas	30
Kansas	36
Louisiana	44
Oklahoma	30
Texas	255

^{**74} lapsed memberships are in other states and/or countries

- 13 active memberships reside in states outside of the section. Actively communicating
 with the NAGT office and with those members to ensure the chosen section is correct.
- Seeking an OEST Committee Chair to work with executive leadership to review OEST applications/nominations.
 - OEST chair will communicate to members when the application window is open and communicate the final deadline to receive applications.
 - Actively advertise the award to increase applications/nominations.
- Develop a strategic plan to increase membership for each state and specifically focus on increasing K-12 membership in each state. Confer with the K-12 Ad Hoc Committee to coordinate recruiting efforts and communication of K-12 resources being developed.

Activities/Events to engage with membership:

- Sponsor field trip for K-12 teachers? Organized by state reps and hosted in the state.
- Organize and sponsor socials at GSA section conferences
- Events to increase student interest in pursuing geoscience careers
- Offer gift cards for attendance to Zoom meetings/webinars
- Host Zoom virtual event to receive input from members to help the section become active in the geoscience community:
 - O What do our members need?
 - Important topics to focus?
 - How to generate student interest in pursuing geoscience careers?
 - Does your institution currently offer K-12 outreach and what are those opportunities?

Other ideas/initiatives being explored:

- Ask higher ed members to create a 1-page flyer containing degree and career information that can be shared with K-12 teachers and students.
- Ask higher ed members if their institution currently has any K-12 outreach efforts for teachers and/or students. Highlight these efforts in the South Central newsletter and website.
- Host webinars for K-12 teachers and students highlighting careers in different geoscience fields.
 Webinars can be state-specific and hosted by higher ed or industry.
- GSA South Central meeting is in Conway, AR March 9-11, 2025. Look to organize South Central events.
- Provide a web presence with K-12 professional development opportunities. These PD events focus on geoscience content. PD opportunities are organized by state and state reps help maintain the list and ensure opportunities listed are up-to-date.
- Fundraiser to help K12 teachers with membership? \$55.

South Central Section - Financial Report 2024

South Central section did not use any funds during 2024.	
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2YC Division 2024 Annual Report

(Division homepage: https://nagt.org/nagt/divisions/2yc/index.html)

I. Leadership:

- President: Cheryl Resnick, Illinois Central College, East Peoria, IL (2023-2024)
- Vice President: Sean Tvelia, Suffolk County Community College, Long Island, NY (2023-2024)
- Secretary/Treasurer: Angela Daneshmand, Santiago Canyon College, Orange, CA (2022-2025)
- Newsletter Editor: Karen Layou, Reynolds Community College, Richmond, VA (2023-2026)
- Webmaster: Karen Layou, Reynolds Community College, Richmond, VA (2023-2026)
- Archivist: Pete Bergquist, Virginia Peninsula Community College, Williamsburg, VA (2023-2026)
- Past President: Becca Walker, Mt. San Antonio College, Walnut, CA (2022-2023)

II. Membership:

As of September 2024, the Geo2YC Division has 224 active members and 12 lapsed members. Membership was a focus of our leadership team this year, and we feel we made some progress in showcasing the benefits of membership to the broader 2YC geoscience educators through sponsored sessions, field trips, and social engagements at the 2024 Earth Educators Rendezvous in Philadelphia and at the annual GSA meeting in Anaheim.

III. 2023 goals and progress toward them

goal	progress
Establish Geo2YC Long Term Planning Committee.	The 1-year terms for President, Vice President, and Past President makes developing Division sustainable initiatives challenging. To that end, we discussed establishing a Geo2YC Division long-term planning committee, consisting primarily of past presidents of the Division, with longer terms to serve in an advisory and planning capacity. We have not yet created this committee.

committee. Cheryl Resnick participated in the NAGT email campaign" in early 2024 reaching out to 2YC members who adn't renewed their membership. We implemented a new Fireside Chat" series of monthly Zoom meeting with topics elevant to our Geo2YC colleagues and were pleased at the articipation of both established Geo2YC members and thers who attended 1 or more session. We encouraged articipants to share these chat links with colleagues to pread the word about NAGT Geo2YC Division membership
pread the word about NAGT Geo2YC Division membership enefits. Cheryl Resnick volunteered at the NAGT booth at the national GSA meeting in Anaheim, CA this year.
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IV. Other Geo2YC Division activities

- The Geo2YC Division held new officer elections in summer 2024. Effective October 2024, we welcome Vice President Beth Johnson to our leadership team.
- We published issues of *Foundations, the Geo2YC Division Newsletter*, in fall 2023, winter 2024, spring 2024, and summer 2024.
 - The Geo2YC Division started a monthly series of Zoom discussions titled "Fireside Chats" beginning in January 2024. We varied the topics, meeting dates, and times to allow participation from across the division. Participation ranged from 4-12 members sharing ideas on topics such as first day of class ideas, love/hate relationships with artificial intelligence (AI), post-pandemic experiences (how have you and your students changed?), teaching in the field, and how to make classic geoscience content relevant to today's students.
- The Geo2YC Division co-sponsored the 2024 *Developing and Writing NSF Proposals Virtual Workshop*.
- The Geo2YC Division endorsed several sessions for this year's annual GSA meeting, including 2YC and 4YC Geoscience Student Research Exhibition (student posters), and a pre-trip field trip titled "An Educator's Look at Southern California Geology".
- The Geo2YC Division approved several Faculty Development Grants to fund travel to conferences for members who presented sessions at Earth Educators Rendezvous or the annual GSA meeting.

V. Goals for future work

goal	notes
Establish Geo2YC Long Term Planning Committee.	This is a continuation from our 2023 goals. The 1-year terms for President, Vice President, and Past President makes developing Division sustainable initiatives challenging. To that end, we would like to establish a Geo2YC Division long-term planning committee, consisting primarily of past presidents of the Division, with longer terms to serve in an advisory and planning capacity.

Try some novel and tried and true strategies to recruit and retain Geo2YC Division members. Membership is always on our minds. In the next year, we will continue with membership recruitment and retention strategies, including establishing a recruitment subcommittee within the 2YC Division; reaching out to lapsed members via e-mail, continue with the monthly "Fireside Chats" as a recruitment tool, reach out to active members and ask them to tell a colleague or two about the benefits of Division membership, and have a volunteer presence at the NAGT booths at regional and national meetings when possible.

Respectfully submitted, Cheryl Resnick; President of NAGT Geo2YC Division, on behalf of the Geo2YC leadership

Section/Division Financial Statements

Name of Se	ection/Division NAG	I Geozyc Divis	ion		
	Year Ending 2024	1			
Bank Infor	mation				
Bank Na	me & Location			N/A	
Ty	ype of Account	Checking			
Please fill out	the following informat	tion			
	Bank Account	Currer	nt Year	Previo	ous Year
		Beginning Balance	\$ 12,106.70	Beginning Balance	\$ 11,475.13
		Ending Balance	\$ 12,977.12	Ending Balance	\$ 12,106.70
	Income	Currer	nt Year	Previo	ous Year
	National Dues	\$	1,563.87	\$	1,631.57
	Interest				
	Field Guides/Publications				
	Other*please specify				
	Other*please specify				
	Total	\$	1,563.87	\$	1,631.57
	Expenses	Currer	nt Year	Previo	ous Year
	Awards	\$	64.20	\$	1,000.00
	Meetings/Conferences				
	Bank Fees				
	Other*EER Social	\$	229.25		
	Other*EMRiver Pens	\$	400.00		
	Total	\$	693.45	\$	1,000.00
	Summary	Currer	nt Year	Previo	ous Year
	Beginning Balance	\$	12,106.70	\$	11,475.13
	Income	\$	1,563.87	\$	1,631.57
	Expense	\$	693.45	-\$	1,000.00
	Ending Balance	\$	12,977.12	\$	12,106.70
	Ending Balance from Above	\$	12,977.12	\$	12,106.70
	Difference	\$	-	\$	-
	**if there is a discrepa	ancy, please state why	below:		
		,			

NAGT-GER Division Annual Report

Report to the NAGT Executive Committee Geoscience Education Research Division September, 2024

Executive Summary

The Geoscience Education Research (GER) division exists to serve the needs of GER scholars within NAGT, including the desire to communicate the results from GER in support of the work of members across NAGT. Our key activities in the past year were convening a session at the annual GSA meeting entitled, "Making Sense of Methodologies and Theoretical Frameworks in Geoscience Education Research," and conducting the nomination and selection process for our division awards. Division activity was lower than previous years. However, following positive discussions among the leadership and with division members at the annual business meeting, we have a number of good ideas for the coming year.

Contents

- 1. Leadership (officers)
- 2. Membership
- 3. Division activities in 2023–24
- 4. Goals for future work
- 5. Concluding thoughts and welcome

1. Leadership

1.1. Current Division Officers

Past President: Emily Scribner

President: Chris Mead

Vice President: Caitlin Callahan Treasurer: Samuel Nyarko Secretary: Katie Boyd Media Director: vacant

Graduate Student Liaison: Kristen Foley

1.1. Division Officer terms beginning in October 2024

Past President: Chris Mead (1-year team)
President: Caitlin Callahan(1-year team)
Vice President: Larry Collins (1-year team)

Treasurer: Samuel Nyarko (3rd year of 3-year term) Secretary: Katie Boyd (2nd year of 3-year term)

Media Director: vacant

Graduate Student Liaison: Nina Morris (1st year of 2-year term)

2. Membership

As of September, 2024, the Division has 327 members. Our current membership demographics are summarized below:

Gender:

Men	Women	Non-binary	Undisclosed
29%	55%	1%	15%

Race:

American	Asian or	Black or	Hispanic Latinx	White	Other Race or	Undisclosed
Indian or	Asian	African	or of Spanish		Ethnicity	
Alaskan Native	American	American	Origin			
<1%	3%	3%	4%	70%	2%	18%

Disability:

Learning	Hearing	Visual	Mobility	Other disability or	No disability or	Undisclosed
				impairment	impairment	
1%	1%	<1%	2%	4%	68%	23%

3. Division activities in 2023-24

The Division held its inaugural meeting in July 2014 and continues working to carry out the original charge of meeting members' needs for competence, community, and agency that support career success (Bruce Hebert, 2014). In the past year, the Division did solicit nominations for awards and did name one winner. We also sponsored a rich and well-attended session on methods and theoretical frameworks at GSA. Beyond these concrete accomplishments, the Division leadership dedicated much of its monthly meeting time to an effort to identify a new, and achievable, direction for the Division in years to come.

3.1. Professional Meetings

The Division continues to lead, sponsor, and plan GER-focused conference sessions. These sessions mainly take place at regional and national conferences, including those hosted by the Geological Society of America (GSA) and the American Geophysical Union (AGU).

Since 2015, the Division has hosted a GER-focused topical session at GSA entitled "Making Sense of Methodologies and Theoretical Frameworks in Geoscience Education Research". This has become a reliable venue for GER scholars to share their research, network with colleagues, and identify potential collaborators for future projects. The GER Division chaired this topical session in the Fall 2024 "GSA Connects" meeting. One change this year was to offer a stipend to both of the invited speakers for this event. This both underscores the value of the time and expertise of these individuals and increases the chances that the Division is able to bring their chosen speakers to the meeting by reducing the speakers' financial burden.

The recently concluded GSA 2024 meeting was held in Anaheim, CA. The Division's session included 11 oral presentations with invited talks from Dr. Ángel Garcia (James Madison University) and Dr. Robyn Dahl (Western Washington University). Samuel Nyarko and Caitlin Callahan attended the meeting inperson and served as chairs for the session.

To support the communication and dissemination of information about GER methods and theoretical frameworks, the Division archives past presentations and presenter contact information when granted permission. The name of this webpage was changed this year to better reflect its contents and is now entitled "GER Presentations at GSA": https://nagt.org/nagt/divisions/geoed/GSApresentations.html.

3.2. External Communications

External communications have been extremely limited in the past year in large part due to the continued vacancy of the Media Director position. The future of such communication and the related question of the future role of the Media Director were among the topics the Division leadership discussed at length in the past year.

In the past, the GER Exchange newsletter was prepared and sent monthly during the academic year. This included job and funding opportunities, webinar and relevant professional development opportunities, and featured a research article highlight and a "Research Spotlight". These communications were surely valuable to many members, but it is also clear in retrospect that this put a comparatively heavy burden on the Media Director. Our discussions this year have been around how we might design a more modest program of external communication that would still advance geoscience education research while also being sustainable for the longer term as personnel within the Division change. Our hope is to shift to a model of publishing two newsletters, one per semester, with a narrower focus on new research. This would leave the more time-sensitive announcements to NAGT News and the Division listsery.

3.4. Internal Communications

The Division continues to use and update two internal tools that were initially established in 2018: an online archive and an annual calendar of responsibilities for the leadership team. These tools were created to prevent loss of institutional memory as officers cycle on and off of the leadership team. The archive contains annual reports, annual business meeting agendas, materials for the awards committee including a new awards manual and templates for letters and certificates, budget and financial reports, and various additional resources such as email templates, flyers, and surveys. The annual calendar is organized by officer and category (meetings and sponsorship timeframes, newsletter, elections and NAGT, awards, and finances). Officers have found the calendar extremely helpful to keep track of our various responsibilities throughout the year. The responsibilities included in the calendar are those outlined in the division bylaws as well as more pragmatic deadlines to help facilitate meeting those responsibilities. This calendar has been shared with other NAGT Divisions so that they can develop their own versions.

3.5. External Partnerships

The American Geophysical Union's Education Section now has a Geoscience Education Research (GER) Working Group, led by Dr. Laura Lukes. Given our Division's shared goals with this working group, we have had some exploratory conversations with Dr. Lukes about how our respective groups might work

together on future projects to bring greater benefits to members of both societies (and indeed there are many individuals who belong to both).

3.6. Awards

This was the first year that the revised awards process was implemented. This process was developed by Leilani Arthurs, Peggy McNeal, Emily Scribner, and Emily Ward. The awards committee was thankful to this team for providing all the necessary materials to implement the awards cycle.

This year, the Early Career Award received one new nomination and one nomination from a previous year was reconsidered. The Early Career Award was awarded to Dr. Samuel Nyarko at Indiana University Indianapolis. The Growth and Collaboration Award and the Transformation Award did not receive any nominations this year.

3.7. Finances

As established in 2018, the GER Division account is nested under the NAGT main account. The treasurer submits expenses to the NAGT executive office for payment. A major change for the division in terms of finances is that we increased honorarium for GER invited speakers to \$1000 per speaker. We had two invited speakers at GSA Connect 2024 in Anaheim so we have a reimbursement budget for \$2000 this year. We also spent \$302 for a social event at the 2023 EER. This brings division expenses to a total of \$2,302.00 for the fiscal year. As of October 1, 2024, the Division had an account balance of \$12,900.91.

4. Goals for future work

As discussed earlier, our Division remains in a period of transition. The level of activity of an organization such as this, being voluntary, will naturally ebb and flow with the interests and passions of the particular individuals who lead that organization. Looking ahead, as one example, we are considering how the Division may engage with and support members in years without the Earth Educators' Rendezvous, now that that meeting has progressed to an alternate year model. We also hope to begin more regular "virtual networking" events as a way for GER members to talk and share work outside of the usual conferences.

5. Thanks and welcomes

I am very grateful to Past President Emily Scribner for going beyond her formal duties in helping me to do things properly this year. I would also like to thank each of the other current leadership members—Caitlin, Sammy, Katie, and Kristen—who have each thoughtfully contributed to discussions over the past year about the future of this Division. This is the formal handoff to the next year's leadership group and we are welcoming on-board one returning member and one brand new one. I am happy to have Larry Collins (former Media Director) returning now as Vice President. And I am pleased to welcome Nina Morris as our new Graduate Student Liaison. I know that we are in good hands with Caitlin as President and I look forward to assisting in the coming year as Past President.

Chris Mead, on behalf of the 2023-24 NAGT-GER Executive Board:

President Chris Mead, Arizona State University
Past President Emily Scribner, Clemson University
Vice President Caitlin Callahan, Grand Valley State University
Treasurer Samuel Nyarko, Indiana University Indianapolis
Secretary Katie Boyd, University of Colorado Boulder
Graduate Student Representative Kristen Foley, Western Michigan University

Section/Division Financial Statements

Name of Section/Division	GER
Year Ending	8/31/24
Bank Information	
Bank Name & Location	
Type of Account	

Please fill out the following information

Bank Account	Current Year			Previous Year		
	Beginning Balance	\$	10,497.56	Beginning Balance	\$	9,379.48
	Ending Balance	\$	12,900.91	Ending Balance	\$	10,497.56

Income	Current Year	Previous Year
National Dues	\$ 2,403.35	\$ 2,389.81
Interest		
Field Guides/Publications		
Other* please specify		
Other* please specify		
Total	\$ 2,403.35	\$ 2,389.81

Expenses	Current Year	Previous Year
Awards	\$ -	\$ 469.73
Meetings/Conferences	\$ -	\$ 802.00
Bank Fees	\$ -	\$ -
Other*please specify	\$ -	\$ -
Other*please specify	\$ -	\$ -
Total	\$ -	\$ 1,271.73

Summary	Cı	urrent Year	Previous Year
Beginning Balance	\$	10,497.56	\$ 9,379.48
Income	\$	2,403.35	\$ 2,389.81
Expense	\$	-	\$ 1,271.73
Ending Balance	\$	12,900.91	\$ 10,497.56
Ending Balance from Above	\$	12,900.91	\$ 10,497.56
Difference	\$	-	\$ -

**if there is a discrep	ancy, please stat	e why below:		



Annual Report Teacher Education Division

2023-2024

Prepared by: Bridget Mulvey, President, TED

Executive Summary

The Teacher Education Division has a balance of \$4,061.09, with an additional \$2,120.00 set aside for the Awards fund. The division has 171 active members. A new Classroom Activity Award now has guidelines and rubric refined by division leadership and membership. The division is in need of a Media Director. Recruitment efforts were through email to our and ESPIRT's listservs. One person has expressed interest. TED began to post again on Facebook, highlighting tips from an interview with past Teacher Leader Award Winner Bryce Henderson. The division plans to submit pieces for In the Trenches on this and climate change resources. Next year's goals include to increase advertisement for TED-related awards, recruit a Media Director, increase social media presence, and reach out to lapsed members.

Leadership

President – Bridget Mulvey
Vice President - Daniel Capps
Vice President - Daniel Capps
Secretary/Treasurer – Wendi J. W. Williams

Interim Media Director – Bridget Mulvey
Past President – Christopher Roemmele
ASTE Liaison – Debbie French

Membership

- 171 active members, down from 200 last year (decrease of 29 members, or 14.5%).
- Our Media Director changed careers, leading to her to step down, leading to an extended lapse in division newsletters and no follow up with lapsed members.

Financial Health

- Division Account Balance reconciled up to and including 31 August 2024: \$4,061.09.
- In Awards fund: \$2,120.00

Goals of the Year and Progress

Goal 1. Teacher Award: Establish Classroom Activity Award for K-12 teachers, adjuncts and 2YC faculty.

Rubrics and guidelines have been modified to reflect TED leadership and membership feedback. Link to folder: TED Teacher Activity

Award(https://drive.google.com/drive/folders/1qBzMI4xkRQoneeBkxakmFAsAsIsCtS25?usp=drive_link)

Goal 2. DEI, Professional Development, and Social Media Outreach:

a. TED will establish a presence on one additional social media platform. Expanded Facebook presence.



The Media Director resigned due to a career change. Dan Capps reached out to ESPIRT to recruit for a new media director. No responses. Bridget Mulvey posted to Facebook and our TED listserv. One person has recently expressed interest.

There should be two In the Trenches pieces this academic year.

Debbie French, ASTE liaison, wrote a climate change resources article with edits from Bridget Mulvey.

Bridget Mulvey is writing *In the Trenches piece* on Bryce Henderson, past Teacher Award winner, to share this academic year.

b. TED will share at least two posts per semester on various social media platforms, ending with a question to engage people with emphasis on DEI-related discussions.

Bridget Mulvey took over as Interim Media Director.

She collected photos of her work with students on Earth and environmental science to share on social media, with descriptions of what worked, and teaching tips.

She interviewed past Teacher Award winner, Bryce Henderson. Posted about this on Facebook and is writing a related piece for *In the Trenches*.

Next Year's Goals

Goal 1. Advertise Teacher and Classroom Awards

Goal 2. Membership Engagement:

- a. Recruit a Media Director.
- b. Create one newsletter per semester.
- c. Reach out to lapsed members.
- d. Establish a presence on one additional social media platform.
- e. Continue to share at least two posts per semester on various social media platforms, NAGT newsletters, and/or *In the Trenches*, focused on engaging members and recruiting new ones for resources, teaching tips, and DEI-related discussions.

Section/Division Financial Statements

Name of Section/Division NAGT Teacher Education Division (TED)

Year Ending 2024

Bank Information

Bank Name & Location N/A (Resides with NAGT through SERC)

Type of Account N/A

Please fill out the following information

Bank Account	Currei	nt Year		Previo	us Year	
	Beginning Balance	\$	4,017.89	Beginning Balance	\$	2,947.29
	Ending Balance	\$	4,061.09	Ending Balance	\$	4,017.89

Income	Current Year	Previous Year
Div Dues <u>2023</u> Posted	\$ 1,400.00	\$ 1,218.60
Interest N/A	\$ -	
Field Guides/Pubs N/A		
Other: N/A		
Total	\$ 1,400.00	\$ 1,218.60

Expenses	Current Year	Previous Year
Div 2023 Dues Fees	\$ 46.00	\$ -
TLA 2023 Plaque + Ship	\$ 110.80	\$ 85.00
Trans TLA Match '23	\$ 600.00	\$ -
Trans TLA Match '24	\$ 600.00	\$ -
Total	\$ 1,356.80	\$ 85.00

Summary	Current Year	Previous Year
Beginning Balance	\$ 4,017.89	\$ 2,947.29
Income	\$ 1,400.00	\$ 1,218.60
Expense	\$ 1,356.80	\$ 85.00
Ending Balance	\$ 4,061.09	\$ 4,080.89
Ending Balance from Above	\$ 4,061.09	\$ 4,017.89
Difference	\$ -	\$ 63.00

^{**}if there is a discrepancy, please state why below:

TED Ledger received Oct 2024 has a 2023 luncheon charge of \$63 posted after 2023 Annual Report submission.

2024 Annual report Angela Hessler Editor-in-Chief, Journal of Geoscience Education

Executive Summary

This year marked an Editor-in-Chief transition as Kim Hannula completed and Angela Hessler began their respective terms. The editorial board remained steady with the exception of two new Associate Editors replacing two AEs who stepped down at the end of their terms. There are currently twelve AEs, 75% based in the U.S., two based in Europe, and one in Australia. One works outside of academia, and one has a dual position as a high school teacher.

JGE will publish a total of 35 papers over the course of four issues in 2024, including one theme issue (*Lessons learned, enduring ideas, and online resources created during the COVID-19 pandemic*) and three unofficial themes around representation, personal connections, and flexible thinking in geoscience.

New JGE submissions for 2024 are on track to increase somewhat over 2023, in line with 2022 numbers. There are enough papers in the backlog to fulfill our Taylor & Francis contract through 2025. A special issue on Informal Learning is planned and has been advertised, with a submission deadline of March 1, 2025. Submissions continue to originate mostly in the U.S., although in 2023 the proportion of non-U.S. submissions reached its highest level (~37%) since the move to T&F in 2018.

To date in 2024 the article acceptance rate is 55%, and median turnaround times for first decision and acceptance-to-publication are 44 and 22 days, respectively. Downloads for the first two quarters hit 43,000, on track with 2023 numbers.

Editorial Board

In October 2023, Kim Hannula (then outgoing EiC) began onboarding Angela Hessler in the role. Angela's 3-year term began January 1, 2024.

Also in October 2023, we recruited two new Associate Editors (Andrea Gerbaudo and Clara Vasconcelos). In addition, Heather Petcovic and Nicholas Soltis agreed to continue for an additional 3-year term, and Katherine Ryker and Peggy McNeal stepped down.

Current Editorial Board:

Editor-in-Chief, Position and Literature Review Editor: Angela Hessler

Curriculum & Instruction Editor: Karen Kortz

Research Editor: Alison Jolley

Associate Editors:

- Kelsey Bitting, Elon University
- Alexandra Davatzes, Temple University
- Andrea Gerbaudo, University of Turin
- Michael Hubenthal, EarthScope
- Charles R. Kerton, *Iowa State University*
- Elizabeth Lewis, University of Nebraska-Lincoln
- Samuel Cornelius Nyarko, Indiana University Indianapolis
- Heather Petcovic, Western Michigan University
- Ilyse Resnick, University of Canberra
- Emily Scribner, Clemson University
- Nicholas Soltis, University of Indianapolis
- Clara Vasconcelos, Porto University

Theme issues

1. Lessons learned, enduring ideas, and online resources created during the COVID-19 pandemic

The COVID-19 pandemic theme issue was published in 2024 as Volume 72, Issue 4. It includes fifteen manuscripts (three Position, six Research, six Curriculum & Instruction). As the theme issue editors state in their Editorial:

This special issue brings together papers describing lessons learned and resources created during the COVID-19 pandemic, with an emphasis on resources that have enduring value. The pandemic led to an explosion in online resources, but the rapid shift to online instruction forced the creation of resources outside of the normal supportive framework of mentoring, technical support, and advance planning typical of formal online course development programs. In addition, the pivot happened within the broader context of departmental, institutional, and societal crisis. Nonetheless, the continued use of many resources created in response to the required move to online instruction indicates that they have enduring value. In addition, many of these resources are now being used to support in-person instruction.

The COVID-19 pandemic theme issue editors were:

- Mark Abolins, Middle Tennessee State University
- LeeAnna Chapman, Davidson College
- Reginald Archer, Tennessee State University
- Rachel Teasdale, California State University Chico

2. Parks, Programs, Daily Life: Geoscience Learning Beyond the Classroom

An Informal Learning theme issue was proposed in June 2024 and has a submission deadline of March 2025. A Call for Papers was advertised in the editorial for JGE Issue 72(3) as well as through Taylor & Francis in late July 2024. To help with planning, an online 'expression of interest' submission process was developed through NAGT with an end-December deadline; as of October 1, 2024, there have been four queries.

The Call for Papers states:

The Journal of Geoscience Education is soliciting manuscripts for a special issue on geoscience learning that occurs outside formal education, as in informal and non-formal learning. This can include but is not limited to the exposure to and voluntary contemplation of geoscience through experiences with parks, geoheritage sites, museums, institutes, community programs, libraries, and daily life.

We welcome papers that feature, for example, non-formal programming, media, interpretation, exhibits, and curricula, including virtual and online. We invite papers that address our informal interactions with natural processes and their influence on cognition. We are also interested in manuscripts that place informal and non-formal learning within historical and social contexts, and manuscripts looking toward change and opportunity.

The guest editors for the Informal Learning issue are:

- Renee Clary, Mississippi State University
- Joy Hobbs & Evelyn Ronning, Science Museum of Minnesota
- Diamantino Pereira, Universidade do Minho
- Robert Ross, Paleontological Research Institution
- Steven Semken, Arizona State University
- Erika Vye, Great Lakes Research Center

Submissions

The number of submissions to JGE in 2024 to date is overall comparable to 2022 and, for new submissions, higher than 2023 (Table 1). As of September 30, 2024, there are 23 manuscripts in review, 20 in revision, and 22 papers in the current backlog, which are papers that are published online but have not been assigned to an issue. Our contract with Taylor & Francis is for a minimum of 24 papers to be assigned an issue each year, so we are on track to have enough manuscripts to fulfill the contract in 2025.

Research articles continue to make up the majority of article types submitted to JGE, and the relative proportion of article types has not much changed over the prior two years (Table 2). In late 2023, JGE worked with T&F to change the name of Commentary articles to 'Position,' which allowed these papers to be more appropriately tagged in T&F's system.

Table 1. Monthly submissions, 2022 - 2024. September 2024 includes submissions through September 30, 2024. Data from monthly editor reports.

Month		2022			2023			2024	
	New	Revised	Total	New	Revised	Total	New	Revised	Total
Jan	5	9	14	5	10	15	4	7	11
Feb	6	5	11	3	7	10	3	2	5
March	5	9	14	2	9	11	2	11	13
April	3	6	9	4	7	11	4	10	14
May	2	7	9	6	8	14	6	8	14
June	4	8	12	6	10	16	7	4	11
July	8	11	19	4	9	13	6	5	11
Aug	15	11	26	4	10	14	7	9	16
Sept	4	10	14	2	11	13	8	10	18
Oct	4	10	14	5	6	11			
Nov	6	10	16	4	9	13			
Dec	5	9	14	3	7	10			
Total	67	104	171	48	103	151	47	66	113

Table 2. Types of articles submitted. 2024 data includes new manuscripts submitted through September 30, 2024. Data from T&F.**Position replaced Commentary in January 2024.

Article Type	2022	2023	2024*
Position**	10	4	6
Curriculum & Instruction	20	15	12
Literature Review	2	3	4
Research	37	35	24

International submissions

The largest proportion of submissions to JGE continue to come from the United States, although 2023 showed the most non-US submissions since the move to T&F in 2018. In 2023, 63% of new submissions (36 out of 57) came from the United States, compared with a combined 76% over the prior five years. In 2023, other countries with more than one new submission included Germany, New Zealand, Spain, Norway, Indonesia, and Kazakhstan. Six other countries had one new submission. In 2024 (as of September 30), 67% of new submissions (21 out of 36) have come from the United States. Twelve other countries have had at least one submission.

Publishing

Papers per issue

Our contract with Taylor & Francis is based on a minimum number of 24 articles per year (minimum 6 per quarterly issue), and there are no charges to NAGT for publishing more than the minimum number of articles. In 2024, we will have published 39 papers in print. We consistently had enough papers in our backlog to organize the issues into unofficial themes.

Volume/Issue	Number of articles	Theme
72(1)	7	Representation (unofficial)
72(2)	7	Personal connections (unofficial)
72(3)	6	Flexible thinking (unofficial)
72(4)	15	COVID-19 (official)
TOTAL	35	

Backlog

As of September 30, 2024, JGE's backlog (papers that are published online but will not be included in any of the 2024 print issues) includes 22 papers, compared to 19 by the same time in 2023. A total of 23 manuscripts have been accepted so far in 2024, the same rate as in 2023. In 2025, we should not have a problem meeting the required number of papers for our contract with Taylor & Francis.

Turnaround time

Our current (prior 6 months) median turnaround time is 44 days from submission to the first decision. Our median time from acceptance to online publication is 22 days.

Acceptance rate

JGE's 2024 to-date acceptance rate is 55% (compared to 61% for 2023). So far in 2024, we have accepted 24 papers and rejected 20 papers.

Free Access

Through our contract with T&F, JGE is able to select one article per month to be free access. As of June, each free-access article has been advertised through NAGT's social media feeds and NAGT News. Each free-access article advertised through these channels has received a +100% bump in views over the month. The articles are selected by the EiC, and there has been an emphasis on selecting articles related to K-12 programming (5 of 10 to date in 2024).

Awards

The **Outstanding Paper Award** goes to Jasmin Graham, Gina Hodsdon, Aly Busse & Michael Crosby:

Jasmin Graham, Gina Hodsdon, Aly Busse & Michael Crosby (2023) BIPOC voices in ocean sciences: A qualitative exploration of factors impacting career retention, Journal of Geoscience Education, 71:3, 369-387, DOI: 10.1080/10899995.2022.2052553

The **Outstanding Reviewer Award** goes to Chris Mead, Arizona State University.

Indexing and metrics

Journal metrics

Taylor and Francis now provides a summary of journal metrics, available directly from the JGE home page

https://www.tandfonline.com/action/journalInformation?show=journalMetrics&journalCode=ujge 20 .

<u>Usage:</u> 43,000 full-text downloads for the first two quarters of 2024. In 2023, there were 87,000 article downloads (compared to 73,000 in 2022).

2023 Citation metrics:

- CiteScore (Scopus) = 3.2 (Comparison 2022: 4.0; 2021: 2.7; 2020: 2.8, 2019: 2.4, 2018: 1.01)
- Q2 CiteScore best quartile
- 1.056 SNIP (Source-Normalized Impact per Paper; a journal with a SNIP of 1.0 has the median number of citations for journals in that field) (Comparison – 2022: 1.53; 2021: 1.02; 2020: 1.10; 2019: 0.97 2018: 0.94)
- 0.442 SJR (Scimago Journal Rank; average value for all journals in Scopus is 1.000)
 (Comparison 2022: 0.576; 2021: 0.439; 2020: 0.532; 2019: 0.386; 2018: 0.414)

Metrics from Scopus:

• Ranked 493/1543 (68th percentile) in Education journals (2022 and 2023: 78th percentile; 2021: 70th percentile; 2020: 76th percentile; 2019: 75th percentile; 2018: 54th percentile)

Metrics from Scimago:

- H-Index 43 (2023: 41)
- Total citations 222 (2023); compare 270 (2022), 162 (2021), 223 (2020), 178 (2019)

In The Trenches annual report 2024

Redina Finch

Goals from the Previous Year

I've been trying to create topic-oriented editions and this year I finally succeeded with the Citizen Science Focus. This focus spanned TWO editions of ITT.

January 2024

- Letter from the Editor, Redina Finch
- Letter from the President of NAGT, Reginald S. Archer
- Article: Planetary Geologic Mapping Curriculum Development and Training in Northern Arizona, Devon Burr, et al.
- Article: Solar Eclipse 2024, Redina Finch
- Notice: Digitized Articles Now Available Online

April 2024: Citizen Science Focus

- Letter from the Editor, Redina Finch
- History: Where did NAGT's Traveling Workshops Come From?, Anne Egger
- Article: What is Citizen Science?, Redina Finch
- Article: From the Classroom to the Coastlines: Citizen Science with SandSnap, Shelley Whitmeyer
 et al.
- Article: Empowering Communities Through Citizen Science, Ángel A. García Jr. et al.
- Article: Teaching Calibration in the Geosciences, Praveen Malali et al.
- Article: Remembering Thomas E. Hendrix, William J. Neal

July 2024: Citizen Science Focus

- Letter from the Editor, Redina Finch
- Article: CorpsCam CoastSnap: Engaging Students and Citizens in Monitoring Beaches, Ian Connery and Brittany Bruder
- Article: Citizen Science Takes Archaeology Out of the Tower and Into the Trenches, Carole Nash
- Article: An Overview of the UCAR Center for Science Education, Julie Malmberg
- Article: Spark Students' Enthusiasm for Science with The GLOBE Program, Alicia Carlson et al.
- Article: The SEAS Islands Alliance: Envisioning STEM Career Pathways as Braided Rivers to Support Island Students, Theresa N. Melton et al.
- Article: Beyond Lectures and Lone Desks: Learning Assistants and Active Learning in Undergraduate Earth Science Classrooms, Isla Hargreaves et al.
- 2023 Earth Educators' Rendezvous Memories
- Earth Educators' Rendezvous 2024. Andrea Bair et al.

New format

ITT became fully online in 2023 and we embraced the new format. It gave us flexibility to feature longer articles and a larger number of articles in each edition of ITT.

In Summer/Fall 2024, ITT underwent another transformation. Rather than publishing the magazine quarterly, ITT will publish articles throughout the year as they come in. This will allow articles to be published in a more timely fashion and encourage submissions throughout the year. The new format will also allow authors and readers to interact and discuss the article. Discussion is a great addition to the ITT format.

Challenges and Goals for Future Work

In order to make the new format for ITT work, we need to publish articles on a regular basis (every 3 weeks, for example.) To do this successfully, we need to have some article in reserve. Right now we do not have those articles.

One concern is that it is sometimes hard to get folks to write articles even after they agree to write them. Once an article is submitted, sometimes the back-and-forth review process takes a long time because authors and the editor are busy. Publishing an article every 3 weeks may be a challenge.

The primary goal, related to these challenges, is to figure out what works.

- Should we only allow short (less than 2500 words) articles and break up longer articles so they span multiple publication periods?
 - For most long articles, this will not work well. The continuity of the topic will be lost. It
 might be possible to rearrange the article to tell multiple stories, but that requires more
 work for the author and editor.
- Is 3 weeks the best recurrence interval for articles, both practically and professionally?
 - Practically, this may not be possible without more (possibly a lot more) work on the editor's part.
 - Professionally, the articles should come out on a regular basis so readers know when to expect a new article.

NAGT Media Editor 2024 Annual Report

Introduction

The NAGT Media Editor (ME) is a relatively new position, and no previous annual reports have been filed. Therefore, this document will attempt to set a reasonable standard for future reports. The ME position has a term of three years, with the current term beginning March 2024 and ending June 2027. The ME receives an annual stipend of \$2500 and is responsible for producing the monthly newsletter, NAGTNews; maintaining a consistent, professional, and positive presence on social media platforms, including Facebook, LinkedIn, and X; and serving as non-voting ex officio member of the Executive Committee.

Goals & Progress March to September 2024

My primary goals since coming into this position in March 2024 have been to learn the protocols and procedures to ensure accurate and timely production of the NAGTNews and postings on social media. On March 21, I met with Brianna Douglas and Mitchell Bender-Awalt to get started by reviewing process/protocol documents and gaining editorial access to NAGT pages (workspaces, meeting pages, submission queues, and NAGTNews), Canva, and Dropbox. In early April, I worked closely with Brianna Douglas to assemble the NAGTNews. Unless I was traveling, I have regularly attended the bimonthly Executive Office meetings (8/13). I have collaborated closely with the Executive Office staff and leadership including Anne Egger, Mitchell Bender-Awalt, Monica Bruckner, and Brianna Douglas.

Submissions from Community Members

One of the key components of community newsletters and social media is the number of content submissions from community members (Figure 1). Since October 2023, thirty-five separate entries were submitted to the NAGTNews/social media promotion requests by 23 unique people. The other way that community content is shared is through email. Since March 2023, I have received 49 separate emails from

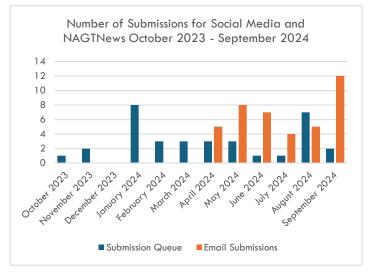
12 unique individuals to post content on social media or add entries to the newsletter.

These submissions serve as the foundation to both the newsletter and our social media presence.

Figure 1. Record of community submissions to ME and Executive Office staff.

NAGTNews

Assembling the NAGTNews monthly electronic newsletter includes the following tasks: monitoring and responding to submissions to the news; soliciting input from the national leadership as well as Division and Section leaders; responding to editorial



comments from Executive Office staff; and, working with Executive Office staff to ensure the newsletter is delivered on a regular schedule. I worked closely with Brianna Douglas to assemble the April 2024 newsletter and since then, I have assembled newsletters independently and had them reviewed by Executive Office staff. Since I started, all newsletters have been successfully broadcast on the second Thursday of each month. On average, it takes approximately 30 hours per month (range of 24-46 hours per month).

To understand the reach of NAGTNews, monthly newsletter traffic and analytics were evaluated (Figure 2). There are no records for the February 2024 newsletter. Between October 2023 and September 2024, the newsletter was sent to 1237-1422 distinct emails. The highest number of recipients (1422) was in January 2024 and the lowest number of recipients was 1237 in March 2024. On average, 61% of recipients opened the broadcast. The lowest opening rate of 50% occurred in December 2023 and the highest (79%) occurred in September 2024.

Because NAGTNews is housed on a page on NAGT's website, web-based viewership serves as another measure of engagement. These data are available for each newsletter. To maintain consistency in data analysis over the last year, monthly viewership was assessed for the 3-month period following the newsletter publication date (Figure 3). The total number of page views varied between 40 (34 unique visitors) in May 2024 and 98 (77 unique visitors) in April 2024, with an average number of page views of 52.6 (39 unique visitors) over the analysis period.

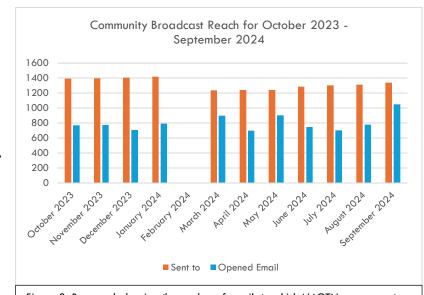


Figure 2. Bar graph showing the number of emails to which NAGTNews was sent

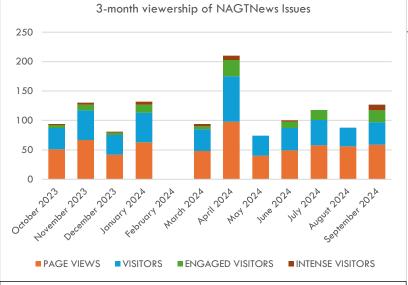


Figure 3. 3-month viewership of each edition of the NAGTNews.

Social Media

Managing a consistent, professional, and positive presence on Facebook, LinkedIn, and X includes the following tasks: Posting regularly on all platforms, posting Career Hub submissions on NAGT social media accounts, connecting with partner organizations and members through social media, considering additional outlets and/or strategies to support the advancement of our mission, and supporting the development and implementation of policies and practices for social media communications that abide by the ethics policy of NAGT. It takes an average of 21 hours per month (range: 15-27 hours per month).

LinkedIn

As the premier professional networking site, NAGT's presence on LinkedIn is an important way to advertise for our members. Currently, the NAGT following is 311, with 162 new followers since January 2024. On average, there are 18 page views per day by 10 unique visitors (Figure 4)

LinkedIn provides several different metrics that assess engagement, including likes, comments, shares, and clicks. The Engagement Rate is a key performance indicator that measures how well content resonates with our audience. Engagement Rate is the percentage of connections who actively engage with our posts. Figure 5 shows that NAGT's Engagement Rate ranges between 0.73 and 2.17. Our average is

2.5

1.5

0.5 0

1

2

1.5%, which falls within the benchmark (1-4%).

Figure 5. Monthly LinkedIn Engagement Rates for October 2023-October

2024.

Χ X (formerly Twitter) is a rapidly

to October 19, 2024. Page views ▼ All pages ▼ Oct 19 Desktop 241 ✓ --- Mobile 179 All filters **Engagement Rate**

Figure 4. Trends in page views and unique visitors October 19, 2023,

changing social media platform. Prior to recent management changes, Twitter was considered the best platform to post real-time updates and engage in conversations. 30% of Twitter users left when it became X and there has been a 67% decrease in the amount of time users spend on X. One of the biggest changes has been "verification," which costs \$84 per year. Currently, @nagtgeo is not verified. Without verification status, we can no longer access our metrics. We do have 2409 followers and are following 160 other X pages.

Facebook

NAGT uses Facebook to build community and promote events. We can assess our effectiveness by accessing the many different metrics available, including reach, content interactions, page visits, messaging, followers, and clicked links. "Reach" is an estimate of the number of unique users who have seen our content at least once. Content includes posts, stories, ads, tags, check-ins, and Page or profile visits. "Content Interactions" count the number of likes or reactions, saves, comments, shares, and replies to your content. "Visits" is the number of times a page has been viewed. "Messaging" counts the number of times users directly communicate with our page through Messenger. "Followers" counts the number of users who follow the NAGT page. "Links Clicked" counts the number of times links in our posts have been clicked.

Table 1. Facebook metrics and changes from October 1, 2023 and September 30, 2024.					
Metric Number Percent Change					
Reach	18,803	+61.9%			

Table 1 shows a summary of each of these metrics and how they have changed between October 1, 2023, and September 30, 2024. There have been significant increases in Reach, Content Interactions, Visits, and

Content Interactions	2901	+132.7%
Visits	2704	+116.5%
Messaging	13	+160%
Followers	2697	-14.5%
Links Clicked	446	-23.9%

Messaging. However, we have lost Followers, and fewer users have clicked on the links posted in our content.

NAGT Executive Committee

The ME Serves in an ex officio capacity on the NAGT Executive Committee and provides regular reports on ME activities by attending all Executive Committee meetings; works with the editors of In the Trenches and the Journal of Geoscience Education to develop synergies and strategies for cross-promotion; follows the current and any future agreed-upon policies, procedures, and practices on behalf of NAGT; and regularly verifies understanding the NAGT Conflict of Interest policy, ensuring that no conflicts exist. Since March, I have attended all Executive Committee meetings, providing input when appropriate and answering questions.

Challenges and Anticipated Needs

The greatest challenges I have faced as the ME are related to the newness of this role. It has taken time and effort to learn how to complete the different tasks and there have been instances of micromanaging. However, this is improving. In the beginning, I spent as much as 73 hours per month. Now, I spend an average of 35 hours per month (NAGTNews: 24 hours; creating and posting social media content: 8 hours; meetings: 3 hours). Creating original social media content using Canva is a time-intensive task that is challenging to plan for, but I now have a calendar with themes and goals. Furthermore, the Executive Office staff and I have worked together to improve my access to NAGT resources and organizational structures.

For both the newsletter and social media, I need contributors to use the submission queue and provide visuals to accompany their content. This will improve the organization and delivery of content. Content provided by NAGT leadership is no exception. It would be helpful if people tagged NAGT in posts about geoscience education (LinkedIn at national-association-of-geoscience-teachers; X @nagtgeo; and, Facebook @nagt1).

Goals for Future Work

My primary goal is to increase the number of people reached by both social media and the NAGTNews. To do this, the value of NAGT membership and participation must be clearly communicated to interested parties, including members, potential members, and sister organizations through social media and the newsletter. Developing a yearly plan to organize and synchronize communications will enable more effective messaging on all platforms. NAGT's goals should guide this plan: promote high-quality Earth education; foster and disseminate research in geoscience education; drive change toward an equitable and inclusive system of geoscience education; and, support current and future geoscience educators throughout their careers.

NAGTNews

NAGTNews is a membership benefit and our primary way of interacting with our members. It may be worthwhile to ask members for feedback on the newsletter format. For example, I recently was asked if it is possible to create a table of contents so people can click on sections that they are most interested. Another strategy to engage members and potential members is to announce newsletter publication on social media.

Social Media

To establish and maintain a successful social media presence, NAGT needs a more complete strategic plan to ensure consistent execution and continuous engagement with members, potential members, and sister organizations. To achieve this, I would like to work with the Executive office to:

- Create an annual content strategy and outline topics to promote (i.e., current topics for content include membership drive, awards, Earth Science Week, etc)
 - o Calendar of drives, campaigns, and member engagement
 - o Establish hashtags for campaigns to encourage participation and spread awareness.
- Collaborate with sister organizations to expand reach.
 - Engage more effectively with affiliated and partner organizations on the various platforms (AGI, GSA, NCSE, USEA, AGU, GeoCUR, DANS, GSA-GED, and NESTA).
 - LinkedIn identified other organizations with similar goals including the EarthScope Consortium, NABG, and SACNAS.
- Increase meaningful engagement and interactions between members, potential members, and leaders.
 - Increase the mix of content: stories, updates, leader and member spotlights, behind-thescenes, and user-generated content.
 - O Host Q&A sessions, live events, or webinars to engage in real-time.
 - Host contests or competitions
 - o Encourage members to share their experiences.
- Demonstrate NAGT's value:
 - O Share valuable information and resources relevant to your audience.
 - Offer insights, tips, and stories that resonate and inspire action.
- Review metrics and adapt by being open to experimenting with new ideas and making necessary adjustments.

By implementing these strategies, NAGT can strengthen our social media presence to support our mission to effectively connect with our community.

2024 Annual Report for the Outstanding Earth Science Teacher Award (OEST)

Executive Summary:

The Outstanding Earth Science Teacher Award (OEST) committee has made significant strides this year in promoting excellence in earth science education. Our committee, while still solidifying its membership, has identified the need for a new coordinator for the Southeastern and North Central sections. We have streamlined our selection and promotional activities, utilizing rubrics, templates for social media graphics, letters of recognition, and news releases. This year, we received 20 new nominations and awarded 7 section winners and 11 state winners. We have also implemented a new process to provide formative feedback to nominees, encouraging stronger future applications. Our plans for the upcoming year include hosting the first annual share-a-thon for OEST winners and enhancing our promotional efforts to increase engagement and nominations.

1. Committee Membership

- Current Status: Working on establishing the OEST committee and holding a meeting.
- Current Members:

Section	OEST Coordinator name
Eastern	Christopher Roemmele/Amy Baer
Far Western	Nancy Chen
Northeastern	Susan Kelly
Pacific Northwest	Derek Turner
Rocky Mountain	Cheryl Manning
	Sabrina Ewald/Dawn Chegwidden (both interim
South Central	leaders in section)
Southeastern	VACANT
North Central	VACANT

• **Upcoming Needs**: Need an OEST coordinator for the Southeastern and North Central sections.

2. Promotional Activities

- **Streamlining Process**: Developed templates for promotional social media graphics, letters of recognition, and news releases.
- **Delivery of Award:** Need to work more on how/when the award is delivered. Trying to encourage school administration to present the awards at a faculty meeting or if the NAGT state reps are nearby perhaps they can deliver the award.

3. Statistics of Submissions and Selection Process

- **Rubric**: Implemented a rubric for the selection process.
- Challenges: Addressed challenges with shared states due to new NAGT sections.
- Feedback: Offering formative feedback on submissions to encourage reapplication.
- **Submissions**: Received 20 new nominations (not unique individuals).
- **Awards**: Awarded 7 section winners and 11 state winners. No awards for the North Central section due to ineligibility of the one nominee.
- **Record Keeping**: Working on populating an all-winners spreadsheet to maintain accurate records.

4. Awardee/Nominator and/or Grantees

• Awardees: Listed by section and state/province.

Section	State/Province	First name	Last name
Eastern	New Jersey	Simone	Miller
Eastern	New York	Michael	Fodera
Eastern	Pennsylvania	David	Curry
Eastern	Virginia	Madeleine	Yiznitsky
Far Western	Arizona	Lisa	Chavez
Far Western	California	Kellyn	Hardin
Northeastern	Massachusetts	Anna	Cotton
Pacific Northwest	British Columbia	Clayton	Fox
Pacific Northwest	Oregon	Bryon	Free
Rocky Mountain	Colorado	Matthew	Thomas
Rocky Mountain	Montana	Tom	Caffrey
Rocky Mountain	Wyoming	Lesley	Urasky
South Central	Arkansas	Toby	Hollin
Southeastern	Alabama	Cinthia	Moore
Southeastern	Florida	Alicia	Pressel
Southeastern	Georgia	Christine	Wallace
Southeastern	North Carolina	Joshua	Roberts
Southeastern	South Carolina	Jimmy	Woods
North Central	NO AWARDS THIS YEAR		

5. Plans for Awards Promotions

- **Share-a-thon**: Hosting the first annual share-a-thon for OEST winners on Saturday, Nov 16th
- **Presenters**: Inviting OEST winners from 2021 to the present, with 3 interested so far and aiming for 7-8 presenters.



Annual Report

2024

Outstanding Teaching Assistant Committee

Executive Summary

The Outstanding Teaching Assistant (OTA) Committee provided awards to 30 undergraduate and graduate teaching assistants from around the world. Several awardees shared their teaching advice in the form of a poster at the 2024 Earth Educators' Rendezvous.

Outstanding TA Committee Members

Katherine Ryker (Chair), *University of South Carolina* (2021-2025) Dana Thomas, *University of Texas at Austin* (2021-2025) Rick Ford, *Weber State University (Retired)* (2021-2025)

The Outstanding TA (OTA) Committee received 30 high quality nominations and was able to provide 30 awards to outstanding teaching assistants across the country and internationally (Canada, Switzerland). Nominations and awardees typically come from departments with graduate programs; however, multiple undergraduate TAs were recognized, including from a 2YC. Committee members developed a flyer that was handed out at GSA and EER, encouraging the community to nominate deserving TAs. We also supported the 2024 OTAs in preparing and presenting a poster with their teaching advice at the 2024 EER, which multiple OTAs attended. In 2025, we will continue to promote the program at conferences, through listservs, and through social media. Also in 2025, all three current committee members will end their second two-year term. We invite others to join this rewarding committee.

Chair: Lydia K. Fox

We had 56 complete applications to review from the best and brightest young geoscientists from around the country (and a few from international students). Committee members who did the reviews this year were Lydia Fox, Claire McCleod, and Ander Sundell. One challenge we had is that many field camps are shortening the length of their courses to accommodate students' schedules and financial constraints. We raised the issue with NAGT ExCom about the stated requirement of the course/camp lasting at least 4 weeks (which was reduced from 6 weeks in the recent past). The requirement going forward is that the course be at least 3 weeks of work primarily in the field.

This year's awardees are:

Jaela Allen, Miami University

Miami University Field Camp

Kaylah Arnold, Sam Houston State University, AWG Crawford Field Camp Scholarship Recipient

Idaho State University Field Camp

Cameron Brazee, Montana State University

Montana State University Field Camp

Ruby Garey, Illinois State University

Illinois State University Field Camp

Matias Gibertoni, California State University - Fullerton

California State University - Fullerton Field Camp

Samuel Karner, St. Norbert College

Illinois State University Field Camp

Ellen Kessler, Northern Illinois University

Northern Illinois University Field Camp

David Kirby, Utah Valley University

Utah Valley University Field Geology Course

Isaac Leiterman, St. Norbert College

Illinois State University Field Camp

Sharon Minnix, New Mexico Institute of Mining and Technology

New Mexico Tech Field Camp Program

Meghan Numrich, University of Wisconsin Oshkosh

University of Wisconsin Oshkosh Field Camp

Brianna Pinnick, Indiana University Bloomington, AWG Crawford Field Camp Scholarship Recipient Indiana University Field Geology in the Rocky Mountains

Veronica Richards, Utah Valley University

Utah Valley University Field Geology Course

Nicole Rowse, Sam Houston State University

Idaho State University Field Camp

Brianna Shepherd, Eastern Michigan University

University of St. Andrews Geology Field Camp in Scotland

Kemari Tinsley-Smith, Texas Tech University

Texas Tech University Advance Field Methods course

Gerald Tripp, Appalachian State University

Appalachian State University Summer Field Geology in Italy

Samantha Villasana, Kansas State University

Université de Franche-Comté Field Camp





ANNUAL REPORT 2024: NAGT/USGS COOPERATIVE SUMMER FIELD TRAINING PROGRAM

The 2023-2024 cycle for the NAGT/USGS Cooperative Summer Field Training Program (CSFTP) marked the 59th year of what is now one of longest running science internship programs in the nation. More 2,700 students have participated in this program since it was first conceived in 1965 by William "Bill" Pecora, then the newly appointed Director of the US Geological Survey. Many of these students have gone on to become well-known leaders, influential professors, and outstanding contributors to the knowledge base of geoscience. (More information about the history, operation of this program, and this year's interns can be found on our website: www.usgs.gov/undergradintern (direct link to the brochure here)).

This year, 56 students were nominated and 36 of those students completed an application for the program. After receiving 28 geology-based proposals from USGS scientists and after the proposal review panel met and matched students to projects, a total of 24 students were placed with USGS science projects. Since bringing new life back into this historic program over a decade ago, we have now gone from 8 placements in 2002, to numbers that are consistent with the historical average for this program.

Summary of information and tasks completed in the 2023-2024 cycle:

- The Secretary Burmeister distributed letters soliciting nominations for qualified students to field camp directors seeking nominations in September 2023. The deadline for nominations was 30 October 2023.
- 2022-2023 cycle, the executive committee for the NAGT/USGS CSFTP (K. Burmeister, A. Egger, L. Corey, and E. Snow) decided to overhaul elements of the existing internship program to bring it into closer alignment with the needs of USGS scientists and to expand access to the program to include students who are well-prepared but did not attend a traditional field camp. These changes included (1) the removal of restrictions associated with the numbers of nominees each camp/department/program can make, (2) broadened the range of capstone experiences that qualify for the program, and (3) underscored a new emphasis on encouraging the nomination of individuals for whom the internship experience would be transformative.

We continued the practice of requesting that field camp directors/department chairs/program directors submit nominations that include brief descriptions of the attributes of each nominee along with reflections on why they feel a nominee would benefit from the internship experience. These perspectives greatly help the USGS Placement Panel in their efforts to place a student with a project best suited to their abilities while also helping USGS mentor scientists in preparing to conduct their interviews with students.

- In November, 2023, letters were sent to all 56 nominees from both NAGT and USGS congratulating them on their nomination and instructing them on how to apply using the USAJOBS website. Of those, 36 students (64% of nominees) completed the application by the December 16 deadline.
- The USGS solicited internal proposals from scientists wishing to host an NAGT intern in the fall. A total of 28 proposals were received, and ultimately 24 were matched with interns (some projects hosted more than one intern). The USGS has a broad scientific mission that includes areas beyond traditional field geology like hydrogeology, ecology, and climate change. It continues to be a challenge to educate students about the value of doing an internship in a field they had not previously considered.
- In previous years, the USGS maintained a running list of active geology field camps (<u>www.usgs.gov/geosciencefieldcamps</u>) that generally contains about 128 active field camp programs that have been cross-checked by the YES office and NAGT. As a result of our decision to broaden the scope of capstone experiences that qualify for the internship program beyond only field camps, the

decision was made to shift the responsibility for this list back to NAGT during the 2022-2023 cycle to Dr. Katherin Ryker.

- Program evaluations are sent to both scientists and interns toward the end of the summer 2024 field season. USGS sends evaluations to the scientists and NAGT sends evaluations to interns. These evaluations, copies of information referenced in the bulleted items above, and detailed, multi-year comparative program information, are usually provided in the full packets to those attending the Annual Joint NAGT/USGS Internship Business Meeting at the fall national meeting of the Geological Society of America. Because of budget limitations, NAGT leadership ended support for this annual business meeting in 2024. Moving forward, evaluation results will be summarized (anonymously) and distributed in electronic formats.
- The USGS, Youth and Education in Science Office provides cost-shared support for these intern's salaries by way of funding transfer to the science center where they will be working. This year, the YES office provided over \$5K for each project that was approved for cost-shared support. The collective support for this program is in excess of \$400,000.
- The YES office has continued the use of a new hiring authority, started in 2019, allowing us to keep these interns on board for up to 4 years (rather than the previous limit of 5 months) if the project has the need for extended assistance and the funds to support the intern for an additional amount of time. Many scientists have indicated that this is of great benefit to them, as we already know of several who wish to extend their intern's employment and plan to do so, if there are no conflicts with their graduate school or other plans. Many of these interns welcome the opportunity to stay with USGS longer as well, especially in times of uncertainty due to government hiring freezes and the often-difficult process of obtaining a permanent federal position.
- The Federal Recent Graduates hiring program provides a much sought-after opportunity for NAGT/USGS interns to continue employment for up to three years, if the USGS is not under a hiring freeze, with the intent of permanent hire (if funding is available).
- The USGS continues its recently expanded partnerships with the Ecological Society of America, and the GIS Certification Institute. These new partner organizations have nominated additional exceptional students in other areas of expertise that are needed by our USGS scientists, particularly those with projects based in ecology, biology, and GIS. These partnerships have been a positive addition, as they have not only allowed the YES office to increase the number of students placed in internships using this exceptional hiring authority, but they have also served as a tool to garner additional interest in the program bureau-wide with additional geology-focused projects.
- In 2020 and 2021 the COVID-19 pandemic afforded this program the challenge and opportunity of hosting virtual internships rather than the traditional in-person situation. In 2022 and 2023, most internships were able to be served in-person, but a few internships have either been virtual or partially-virtual, as many scientists have discovered that their project opportunity could be conducted as such. This has allowed some interns the option not having to physically move to another part of the country for a summer position, which is often a barrier to those who cannot afford the expenses of relocating. The YES office worked extensively with HR staff, Administrative Officers, hiring scientists, and the incoming interns themselves to maximize opportunities where possible and find flexibilities in the work environment so these internships could continue, including utilizing the previously unprecedented option to work virtually where possible.
- In the spring of 2022, the USGS Human Resources (HR) department underwent a transition which caused hiring delays in many positions (not just internships, but all federal hires across the bureau). As federal employees, interns may not begin work on their project until their hiring paperwork is complete and thus some interns could not start their employment until later in the summer than anticipated. In 2023, USGS HR had resolved some of the issues which caused the hiring delays, and the majority of

interns were brought on board in a timely manner, but a few science centers still experienced delays due to unresolved issues, particularly in the security clearance process.

For the fourth year, in 2023 the YES office partnered with the USGS Early Career Scientist Network to host a series of virtual weekly Professional Development Webinars. Each week, a guest speaker or panel is invited to speak and have an open discussion with interns about various topics of importance to them, such as science communication, scientific integrity, publishing, networking, safe and inclusive workspaces, applying to graduate school, and more. These virtual sessions are meant to serve to bring together all interns and early career scientists across USGS, especially during a time when they might be working remotely and have limited opportunities for collaboration with their fellow colleagues. These webinars have received an excellent attendance rate from interns and positive feedback from mentors and interns alike.

22 October 2024

Eleanour Snow /s/ Youth and Education in Science Manager U.S. Geological Survey

Laura Corey /s/ Education Program Analyst U.S. Geological Survey

Dr. Kurtis Burmeister /s/ Executive Secretary, NAGT-USGS Cooperative Field Training Program California State University, Sacramento



Annual Report

2024

Mike Phillips Chair, Advocacy Committee

Goals for NAGT work over the past year

The Committee is still working on a new leave behind sheet for inclusion on our web site; members will be able to print and share it when they engage in advocacy. We will continue to work on statement revisions; the Teaching Evolution Statement is the only one remaining. The new statements on DEI and Freedom of Speech should be complete by the Fall of 2024. The committee will continue to identify topics on which to develop new statements or endorse the statements of partner organizations. We would like NAGT to explore becoming a partner with AGU on their CVDs and Local Science Partners Program. The AGU policy staff would like more educators to participate, and participation would benefit NAGT members through the training and experience and the AGU by partnering educators with researchers when discussing the benefits of Federal programs that support both.

Membership

The Advocacy Committee added one new member in October 2024 (Tara Lepore). One member stepped down (Margaret Crowder). Continuing members are: Mike Phillips (chair), Don Haas, Suzanne Metlay, Margaret Crowder, Wendi Williams, Brendan Anderson, and Guang Zeng.

Progress towards goals: Participation and achievements of NAGT's Advocacy Committee

The Advocacy Committee has been reviewing and developing updates to the NAGT's Position Statements and developing new statements. Revision of the K-12 Education Statement was a major revision (the statement was originally "High School Earth Science Instruction") and was been approved by the NAGT Council in October 2023. The process of evaluating the statement on Evolution is in progress. The new statement on Diversity, Equity, and Inclusion is in progress. Two new statements (Value of Undergraduate Geoscience and Responsibility to Teach Earth Sciences) went through several discussions in the Exec Comm and Advocacy Committee, have been approved by both and will now move forward to member review and comment, and will move on for Council approval in January 2025.

Goals for NAGT Advocacy work in the next year

The Committee is still working on a new leave behind sheet for inclusion on our web site; members will be able to print and share it when they engage in advocacy. We will continue to work on statement revisions; the Teaching Evolution Statement is the only one remaining. The new statements on DEI should be complete by the Spring of 2025. We are also developing a new footer for the Statement template. The committee will continue to identify topics on which



to develop new statements or endorse the statements of partner organizations. We would like NAGT to explore becoming a partner with AGU on their CVDs and Local Science Partners Program. The AGU policy staff would like more educators to participate, and participation would benefit NAGT members through the training and experience and the AGU by partnering educators with researchers when discussing the benefits of Federal programs that support both.

NAGT DEI Committee Annual Report, 2023-2024

Prepared by Dana Thomas, Member and Executive Committee member representative

Members

- Susan Meabh Kelly ('22-'25; Chair, 23-24)
- Anika Knight ('22-'25; Chair, 24-25)
- Meghan Cook ('23-'26)
- Ashleigh Quiroz ('23-'26)
- Dana Thomas (ex officio)

Executive Summary

The NAGT Diversity, Equity and Inclusion (DEI) Committee is charged with facilitating the organization's efforts to achieve its goals related to diversity of its membership, leadership, committees, award winners, and participants in all events. This committee reports to the Executive Committee. The DEI Committee awarded the 2024 Excellence in JEDI Award to Rachel Bernard, Assistant Professor of Geology at Amherst College. The 2023 award winner, Anita Marshall, gave a plenary talk at the Earth Educators' Rendezvous 2024. The DEI committee helped lead an NAGT-wide initiative to review various NAGT award committees' nomination and evaluation processes with the goals of increasing transparency, expanding applicant pools and improving evaluation. Moving forward, the DEI Committee hopes to support members who are facing challenges at their educational institutions related to pursuing DEI efforts by highlighting NAGT teaching resources focused on DEI.

The NAGT DEI Committee engaged in the following activities during 2023-2024.

- Hosted an NAGT Webinar featuring authors of articles in the special In Our VOICES issue of the Journal of Geoscience Education. There were 30 registrants and the webinar received positive feedback.
- Helped lead an initiative to collect information about how the various NAGT Awards are
 implemented, as far as seeking nominees and evaluating applicants. The intent is to
 increase transparency, support nominating committees and expand the applicant pool to
 broaden nominee representation. This has been in close partnership with the Executive
 Director, and Committee member Meghan Cook has been spearheading this. All awards
 committees were asked to provide information on how they handle the advertising,
 nominating, evaluation, etc.
- Awarded a 2024 Excellence in JEDI Award and hosted the 2023 award winner as a plenary speaker at the Earth Educators' Rendezvous.
- Provided consultation on inclusive language associated with EER travel stipend solicitation and on the travel stipend application rubric.
- Contributed to Earth Educators' Rendezvous abstract review.

The DEI Committee is concerned about hostility towards DEI work in numerous states, including Texas and Florida. This may affect committee membership and pose a challenge for NAGT members at public institutions in some states to serve in DEI roles. At the same time, some state laws exempt teaching from DEI restrictions, so NAGT may consider supporting educators by showcasing teaching materials on TTE or elsewhere that highlight DEI in geoscience.

NAGT Investment Committee Annual Report

Executive Summary: The NAGT Investment Committee meet on September 2, 2024 and reviewed the status and performance of the NAGT Endowed Funds. The Committee unanimously recommended that no changes to the current investment approach were needed and that the NAGT Executive Committee should continue to use a 4.5% endowment payout rate when developing the annual NAGT budget.

The Annual Investment Committee Meeting was held on September 2, 2024.

Members Present: Gene Pearson, Mike Phillips, Randy Richardson, Katherine Ryker

Members Absent: None

NAGT Staff Present: Amy Collette

Members or the NAGT Investment Committee met via Zoom to review the performance of the Endowed funds and make recommendations, if any, to the NAGT Executive Committee. Members reviewed recent and prior year performance data (Tables I and II next page) as well as other information on the endowment investment in the Vanguard Balanced Index Admiral Fund (VBIAX). As of August 30, 2024, the fund was managing \$86.6 B., and its YTD value increase was 12.2%. In 2023 the fund's value increased 17.6% placing it in the top 25% of mutual funds with similar objectives. Over the past 10 years (Table I) the Vanguard Balanced Index Fund performance exceeded the Category average nine times. The fund only underperformed the average during 2022. In seven of the past 10 years the Vanguard Fund scored in the top quarter of funds with similar objectives. The performance information was obtained from Morningstar, Inc., an American financial services firm headquartered in Chicago, Illinois. On a scale of one to five stars, Morningstar currently rates the Vanguard Balanced Index Fund a 4-star Fund. A Morningstar writer commented that the Vanguard fund's fees [\$7 for every \$10,000 invested] "give it an enduring edge versus other peers."

Based on the performance data and the very low fee structure of the Vanguard Balanced Index fund, the members of the NAGT Investment Committee members voted unanimously to recommend that the NAGT Executive Committee make no changes to the current investment approach for the Endowed Funds at this time.

The members of the committee also discussed the NAGT Endowment spending rate as stated in the NAGT Endowment Policy: "The target spending rate will be between 3 to 6 percent of the average market value of the Endowed Fund assets for the preceding three years based on the average August 31 market value for each of the preceding three years. Unless otherwise determined by the NAGT Executive Committee, the annual distribution rate shall be 4.5 percent of the average three-year market value of the Endowment."

The members of the Investment Committee recommend that the NAGT Executive Committee continue to use the 4.5% guideline for annual Endowment Spending.

Respectfully submitted, Gene Pearson

Table I. Annual Fund Performance (VBIAX) As of September 3, 2024

Total Return %	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD
Investment	9.99	0.51	8.77	13.89	-2.86	21.79	16.40	14.22	-16.90	17.58	10.83
Category	6.21	-1.93	7.34	13.21	-5.76	19.23	11.72	13.89	-13.64	13.78	9.48
Quartile Rank	Top 25%	Top 25%	Top 25%	50-75	Top 25%	Top 25%	Top 25%	50-75	Bottom 25%	Top 25%	Top 25%
Percentile Rank	9	12	22	43	12	19	17	42	79	15	23
# of Invest. in Cat.	866	940	810	810	775	697	673	710	757	754	686

https://www.morningstar.com/funds/xnas/vbiax/performance

Table II. Average Fund Performance over multiple years As of August 30, 2024

	YTD	1-year	3-year	5-year	10 year	15 year
VBIAX	12.12%	18.53%	3.80%	9.12%	8.18%	9.49%
Category Ave	10.62%	16.12%	3.30%	7.88%	6.50%	8.07%
Percentile Rank	24	21	39	24	14	15
# of funds in	716	707	665	631	484	356
Cat.						

https://www.morningstar.com/funds/xnas/vbiax/performance



Alex Manda Annual Report Chairperson – NAGT Membership Committee

COMMITTEE MEMBERSHIP

Dana Thomas
Mike Phillips
Christy Visaggi
Anne Egger
Katherine Ryker
Mitchel Bender-Awalt
Alex Manda
Kim Cheek GER division representative
Stephen Mattox
Becca Walker Geo2YC representative (joined Oct 2023)
TED representative (Open)

EXECUTIVE SUMMARY

The Membership Committee is focused on developing and executing strategies for recruiting new members, re-engaging lapsed members, and retaining current members. Recent efforts include organizing a Virtual Recruitment Event in January 2024, analyzing membership trends to identify causes for decline, and opening an invitation to the Teacher Education Division to improve representation and recruitment. While a proposal for a paid subscription model for webinars was not pursued, the committee has been active in member engagement through virtual events, such as game nights, and is collaborating with other committees to host future events like a virtual fireside chat to foster member interaction. Looking ahead, the committee aims to explore additional initiatives to grow membership, sustain engagement during years when key events like the Earth Educators Rendezvous are not held, and refine the roles of Sections and Divisions in supporting membership goals. The committee remains committed to finding innovative ways to recruit and retain members, ensuring the long-term vitality of the organization.

COMMITTEE GOALS

The committee's goals are to develop and implement strategies for identifying and recruiting potential members and engaging and retaining current members.

The membership committee has made progress in moving towards these goals by the following:

- The membership committee organized an NAGT Virtual Recruitment Event in January 2024 to reach out to lapsed members. The members of the council were invited to take part in this virtual recruitment event.



- The Membership committee scrutinized membership numbers over time to evaluate how the numbers changed and what factors may have influenced the changes in the numbers, and what the committee could do to address the decline in numbers.
- An invitation is still open to the leadership of the Teacher Education Division to join the membership committee to improve representation and to help develop strategies for retaining and recruiting more members.
- A draft proposal developed by the membership committee focusing on a paid subscription model for access to specific NAGT webinars was not supported in its current form by the Webinar and Professional development committees. The revisions/actions suggested in the feedback did not fall under the purview of the Membership committee and thus the committee did not pursue the matter further.
- The membership committee hosted a virtual game night where members met to play a virtual game of Coden Names. A framework for holding future game nights will be developed.
- The membership committee is in discussions with the Webinar committee to develop a framework that would work for hosting a virtual fireside chat event. This event would help to engage with the membership of the NAGT.

FUTURE WORK

Future work of the membership committee includes

- Identify new/other initiatives to recruit and retain NAGT members.
- Discuss strategies to maintain interest and engagement in NAGT in years when the Earth Educators Rendezvous will not be held.
- Organize an 'email-a-thon' event to contact lapsed members.
- Organize a virtual fireside chat event to engage with members.
- Discuss roles of Sections and Divisions in recruiting and retaining members.

NAGT Professional Development Planning Committee Annual Report, 2023-2024

Prepared by: Karen Viskupic, committee chair

Executive Summary

The NAGT Professional Development Planning Committee (PD Committee) oversees all NAGT professional development programs including:

- 1. Webinar Series
- 2. Workshop for Early Career Faculty
- 3. Earth Educators' Rendezvous (EER)
- 4. Preparing for an Academic Career Workshop (held at EER)
- 5. Traveling Workshops Program (TWP)
- 6. Teach the Earth website (TTE)
- 7. TTE Activity Review

The PD Committee continues to work with the Executive Committee and subcommittee chairs to provide high-quality and relevant PD programs for the geoscience community. This has been a challenge over the past year, with lower-than-expected participation in the Earth Educators' Rendezvous and the Travelling Workshops Program which negatively impact the overall NAGT budget. The PD Committee has been exploring ways to increase participation in PD programs with the goal of having a neutral PD budget, or even a net gain.

This year, we piloted two virtual multi-session workshops that included a registration fee to cover the expense of running the workshop. The first of those workshops (mentoring) was canceled due to low enrollment, but the workshop was offered by request as a Traveling Workshop for the Illinois Geological Survey. That workshop was successful and a virtual mentoring workshop is now listed as an offering through TWP. The second workshop (course design) also had lower enrollment, but ran for 11 participants. We plan to run multi-session virtual workshops again this year, but with a longer period of targeted advertising. Planned virtual workshops include Course Design, and Preparing for an Academic Career (which will be offered virtually during years in which there is no EER).

In the next year we will be working to better coordinate across programs, and to develop processes and guidelines for offering virtual workshops, webinars, and EER programs. With over a year to prepare for the next EER (summer 2026) we plan to use webinars and virtual workshops strategically to preview EER topics and connect with potential participants.

Note: Each PD program will be submitting its own annual report with an executive summary. Since those reports are all late coming in, I did not want to delay submitting this brief summary. I can update this report with summaries from all participating programs when they are available. For now, I can include the following summaries:

Webinars: 274 participants

Report submitted by Julie Ferguson

There were 12 webinars during the 2023-2024 academic year that attracted 1,061 registrants and 274 attendees. Common themes in webinars included bringing IT skills into the classroom, new curriculum for use in K-12 and undergraduate classes, and ways to get involved in NAGT Sections or EER workshops. All webinars are recorded and posted on the NAGT website. Workshops on "Geoscience teaching and learning in the time of AI," "Bringing coding into your undergraduate classroom," and "AGI Earth Science week: providing multi-faceted support for NGSS-ESS instruction" had the highest number of attendees. Looking to the future, the committee is discussing ways to support continued professional development during years with no EER

Traveling Workshops Program: 42 participants

TWP chair: Walt Robinson, North Carolina State University

Demographics of workshop participants are not collected.

The TWP continues to be challenged by a small number of workshop applicants, but a number of steps were taken this year to address this:

- Preparation and publication of articles about TWP in Eos and In the Trenches.
- A refinement of the facilitator list, based on a positive indication of continued interest in facilitating in late summer 2023
- Offering a broader spectrum of workshop formats and themes, beyond the "traditional" 2-day, in-person, stronger department workshop. These are described on the new (as of September 2024) TWP website. The new site also offers greater clarity on the process of choosing and applying for a workshop and the costs of workshops.
- An outreach effort (linked to the Eos article) in autumn 2024, in which members of the TWP management and facilitator teams are encouraged to contact people they know at departments/organizations that could benefit from a workshop.

Three workshops were conducted during FY24: University of Tulsa (building stronger departments; in-person), East Carolina University (cross-campus environmental and sustainability programs; in-person), and the Illinois State Geological Survey (mentoring; virtual)

Preparing for an Academic Career in the Geosciences Workshop: 21 participantsReport submitted by Brendan Hanger

The Preparing for an Academic Career in the Geosciences workshop was held July 15-17, 2024 at the Earth Educators' Rendezvous in Philadelphia, PA. Workshop leaders were Brendan Hanger and Lynsey LeMay (returning conveners) and Becki Beadling and Christy Visaggi (new conveners). The workshop program included one day on career options at different academic institution types, one day on the application process and interview skills, and one day on building

research and teaching skills. The workshop evaluations were extremely positive. The leadership team plans to recruit and train additional co-conveners for the next few years. Lisa Gilbers and Lynsey LeMay will lead a virtual Career Prep workshop in 2025.

NAGT Executive Office 2024 Annual Report

Submitted by Mitchell Bender-Awalt, SERC Project Coordinator

Executive Office Staffing

The Executive Office supports the work of the Executive Director, the management of the organization, and the management and implementation of the NAGT programming and activities. The Executive Office staff has been consistent for much of the year. In January 2024, Brianna Douglas joined the SERC office as an Administrative Assistant. Mitchell Bender-Awalt, Rebeccah Bradley, Monica Bruckner, and Amy Collette remain in their roles at SERC and continue to support the work of the Executive Office. Ashley Carlson supports the NAGT webinar series, and John McDaris works with Kyle Fredrick on the teaching activity review. Holly Kelchner assists with the virtual workshop series. The Executive Office staff meet approximately every two weeks with the Executive Director, Anne Egger, to provide updates and coordinate our work.

In April of this year, Cheryl Manning began in her role as NAGT's Media Editor, taking on management of NAGT's social media platforms as well as the NAGT News email newsletter. The Executive Office works closely with the Media Editor to coordinate messaging across all communication channels.

NAGT Administration and Executive Committee Support

Our ongoing efforts for NAGT included support for the Executive Committee, Council, Committees, Divisions, and Sections in their work. We worked to support organization leadership through workspace management, virtual meetings, and for the Executive Committee's annual mid-year meeting which was held online. We also supported committees in their volunteer work for the organization, particularly the ongoing efforts of the Development, Membership, Diversity, Equity, and Inclusion, and Sections committees.

The Executive Office was deeply involved in modifications to the NAGT elections process this year. SERC's Technical Director, Sean Fox, designed new form functionality that allows the ballot to display the appropriate Section and Division ballots for members. Using this new feature, we successfully executed the 2024 elections, including the elections for the Sections.

Executive Office staff worked with member volunteers in several ways. We assisted with the development and modification of portions of the NAGT website, including the Traveling Workshops Program, In the Trenches, and On the Cutting Edge Professional Development Program. We also facilitated the creation of a web resource that supports this year's AGI Earth Science Week theme "Earth Science Everywhere."

We continued to support the On the Cutting Edge professional development programming of the organization. We worked with NAGT leadership on executing the Earth Educators' Rendezvous (EER). This year's conference was held in Philadelphia, PA, and featured 6 MondayWednesday morning workshops, 7 Thursday-Friday morning workshops, 15 afternoon miniworkshops, 15 roundtable discussions, 2 plenary speakers, 21 oral presentations, 57 poster presentations, 12 share-a-thon presentations, and 7 teaching demos. This year's EER featured 2 field trips and 2 lab tours. The EER was attended by 231 participants.

The workshop for the Early Career Geoscience Faculty: Teaching, Research, and Managing Your Career was offered again this year and included 59 participants and 11 leaders. We also supported 3 traveling workshops, a virtual workshop on course design, 12 webinars, a virtual Review Camp, and the Heads & Chairs workshop at AGU.

Membership

In supporting NAGT's membership management, we saw a decrease in membership for 2024 from 1407 to 1326 members. This is the fourth straight year of decreased membership, from a high of 1711 in 2020. This year we continued our efforts to consistently provide Sections and Divisions regular updates on their membership. We hope that receiving this type of regular communication helps everyone support increasing memberships in the organization. For the 2025 member drive, the Executive Office is working closely with the NAGT Media Editor Cheryl Manning to coordinate messaging with members and non-members across our website, social media platforms, and communications.

For more detail, see the 2024 Membership Report.

Finances

The Executive Office continued to manage the finances of the organization. We worked with the Executive Director and Treasurer to budget and present the FY24 financials to the Executive Committee. In addition, we continued to support Division and Section treasurers in their roles, providing financial information when requested. The first slate of Gary Fuis and Stacey Andrews NAGT/USGS Cooperative Summer Fellowship scholarships were awarded this spring to exemplary Fellowship program participants. Working with the Executive Director, we executed a contract for the new NAGT Media Editor. Additionally, we managed the 2023 tax return, including preparation of supporting documents, reports for the Executive Director and Executive Committee, and filing with governmental agencies. Finally, we renewed the general liability insurance and directors and officers insurance for the organization and processed 1099s.

Publications

The Executive Office worked in coordination with the publishers and editors for the Journal of Geoscience Education (JGE) and In the Trenches (ITT). We continued to support JGE in the individual subscriptions to our members and ensured that mailing lists were sent to the publisher upon request. Over the course of the past year, we have processed 34 JGE publication charge invoices, receiving payment on 44% of those billed. The Executive Office worked with the ITT copy-editor and printer on reviewing and proofreading issues and managing mailings to current NAGT members. The Executive Office coordinated the creation and distribution of

online versions of each issue of ITT. We also worked with the ITT editor and NAGT Executive Director on changes from print and PDF versions of ITT to an all-online publication. The Executive Office produced an annual report for 2023 that was distributed to all members.

Marketing, Advertising, and Communications

We represented NAGT at GSA Connects 2023 in Pittsburgh, PA through multiple activities, including arranging the exhibit hall booth; planning the NAGT/GSA GED/GeoCUR awards luncheon; coordinating exhibit booth staff; and attending online meetings for the Executive Committee, Council, Divisions, and the NAGT/USGS Field Study Cooperative program. We also supported NAGT at AGU 2023, including planning, packing, shipping, and staffing/volunteer management for the NAGT booth.

Each month, Executive Office staff worked with the NAGT Media Editor to prepare and distribute the NAGT News newsletter via email. We also developed new advertising materials and signage, including new target audience flyers, Earth Science Week bookmark, and professional development promotional materials.

This was the third year of operation for the online NAGT merchandise store. In the past year there have been 48 sales of NAGT products. Executive Office staff continue to monitor and manage the NAGT store.

Awards Program

We continued to support the awards process. In February, 59 Field Camp scholarship applications were processed, and we awarded 18. We also awarded 23 Oustanding Earth Science Teacher winners (7 Section, 16 state), notifying partner professional societies of the awardees, and preparing for the announcements through our website. 30 Outstanding Teaching Assistant awards were given. Plaques or certificates were ordered and citations were solicited for Shea, OEST, OTA, and JGE award winners.

Computer Services

The Executive Office continued to support the organization's web presence through the NAGT website, hosted by Serckit. We leveraged Serckit to enable internal and external communications using email lists and workspaces. Office staff engaged in day-to-day maintenance to the website, including fixing broken links, updating leader information, and minor content updates.

See the 2024 Website Analytics Report for details.

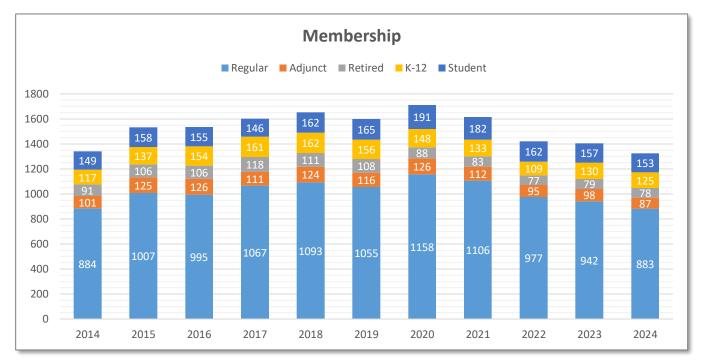
NAGT Membership Report

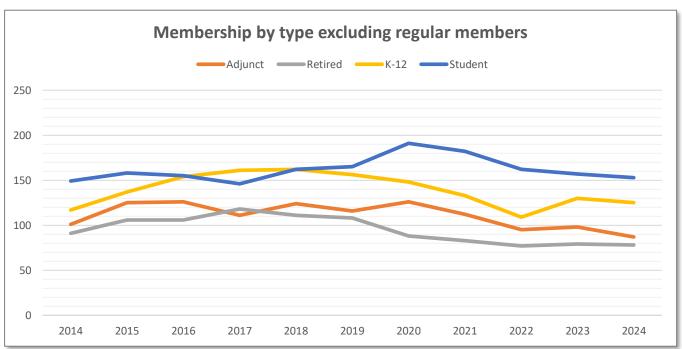
August 31, 2024

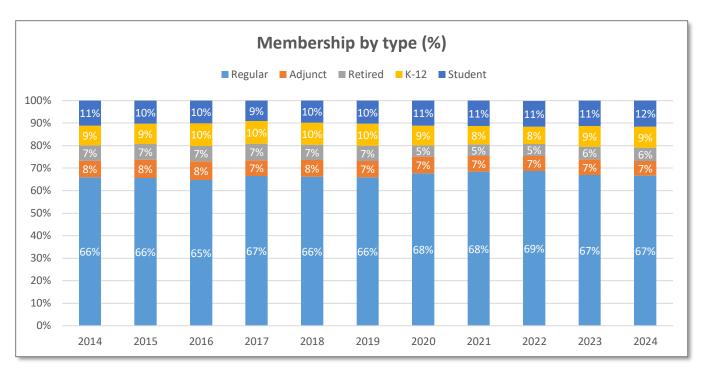
Membership Highlights

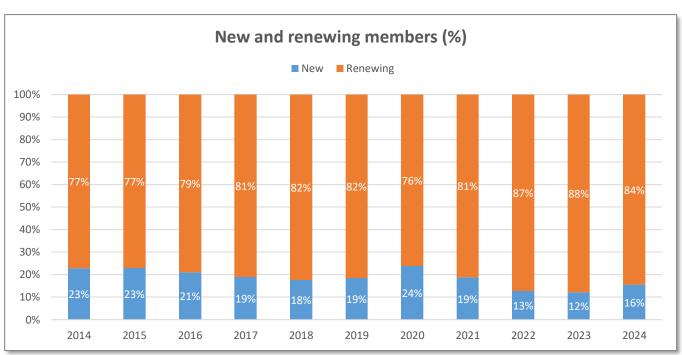
- Memberships: 1326; decrease of 6% from last year
- The auto-renew rate rose from 44% in 2023 to 46% in 2024
- The proportion of new members rose from 12% in 2023 to 16% in 2024

Association Membership

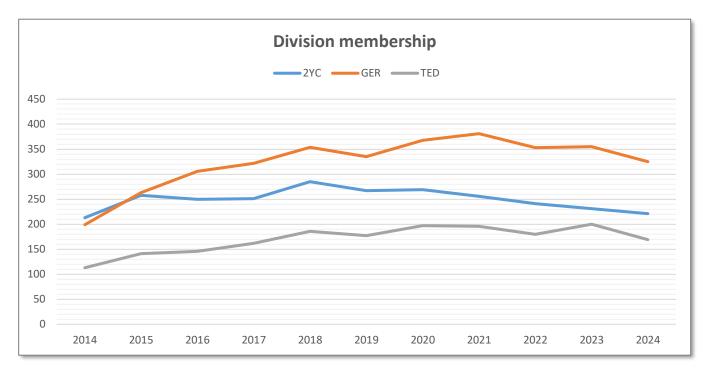


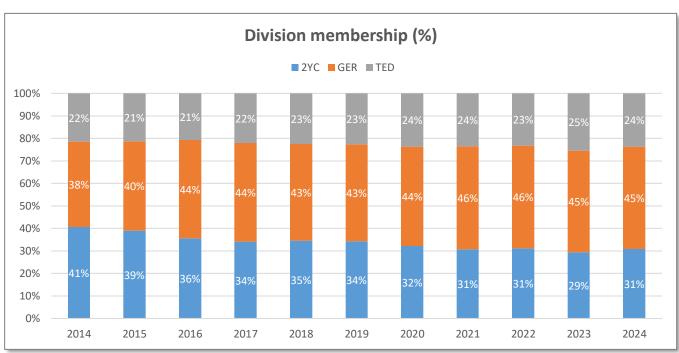




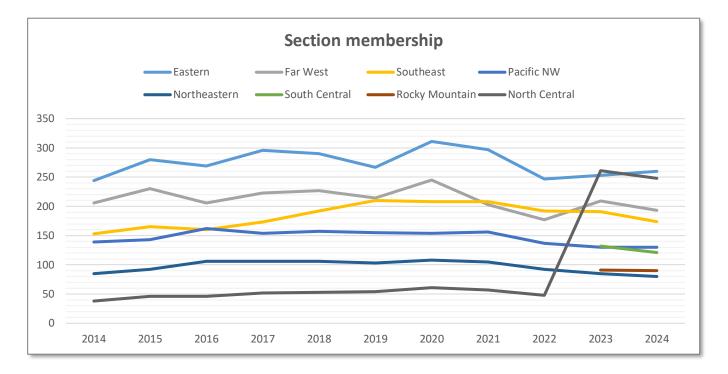


Division Membership





Section Membership



If you would like to see different data or this data presented differently, please let us know!



National Association of Geoscience **TEACHERS**

WEBSITE ANALYTICS REPORT

October 2024

LEAD AUTHORS

Mitchell Bender-Awalt

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	Site Use Visitor Engagement Section and Division Website Usage New Website Content Earth Science Week In the Trenches New Section Webpages Target Audience Webpages

EXECUTIVE SUMMARY

Key takeaways from the analytics for the NAGT website include:

- Page views of the NAGT website increased for the first time since 2020.
- While visitors dropped slightly in 2024, the decrease seen in the previous three years appears to have slowed.
- Division website usage is down slightly while Section website usage increased overall.

SITE USE

After three years of decreasing website use, page views of the NAGT website increased in 2024 (Figure 1). In the 2024 fiscal year (September 1, 2023 to August 31, 2024), the NAGT website had 108,453 visitors and 249,309 page views¹. Pageviews and visitors had peaked in 2020 and fallen the three years since. While the number of visitors decreased again from 2023 to 2024, that decrease was very small, and overall, the number of visitors appears stable over that period.

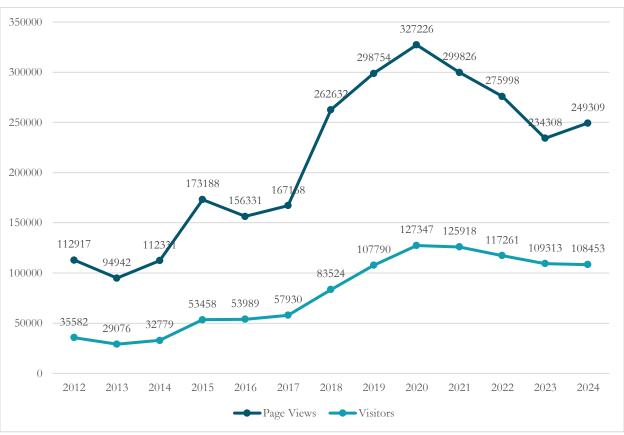


Figure 1. Page views and visitors each year (September to August) from 2012 to 2024.

In the period between 2022 and 2024, patterns of monthly NAGT website use remained mostly

¹ Note that numbers reported in this year's report may be different than in the past reports because of a new in-Serckit collection system, but those differences are within the expected margins of error (for both systems) so that the general conclusions drawn from the data do not change.



consistent with the previous year (Figure 2). Fall website use was higher in 2024 than in 2022 or 2023, and saw a relative spike in July of this year. 2024 matched 2023 in terms of winter website use—lower than 2022's notable high.



Figure 2. Monthly page views for 2022, 2023, and 2024.

VISITOR ENGAGEMENT

While no single measure of engagement exists, it can go beyond total numbers of visitors. As shown in Figure 3, the number of visitors to the NAGT website has experienced an overall increased since 2012. Visitors have fallen from a peak in 2020 but are stable over the past two years. Engaged visitors (on a site for more than 30 seconds) have decreased over the past two years. Intense visitors (on a site for more than 3 minutes) increased significantly in 2022 has have remained high relative to years prior to 2022, despite a small decrease in 2024. Note that the highest level of engagement of each visitor is shown in Figure 3, even though 'intense visitors' could also be classified as 'engaged visitors.'



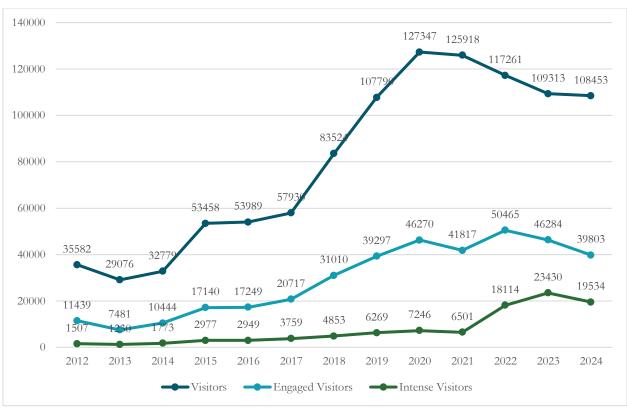


Figure 3. The number of visitors by year and categorized into Serckit engagement levels. Note the highest level of engagement of each visitor is shown, even though 'intense visitors' could also be classified as 'engaged visitors.'

SECTION AND DIVISION WEBSITE USAGE

Page views of Division websites decreased across all three Divisions (Figure 4). The decrease was most apparent for the GER Division website, views of which fell from more than 4,000 in 2023 to less than 3,000 in 2024.



Figure 4. Page views by year for each of the NAGT Divisions from 2012 to 2024.



Section website page views increased across almost all Sections, with the exception of the Rocky Mountain and South central Sections, for which there were no websites prior to this year, and the Northeastern Section, which had a small decrease.

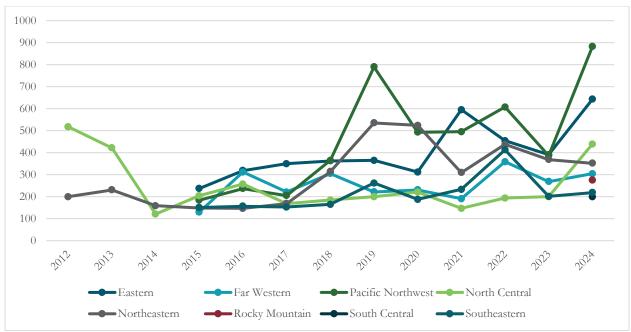


Figure 5. Page views by year for the NAGT Sections. Note that some Sections maintained external websites--that data is not included here.

NEW WEBSITE CONTENT

Additions to content on the NAGT website included work on target audience webpages, new Section websites, In the Trenches, and a feature for Earth Science Week. These efforts, along with website use for associated webpages, are shared below.

Earth Science Week

Annually, NAGT assembles reviewed K12 teaching resources from the Teach the Earth collection to address the theme of <u>Earth Science Week</u>. This year (2024), the theme was Earth Science Everywhere. The Earth Science Week website received 448 page views and 292 visitors. The Earth Science Everywhere webpage received 78 page views and 56 visitors.

In the Trenches

The 2024 January, April, and July issues of <u>In the Trenches</u> were published online. The January issue received 590 page views from 389 visitors. The April issue received 488 page views from 275 visitors. The July issue received 344 page views from 214 visitors.

The NAGT Executive Office began the work of transitioning *In the Trenches* to its new format. That work is ongoing and we hope to debut the new format this fall.



New Section Webpages

Beginning in fiscal year 2024, NAGT reorganized the regional sections. As part of the reorganization process, two new sections were created: the Rocky Mountain and South Central sections. New webpages, workspaces, email lists, and other website functionalities were created for these new sections. See the Section website usage above for details on the page views to the new section webpages.

Target Audience Webpages

Following the guidance of the NAGT Membership committee, audience-focused pages within the "Our Resources" portion of the NAGT website were created or updated for the following groups: faculty, K-12 teachers, students, departments, education professionals, and job-seekers. Note that the "For Job Seekers" webpage is the Career Hub webpage with a new title. Page views and visitors for these webpages are shown in Table 1.

These webpages also formed the foundational material for target audience flyers that were used at the GSA Connects 2024 exhibit booth.

Table 1. 2024 web use data for the target audience webpages.

Page	Page Views	Visitors	Engaged Visitors	Intensive Visitors
Faculty	580	460	140	71
K-12	806	606	229	104
Students	597	457	113	45
Education Professionals	343	290	61	28
Departments	256	216	50	20
Job Seekers	1268	732	224	112

APPENDIX A: DATA TABLES



Table 2. The number of page views and visitors by year for 2012 to 2024, as shown in Figure 1.

Year	Page Views	Visitors
2012	112917	35582
2013	94942	29076
2014	112331	32779
2015	173188	53458
2016	156331	53989
2017	167168	57930
2018	262632	83524
2019	298754	107790
2020	327226	127347
2021	299826	125918
2022	275998	117261
2023	234308	109313
2024	249309	108453

Table 3. Page views by month for 2022, 2023, and 2024, as shown in Figure 2.

Month	2022	2023	2024
September	21112	19110	20214
October	27822	22224	29910
November	21133	17997	20563
December	17022	14349	14959
January	37427	22125	22115
February	30448	23756	23844
March	28749	21093	25106
April	23778	24377	22070
May	19809	20251	21749
June	16880	16061	13411
July	14014	15216	22012
August	17804	17749	13356

Table 4. The number of visitors per year categorized into Serckit engagement levels, as shown in Figure 3.

Month	Visitors	Engaged Visitors	Intense Visitors
2012	35582	11439	1507
2013	29076	7481	1230
2014	32779	10444	1773
2015	53458	17140	2977
2016	53989	17249	2949
2017	57930	20717	3759
2018	83524	31010	4853
2019	107790	39297	6269
2020	127347	46270	7246

2021	125918	41817	6501
2022	117261	50465	18114
2023	109313	46284	23430
2024	108453	39803	19534

Table 5. Page views by year for the NAGT Sections from 2012 to 2024, as shown in Figure 4.

Year	Eastern	Far Western	Pacific Northwest	North Central	North- eastern	Rocky Mountain	South Central	South- eastern
2012				518	200			
2013				422	231			
2014				121	159			
2015	237	130	184	204	149			151
2016	319	312	237	257	147			157
2017	350	221	205	168	169			153
2018	363	305	365	185	314			165
2019	365	222	790	200	535			262
2020	312	231	493	221	524			188
2021	595	191	495	147	310			233
2022	454	359	607	194	438			413
2023	391	269	387	200	369			201
2024	643	304	883	439	352	275	199	219

Table 6. Page views by year from 2012 to 2024 for the NAGT Sections, as shown in Figure 5.

Year	Geo2YC	GER	TED
2012	1775		
2013	1799		
2014	1490	1419	402
2015	2033	1111	663
2016	2035	1581	485
2017	1377	1615	609
2018	2051	2885	1032
2019	2383	3653	700
2020	2642	3737	760
2021	3092	3493	826
2022	2863	4121	899
2023	3263	4096	776
2024	3100	2978	450