



November 2018 Newsletter Volume 4 Number 3

TED President's Column: Mutual Benefit

By Suzanne T. Metlay, President, NAGT Teacher Education Division

The midterm elections nationally and NAGT meetings at GSA-Indianapolis are here! It's a time of transition and hope in our future. Through voting and civic engagement, we transform our communities often for the better in the long-term. NAGT Teacher Education Division is definitely improved by your active participation, even if it's just renewing your membership for another year.

Your TED dues helped pay over the past 12 months for a lot at the Earth Educator Rendezvous in 2018 (see the article later in this newsletter) and for TED's 1st swag: luggage tags you should pick up at the NAGT booth. Grab a TED sticker for your nametag while you're there.

How else can you engage with TED?

- **Participate in TED Executive Committee meetings.**
 - o In 2018, we started holding these meetings roughly every other month in the evening so those of you who work during the day could attend. Let any member of the new Executive Committee know if you have items to add to the agenda. Show up just to listen in – we're here for you so come hear what we're talking about.
- **Submit newsletter articles.**
 - o Brag about the great stuff you're working on. Solicit feedback or comments on projects you're trying to launch. Advertise your teacher professional development workshops. Whatever you want to say, we are a built-in audience to actively listen and respond.
- **Attend TED-sponsored sessions at conferences.**
 - o You're there anyway as a learner or presenter (or both). At EER, GSA, AGU, NAGT, NESTA and other events, meet and greet like-minded folks – you'll know us by our nametag stickers and/or luggage tags, if not by the presentation schedules.
- **Serve on a committee.**
 - o TED has three committees that could use some love:
 - **Ad Hoc Social Media Committee** – this one is particularly urgent; see the article later in this newsletter about an Interim Media Director.
 - **Conference Committee** – we've reached out to ASTE (unsuccessfully) and AGU (more successfully). Let's continue extending our hand to professional organizations engaged in geosciences teacher education.
 - **Long-Range Planning Committee** – self-explanatory. Where we go next really should be up to you.
- **Run for office.**
 - o Every summer, NAGT holds elections for sections and divisions, including TED. This is a great way to serve your professional community and make meaningful change. It also looks pretty good on a CV or tenure portfolio, if that's important for you.

Sincere thanks to **TED's outgoing officers: Jeff Thomas, Past-President, and Steve Mattox, Media Director.** I relied on you a lot this past year and am very grateful for your service and collegial friendship.

TED's new officer and *ex officio* slate is exciting:

President – Eric Pyle, James Madison University

Vice President – Laura Hollister, Pitman High School (Turlock, CA)

Past President – Suzanne Metlay, Western Governors University

Secretary/Treasurer – Peggy McNeal, Towson University

Media Director – Interim TBD

NAGT Executive Committee Liaison – Kathy Ellins, University of Texas-Austin

NAGT Eastern Section Liaison – Christopher Roemmele, West Chester University

NESTA Liaison – Rick Jones, University of Hawaii-West O'ahu

NSTA Liaison – Paul Adams, Fort Hays State University

As I reported at the October meeting of the NAGT Council, TED's goals for the next 12 months include but are not limited to:

- Greater TED involvement in 2019 Earth Educator Rendezvous (Nashville, TN).
- Increased TED presence and participation at GSA, NSTA, AGU, and other professional meetings.
 - Continued collaboration with NESTA wherever possible.
 - Press forward with outreach to ASTE and other teacher education associations.
 - Pay attention to possible changes in GSA Education and react as appropriate.
- Recruit interim media director as Steve Mattox steps down as Media Director in November 2018.
- Ad-Hoc Committee development to improve TED social media and member outreach. Focus on:
 - Member input regarding what makes TED distinct & worthwhile
 - What TED can provide to geoscience teacher preparation programs
 - What TED can provide to K-12 teachers
- Consider working with NAGT journals (*Journal of Geoscience Education* and *In the Trenches*) to promote dissemination of research and best practices in teacher education.
- CAEP standards 20/20: continue to monitor for possible comment or activity.
- Teacher Leader recognition standards: further development, NAGT Council approval, and TED implementation during FY19 if possible.

What else would you add to this list?

Thanks for an amazing year, TED! It's been a real privilege to serve as your TED President.

Suzanne T. Metlay, President, Teacher Education Division, National Association of Geoscience Teachers

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2. TED at Earth Educator Rendezvous 2018

- By Suzanne T. Metlay, President, NAGT Teacher Education Division

TED decided to represent for the first time at the **Earth Educator Rendezvous 2018** in Lawrence, Kansas, and it was a total success! We decided to engage in three ways: provide travel stipends, sponsor the meal break before a session, and distribute division swag.



TED EER session participants. July 2018.

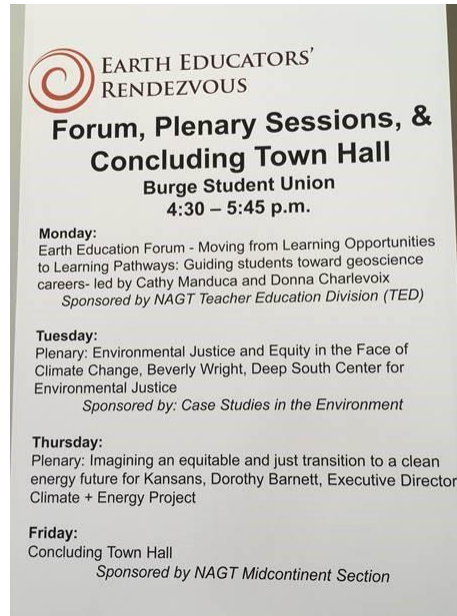
Krista Herbstrith, much-missed former Assistant Director of NAGT, reported the following:

- Five K-12 geoscience teachers or teacher educators were awarded travel stipends of \$100 each to participate in EER 2018. Of these, only one was an active TED member.
- The 2018 awardees were a(n):
 - o Student in a teacher preparation program at Florida International University, Miami, FL.
 - o K-12 teacher at Harvard-Westlake School, Paramount, CA.
 - o K-12 teacher from Evergreen, CO.
 - o K-12 trained teacher who works for the CT State Dept of Education while serving as New England Director of National Earth Science Teachers Association (NESTA).
 - o Instructor in a teacher preparation program at Butte College, Chico, CA.

According to Krista, “we had ~187 people registered for Monday [16 July session] and I’m guessing most were in the room. It was a very engaging plenary and a perfect topic to have TED sponsor. Cathy and Donna led a forum that involved a lot of brainstorming and attendee participation. You can find the notes here: https://serc.carleton.edu/earth_rendezvous/2018/program/forum/index.html”.



Peggy McNeal, TED Secretary/Treasurer, did all the work of designing and obtaining our TED luggage tags. TED members participated in a survey during May 2018 to select luggage tags as the swag of choice. Thank you, Peggy, for making this happen!



3. TED needs an Interim Media Director

- By Suzanne T. Metlay, President, NAGT Teacher Education Division

Steve Mattox of Grand Valley State University has been TED Media Director since the establishment of this NAGT Division in 2014. Online and in print, Steve created and maintained TED's newsletter as well as our SERC website, division listserv, and Facebook page: <https://www.facebook.com/NAGTTED>

Thank you, Steve! While we cannot replace you, we do need someone to build on the foundation you established. TED also needs people to serve on an **Ad Hoc Social Media Committee** to guide us onto other platforms such as Instagram, Pinterest, or wherever geosciences teacher educators are chatting and posting.

TED By-Laws state that the **Media Director** will:

1. *Oversee communications and publicity for the Division, including*
 1. *Develop and maintain a Division website*
 2. *Maintain and oversee a Division listserv*
 3. *Develop and maintain a Division presence on appropriate social media (e.g., Facebook, Twitter, LinkedIn, etc.)*
 4. *Prepare and produce regular communications to members (e.g., electronic newsletter or other postings) as directed by the Executive Board*
2. *Work with the Executive Board to establish a tone for all communications that is aligned with Article I*
3. *Communicate information through all media outlets about Division and member activities, as well as information from other groups relevant to teacher education, to Division members in order to support the community of teacher education professionals within the geosciences*

4. *Communicate information through all media outlets about Division and member activities to external groups, including NAGT, other geoscience professional societies, and other organizations relevant to teacher education in order to promote the activities of the Division*
5. *Provide the incoming Media Director with:*
 1. *Copies of all business correspondence that were sent or received during their term in office*
 2. *Copies of all files, records, and other information relating to electronic media*
 3. *Support and job training as needed*

In other words, Steve Mattox will help you out and get you up to speed on what he's already been doing for four years. Lisa Nirva at NAGT will help mirror your work in the NAGT Newsletter (*NAGTNews*), where we need to start posting in 2019.

It would be great to nominate an **Interim Media Director** for approval during the January 2019 TED Executive Committee meeting. ***Please nominate yourself or someone else*** for this position or for committee membership by contacting the TED Nominations & Elections Committee Chair at suzanne.metlay@wgu.edu by **30 November**.

4. Appalachian State University Hits the Road for Outreach in the "Geobago"



The Department of Earth and Environmental Sciences at Appalachian State University continues to grow its outreach program. After a successful series of K-12 teacher workshops this summer including the "Deep Time Toolbox" and the "Rockin' NC" workshops, the department rolled out its new outreach vehicle in September. A renovated RV turned into a Mobile Earth and Environmental Science Lab, the "Geobago" will help support science education across the western North Carolina region and beyond. The Geobago is sponsored by the College of Arts and Sciences at Appalachian State University and Vulcan Materials Company. The Geobago will serve as a mobile classroom that kids will be able to visit for hands-on activities.

Through an Environmental Education EPA Grant awarded to the department, the Geobago will feature the "Water on the Move" program this Spring to bring awareness of water quality issues and education about local watersheds to rural communities. For more information about Appalachian State's earth science outreach offerings including teaching materials, workshops, loaner kits, the Geobago and field trips to the McKinney Geology Teaching Museum and Webb Outdoor Laboratory, visit <http://earth.appstate.edu/outreach> or email Outreach Coordinator Marta Toran (toranml@appstate.edu).

5. GeoTeachers Professional Development Workshops for 2019

The Geological Society of America is proud to announce its GeoTeachers Professional Development Workshops for 2019. We are excited to invite you to consider our workshops in the glaciated terrain of the Great Lakes in Northern Indiana, Central Colorado's Mineral Belt and Arizona's Valley of the Sun in Phoenix in association with the GSA Annual Meeting.

Greater Indiana Geology



TBD, IN

June 24 – 28, 2019

Registration Opens: **January 15, 2019**

Early Registration Cost: **\$500**

Graduate Credits Available: **3**

Partial Scholarships Available for all courses.

Central Colorado Mineral Belt



Colorado Springs, CO

July 22 – 26, 2019

Opens: **January 15, 2019**

Early Cost: **\$600**

Graduate Credits: **3**

Arizona's Valley of the Sun



Phoenix, AZ

September 20 – 23, 2019

Opens: **March 1, 2019**

Early Cost: **\$300**

Graduate Credits: **2**

Where can I get more information?

- For current and past workshops check the GeoTeachers Webpage at: www.geosociety.org/geoteachers
- Insights from Past Workshops? Check the GeoTeachers Blog at: <https://speakingofgeoscience.org/tag/geoteachers/>
- Join the GeoTeachers Contact List by Filling Out a Contact Form at:
 - For Leaders: <http://bit.ly/2y7SucW>
 - For Participants: <https://goo.gl/forms/gSJFA73IEWqplMFX2>
- Not Seeing a Workshop in Your Area? Contact Dean Moosavi about our workshop planning efforts for 2020 and beyond.
- Contact Dean Moosavi at 303-357-1015 or smoosavi@geosociety.org

6. NAGT Activities and Workshops at GSA



The Geological Society of America Annual Meeting is right around the corner, taking place in Indianapolis, Indiana, from November 4-7. Be sure to check out all of the NAGT and education activities (workshops, field trips, topical sessions, meetings and events) going on at GSA. NAGT is cosponsoring a number of events on a wide array of important education topics. You can see all the NAGT sponsored events at GSA on NAGT's GSA webpage.

Don't forget to stop by our booth (#314) in the exhibit hall to learn about recent NAGT activities, learn about sponsored projects, and connect with other NAGT members and staff working the booth.

7.Volunteer to staff the NAGT booth at GSA and/or AGU



Seeking Volunteers for the NAGT Booth at GSA and AGU - We are actively soliciting NAGT members to help staff the booth during the GSA and AGU annual meetings. This is a great way to meet other NAGT members from around the country and share your excitement about geoscience education. Your commitment and enthusiasm are critical to helping bring new members on board. If you've never volunteered at the booth before, it's so easy! And there will be experienced NAGT officers and staff on-hand to offer guidance and assistance across your shift. If you have even a little time you can share to represent NAGT, please contact Amy Collette (acollette@carleton.edu) in the Executive Director's Office and she can get you on the schedule. Remember, volunteering at the booth is also an excellent way to increase awareness of your own work and efforts--we're so proud of all that NAGT members accomplish!