

NAGT webinar series planning committee 2020-2021 report

Executive Summary

The NAGT webinar series planning committee designed and implemented an annual webinar series that serves the community needs and finds appropriate speakers to fill the webinar schedule. The webinars showcased the following NAGT sponsored projects, programs, and divisions: NGSS, GETSI, NAGT Advocacy, TWP, GER, EDDIE, and TTE. During 2020-2021, the NAGT webinar series delivered 25 webinars. The webinar planning committee had two meetings during the 2020-2021 academic year. The meetings focused on developing potential webinars from NAGT sponsored projects, programs, and divisions, formulating a list of themes the webinars should cover, developing a protocol to nominate and select new members, and populating the webinar schedule for the weekly webinar series. The committee helped refined guidance for scheduling, developing, and implementing interactive webinars. During 2020-2021 academic year we ran multiple webinars on strategies and resources for teaching geoscience online, as well as online approaches to internship programs and developing a sense of place. Through the webinar series, NAGT strengthened its partnership with CUAHSI (water education) and with the NASA earth education. Additional webinars addressed access and accommodations, inclusive teaching practices, online data resources (e.g. shakealert), EDDIE webinars on environmental datasets, and TTE overviews. For the 2021-2022 academic year, we have delivered three webinars and have six more scheduled. We will begin scheduling webinars for the spring semester in November.

Committee

Rory McFadden (chair, Gustavus Adolphus College), Aida Awad (AIU), Adrienne Leinbach (Wake Technical Community College), Cailin Orr (SERC), Beth Pratt-Sitaula (UNAVCO), Stefany Sit (University of Illinois at Chicago), Margie Turrin (Columbia University), and Sean Tvelia (Suffolk County Community College). The committee was supported by Bradlee Cotton and Mitchell Bender-Awalt

Sean Tvelia and Stefany Sit are leaving the committee for 2021-2022. We have elected two new members to serve a three-year term: Karen Layou (Reynolds Community College) and Emily Scribner (Clemson University)

Throughout the 2020-2021 academic year, there were over 4500 registrants and over 1400 attendees. For the year, we had 50% more registrants and 40% more attendees than 2019-2020. On average, webinars had 179 registrants and 57 attendees. This represents a 32% increase in attendance and a 47% increase in number of registrants and a 21% increase in average number of attendees.

The webinar series evaluation had a 21% response rate, with 298 respondents completing end of workshop evaluations. These respondents reported an average satisfaction of 9.11 (scale 1-10), 3.67 (scale 1-4) for participant exchange during the webinar, 3.85 (scale 1-4) for webinar technology, and 3.90 (scale 1-4) webinar facilitation.

[2020-2021 webinar archive with titles and presenters](#) (table on next page)

Name and contact of next year's report: Rory McFadden (rmcfadde@gustavus.edu)

NAGT Webinar Series 2020-2021

Date	Title	Registrants	Attendees
7/23/20	Teaching Online Introductory Geoscience Labs	325	165
8/19/20	Navigating the TTE Portal	107	30
8/27/20	Science Communication for Social Justice	216	120
9/10/20	NGSS-ESS Mini-series: Remote Teaching and Learning Resources, Part 1	189	49
9/17/20	Teaching undergrads about floods: frequency, modeling, and mitigation	820	158
10/7/20	Navigating life as a GER student: Getting involved and networking in the community	49	9
10/15/20	NGSS-ESS Mini-series: MORE! Remote Teaching and Learning Resources, part 2	138	36
10/21/20	Running online internship programs: successes and challenges	119	50
11/5/20	CUAHSI Services for the Water-Education community	71	19
11/12/20	Passing the sniff test: What matters most when looking at earth and space science instructional materials	189	56
11/17/20	Developing a sense of place during distance learning	260	94
12/1/20	Building inclusive STEM communities through partnerships with students: The Becoming Human in STEM (HSTEM) initiative	131	56
1/14/21	Using an American Museum of Natural History Teaching Case to Analyze and Interpret Patterns of Ice Mass Loss in Greenland and Antarctica	174	37
1/28/21	Creating compelling and effective teaching activities for Teach the Earth	148	42
2/4/21	The NAGT Draft position statement of climate change learning	58	20
2/11/21	Soil biology, chemistry, and physics, oh my!	158	73
2/23/21	Getting started with NASA data: Mapping hazards from space	234	93
3/3/21	Improving statistical skills through storytelling	120	*
3/11/21	Inspiring ALL geoscience learners nationwide with PBS	143	44
3/30/21	Graduate student onboarding courses: Exposing the hidden curriculum to help your students succeed	114	44
3/31/21	Shakealert: Educational resources for teaching about earthquakes and early warning in the US	200	56
4/8/21	Social media, from the chat room to the classroom	96	39
4/20/21	Geocode: Using GPS data to visualize plate movement and assess earthquake risk	208	47
4/28/21	Inclusion through STEM Experiences: Approaches to Increase Access and Accommodations	178	64
5/13/21	Geoheritage elements to enrich ESS teaching	104	39
	Total	4549	1440
	Average	179	57
	Median	148	48