

MARCH 2019



THE GER EXCHANGE

Promoting high-quality scholarly research in geoscience education.

Mar. 2019 Spotlight: Caitlin Callahan

The March 2019 [GER Spotlight](#) is Dr. Caitlin N. Callahan, Assistant Professor of Geology at Grand Valley State University in Allendale, Michigan. In this GER Spotlight, she talks about her work in increasing diversity in geoscience and other STEM disciplines. Check out the full [March 2019 Spotlight here!](#)



GER at the Earth Educator Rendezvous 2019

[Submit your abstracts](#) to the EER by March 13

The GER division would like to invite our membership to participate in a 3-day writing retreat at the upcoming EER meeting in Nashville. If there are enough interested participants, the writing retreat will be scheduled during the M-W morning timeslot of the [EER agenda](#). If you would like to participate in the retreat please contact facilitator Peggy McNeal (pmcneal@towson.edu)

Featured Publication

[The Science Education Initiative Handbook](https://pressbooks.bccampus.ca/seihandbook/)

This Handbook is based on the Science Education Initiative (SEI), a transformative initiative aimed at changing STEM teaching practices in university settings. The SEI was successfully implemented in two institutions (University of Colorado Boulder and The University of British Columbia) over a period of 10 years. This Handbook shares the SEI's accumulated wisdom of practice in how to implement a department-based initiative, focusing on faculty learning and course transformation facilitated by Discipline-Based Educational Specialists (DBESs). DBESs may be postdoctoral fellows, instructors, or other faculty. The Handbook is aimed at institutional leaders, faculty, and education specialists wishing to create or implement a department-level change initiative for broadening faculty use of effective teaching practices.

Stephanie V. Chasteen and Warren J. Code. (2018) The Science Education Initiative Handbook. Accessed at <https://pressbooks.bccampus.ca/seihandbook/>.

Request for participation in research study

Dr. Emily Walter and Master's student Evelin Munoz at Fresno State University are seeking institutions to contribute to a research study. Participating institutions will provide anonymized summary reports about barriers and levers to active learning practice in STEM classrooms on their campus. These reports can be used for planning purposes and will identify specific barriers and levers to improving conditions for ideal instructional practices at your institution.

The Fresno State Team will be managing all survey distribution and data analysis. They only need your help in obtaining names and emails of faculty and to begin conversations with the Human Subjects IRB at your institution.

For questions on the risks and benefits of study, how to get started, and information on next steps, please contact Evelin Munoz at evelinmunoz@mail.fresnostate.edu OR Dr. Emily Walter at ewalter@csufresno.edu.

Job and Internship Opportunities

● [Assistant Professor of Professional Practice - Geological Sciences](#), Texas Christian University (**Open until filled**)

● [Instructional Assistant Professor - Geology & Geophysics](#), Texas A&M University (**Open until filled**)

- [STEM Education Specialist Faculty](#), Alder Graduate School of Education (**Open until filled**)
- [Director for the Center of Teaching and Learning](#), University of California, Riverside (**Open until filled**)
- [Director of Learning, Development, and Programs](#), Colorado State University (**Application deadline 3/3/19**)
- [Postdoctoral researcher in social sciences](#), University of Northern Colorado (**Immediate opening**)
- [Discipline Based Education Research PostDoc](#), Syracuse University (**Application Deadline 3/4/19**)

Grant, Award, and Scholarship Deadlines

- [Paleontological Society Outreach and Education Grant](#) deadline **March 2, 2019**
- 2018 Emerald/HETL Education [Outstanding Doctoral Research Award](#) deadline **March 1, 2019**
- Association for Women Geoscientists [Chrysalis Scholarship](#) deadline **March 31, 2018**
- Association for Women Geoscientists [Outstanding Educator Award](#) deadline **April 1, 2019**
- National Science Foundation *Improving Undergraduate STEM Education: Education and Human Resources* (Exploration and Design Tier for Engaged Student Learning & Institution and Community Transformation) Submission Window: October 01, 2018 - September 30, 2019

Submit to the GER Exchange

NAGT-GER provides monthly updates on professional opportunities, funding, articles of note, researcher profiles, and other content of interest to our membership. Please consider [contributing items](#) of interest for inclusion in future editions of the Exchange!

For questions, or to join the GER Communications Committee, contact Media Director [Emily Ward](#).





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This monthly email goes out to all GER Division members to share opportunities and ideas relevant to the community.

Our mailing address is:

NAGT Geoscience Education Research Division

NAGT, c/o Carleton College W-SERC

One North College Street

Northfield, MN 55057

[Add us to your address book](#)