

## Getting Started in GER: Designing an Effective Geoscience Education Research Protocol

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## ICE BREAKER

Go to the location designated for:

- Number of years teaching (0-2/3-6/7-12/13-20/>20)
- Type of institution/program (PhD/MS/BS/2YC/Other)
- Faculty type (discipline research focused/ed-research focused/teaching focused)

## SPEED INTRODUCTIONS

**Three things:**

1. Who you are
2. Where you are from
3. A potential research topic

## WORKSHOP GOALS

As a result of participation in this workshop, participants will be able to:

1. Write a testable hypothesis regarding some aspect of geoscience education
2. Generate a research question to explore in one of your classes
3. Outline some basic steps to investigate your research question
4. Describe how they would analyze your research findings.

## Consensograms Activity

1. How often do you share learning goals/objectives with your students?
2. How often do you use data to make decisions about your teaching practices?
3. How frequently do you discuss teaching practices and/or student learning processes colleagues?
4. How often do you attend presentations about research on teaching and learning in college courses?
5. The assessments I use in my course provide convincing data about student learning.
6. Showing evidence of improving teaching and/or student learning is important in my department.