

# FRIDAY INSTITUTE

online professional learning for educators



## Amplifying Statistics and Data Science in Classrooms

Our world is rich with data sources, and today's media is flooded with graphs and data that require data literate citizens. Technology makes data more accessible than ever before, and statistics and data science skills can help students be ready for data-intensive STEM careers. Many countries around the world have increased the emphasis on statistics and data science in school curriculum—from elementary grades through college.

This professional learning experience will help participants:

- Develop strategies for using an investigation cycle to teach statistics and data science
- Ignite students' interest in real world data investigations with technology
- Emphasize inferential reasoning through posing different types of investigative questions
- Earn up to 40 hours of CEUs

*Amplifying Statistics and Data Science in Classrooms* is organized into two modules. In both modules, there are opportunities to hear from experts, learn with colleagues to gain different perspectives on teaching and learning statistics and data science, and to build a library of resources to support your teaching.

**Visit [go.ncsu.edu/amplifystats](https://go.ncsu.edu/amplifystats) to learn more!**

*These professional learning modules are offered by Hollylynne Lee, Ph.D., and Gemma Mojica, Ph.D., through the [Hub for Innovation and Research in Statistics Education](#) at the Friday Institute.*