



# Professional Development Webinars

## Ramp Up Your STEM Data Collection With the New TI-SensorLink Adapter

Spring 2019

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# Moderator Bio



**Mike Houston**

**T<sup>3</sup> National Instructor**

**Ellwood City, PA**

Mike is in his fourteenth year of teaching high school mathematics in Ellwood City, PA. While participating in a TI-Navigator™ Fast-Track in 2007, he learned how technology can effectively cultivate students' wide range of learning styles. During this time, Mike has served as a T<sup>3</sup> National Instructor and a contributing author for MathForward™.

# Panelists' Bios



**Stacy Thibodeaux**

**T<sup>3</sup> National Instructor**

**Youngsville, LA**

Stacy holds Bachelors of Science in Biology and Chemistry and a Masters Degree in Educational Leadership from the University of Louisiana at Lafayette. She currently teaches at Southside High School in Youngsville, LA where she teaches all levels of Biology I. She uses TI Technology to assist her teaching, data collection, and modeling math concepts linking them to science content.



**Karlheinz Haas**

**T<sup>3</sup> Regional Instructor**

**Hobe Sound, FL**

Karl is a graduate of the Univ. of Heidelberg with masters degrees in physics and science education. After moving to Florida, he is now at The Pine School in Hobe Sound, FL, where he teaches AP\* and Honors level classes in physics and statistics. As a T<sup>3</sup> Regional Instructor, Karl has presented at conferences around the nation. He is especially proud of adding a newly designed STEM Lab course to The Pine School's program that integrates many STEM, Hub, and Rover activities.

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# Agenda

- Welcome & introductions
- Introduce the TI-SensorLink Adapter for use with TI-84 Plus CE and TI-Nspire™ CX graphing calculators
- Expand STEM project possibilities by connecting select Vernier sensors to the TI-Innovator™ Hub
- Webinar drawing

# Expected Outcomes:

- Explore how new TI technology can strengthen student understanding of scientific concepts
- Design simulations for sensor-driven applications
- Use TI-Nspire™ CX and TI-Innovator™ technology as a tool of inquiry
- Use activities that help students discover connections to real-world applications



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