



Professional Development Webinars

Classroom Strategies for End-of-Course Statistics Exam Success

Spring 2019

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Moderator Bio



Mike Houston

T³ 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 T³ National Instructor and a contributing author for MathForward™.

Panelists' Bios



Mike Koehler

T³ National Instructor

Kansas City, MO

Mike has been involved in the T³ program and a T³ National Instructor for over 25 years. Mike taught high school mathematics in the Kansas City area for 47 years. A consultant for the Midwest Region of the College Board*, Mike authored the one-day workshop, Developing Algebraic Thinking. Mike has instructed numerous workshops on integrating technology in the teaching of mathematics and instructs AP* Calculus Summer Institutes.



Tracy Watson

T³ National Instructor

Malvern, AR

Tracy has been teaching Geometry, AP* Statistics, and AP Computer Science Principles at Benton High School in Arkansas for the past 4 years. She was introduced to the graphing calculator as a teaching assistant in graduate school and hasn't turned back. As a T³ National Instructor, she enjoys sharing with teachers across the country the appropriate use of technology in the classroom.

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Agenda

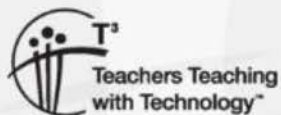
- Welcome & Introductions
- General Tips
- Type II Error and Sampling Distributions
 - AP* Free Response 2018 #6a, b, c, d
- Two-sample t-test for a difference between means
 - AP Free Response 2018 #4b
- One-sample z-interval for a population proportion p
 - AP Free Response 2017 #2a, b
- Chi-Square Test of Independence
 - AP Free Response 2017 #5
- Normal Distributions
 - AP Free Response 2017 #3

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Expected Outcomes:

- Technology tools involving normal distribution
- Statistical inference - Confidence intervals using technology
- Statistical inference – Hypothesis testing using technology

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Math Nspired Resource Center: Calculus

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presented to

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1
Number of Hours

March 8, 2011
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