



Professional Development Webinars

Statistics End-of-Year Exam Prep

Spring 2018
education.ti.com/tiwebinars

Moderator Bio



Mike Houston

**T³ National Instructor
Riverside High School
Ellwood City, PA**

Mike is in his thirteenth 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.



Chris True

T³ Regional Instructor

Lincoln, NE

Chris True has been teaching AP* Statistics and AP Calculus in Nebraska since 1998. He has served as an AP Statistics reader, table leader and a member of the rubric team for the past 14 years. Chris has served as the Director of Mathematics Programs for the National Math and Science Initiative. He currently teaches Calculus II and III at the University of Nebraska-Lincoln where he also serves as a coach and mentor to the graduate teaching assistants who are teaching Calculus I and II. @Chrstrue314

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TEXAS INSTRUMENTS

Agenda

- Welcome & introductions
- Prior AP* Statistics Free Response Questions
 - TI-Nspire™ Technology
 - Binomial and normal cdf
 - Discrete probability distributions and means
 - Confidence intervals
 - TI-84 Plus CE
 - Normal cdf with populations/random sample
 - Inverse normal, binomial cdf, normal cdf
 - Two-sample t-test

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 TEXAS INSTRUMENTS

Expected Outcomes

At the end of this session, you will:

- **Engage** in probability problems using technology
- **Use** technology tools involving normal distributions
- Statistical Inference – Confidence Intervals using technology
- Statistical Inference – Hypothesis Testing using technology

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Presented by: Todd Morstein and Tom Reardon. See archive at <http://education.ti.com/tiwebinars>

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Certificate Section: Math Nspired Resource Center: Calculus

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1
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Post-Webinar Follow-up

Find useful resources, answers to your questions & access to friendly, knowledgeable customer support and technical reps.

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Technical Questions: 972-917-8324
or ti-cares@ti.com



For a consultation on an upcoming purchase of TI Technology or professional development, please contact us at: ti-educators@ti.com

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