



# Professional Development Webinars

## Adventures in Coding and STEM in the Math Classroom

Fall 2018

[education.ti.com/tiwebinars](https://education.ti.com/tiwebinars)

# Moderator Bio



## Mike Houston

**T<sup>3</sup> National Instructor  
Riverside High School  
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



**Ellen Browne**

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

**Dallas, TX**

Ellen is a Texas Inst. National Instructor and lives at the Pomfret School in Pomfret, CT. After teaching music for 25 years, she switched over to teaching math in 2003 and then she added engineering in 2014. She has always been captivated by the possibilities of TI technology in both subjects. Ellen enjoys students, teaching, conducting TI workshops and is passionate about helping students and educators attain their goals. Ellen loves being a mom of three, a wife to an awesome calculus teacher, cooking, gardening, and being creative. @EllenSBrowne



**Brad Posnanski**

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

**Bayport, NY**

Brad is in his 23<sup>rd</sup> year of teaching at Comsewogue High School. He has been using TI technology in his classroom ever since he student taught. He is a firm believer that you never stop learning and that is evident in his pursuit of new and innovative challenges made possible through TI technology. Brad has presented at local, state, national and international conferences. Brad coaches three varsity sports and loves to sail in the Caribbean.

@POSitive\_MATH

# Agenda

- Welcome & introductions
- Logistics
- How to get started?
  - 10 minutes of code
- STEM activities:
  - Mood ring
  - Rover
  - Pet car alarm
- Engineering Design Process activities:
  - Automatic dispenser
  - Smart water

## Expected Outcomes:

- Highlight coding and STEM projects using the TI-Innovator™ Rover and TI-Innovator™ Hub with TI Launchpad™ Board
- Discuss challenges and lessons learned
- Share implementation strategies



International Conference



**Get students excited about learning math, science and STEM**

Extend your T<sup>3</sup>™ professional learning by attending the 2019 T<sup>3</sup>™ International Conference, March 8-10 in Baltimore, Maryland.

Learn more and register: [education.ti.com/t3ic](https://education.ti.com/t3ic)





Enter to win prizes from motivational classroom posters to TI technology - all sorts of things to help keep your classroom energized and students engaged.

Sign up for the contest at:  
[TIFreeCredit.com](http://TIFreeCredit.com)

## Upcoming Webinars & Survey



Register for upcoming webinars:

[education.ti.com/tiwebinars](http://education.ti.com/tiwebinars)

## Survey

After the webinar, a brief survey will automatically appear in your web browser. We greatly appreciate your feedback.



# Stay Connected with TI



[Facebook.com/TICalculators](https://www.facebook.com/TICalculators)



[Twitter.com/TICalculators](https://twitter.com/TICalculators)



[Instagram.com/TICalculators](https://www.instagram.com/TICalculators)



[Youtube.com/TICalculators](https://www.youtube.com/TICalculators)



[Pinterest.com/TICalculators](https://www.pinterest.com/TICalculators)



# Certificate of Attendance

- » To generate a Certificate of Attendance with your name and information about the webinar, go to <https://bit.ly/2yet91l>

The screenshot shows the Texas Instruments Education Technology website. The header includes the Texas Instruments logo and the text 'Your Passion. Our Technology. Student Success.™' and 'Education Technology'. The main heading is 'Generate Your Certificate · 获取证书 · Generar Certificado de Asistencia'. Below this, there is a section titled 'What's New and Tried & True with TI-Nspire™ Technology' which describes the features of the TI-Nspire technology and mentions that the certificate is presented by Todd Morstein and Tom Reardon. A red arrow points from the 'Go · 获取证书 · Ir' button to the certificate preview on the right.

TEXAS INSTRUMENTS  
Your Passion. Our Technology. Student Success.™

Education Technology

**Generate Your Certificate · 获取证书 · Generar Certificado de Asistencia**

**What's New and Tried & True with TI-Nspire™ Technology**

Learn about the newest features of TI-Nspire technology, and continue to explore tried and true features such as dynamic links across multiple representations, dynamic measurement, color and images. Learn how to create interactive, media-rich math and science content with the Publish/View™ feature of the Teacher and Student software.

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

(note: this form takes 90 seconds to generate your PDF certificate)

Your Name · 您的姓名 · Su Nombre:

**Go · 获取证书 · Ir**

PDF Certificate takes 90 seconds generation and will open in a new window or tab. You will need the free [Adobe Reader](#) to view and print your certificate.

PDF 证书生成需要大约90秒的时间生成。您需要安装免费的PDF阅读器Adobe Reader来浏览和打印证书。

La generación del archivo PDF, tardará 90 segundos y se abrirá en una nueva ventana o pestaña. Deberá tener la versión gratuita de Adobe Reader para ver e imprimir su certificado.

© Copyright 1995-2010 Texas Instruments Incorporated. All rights reserved. Trademarks | Privacy Policy | Link Policy



## Post-webinar Follow-up

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

General Questions:

**1-800-TI-CARES**

Technical Questions:

**972-917-8324**

[ti-cares@ti.com](mailto: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](mailto:ti-educators@ti.com)

**Thank you!**

**education.ti.com**