

APPLIED AND INDUSTRIAL MATHEMATICS INSTITUTE FOR SECONDARY TEACHING

4-DAY WORKSHOP

July 14-17, 2014

Teachers, are you ever asked:

What is this math good for?

When will we ever use this

stuff?



In this workshop, we will explore

- how the mathematics that you teach is used by STEM professionals,
- what are the career paths open to students well-trained in mathematics
- how the math that you teach forms the foundation for college success.

The workshop will feature

- Sessions in which **experienced professionals** discuss, in talks aimed at high school mathematics teachers, how they use high school mathematics in their professions.
- Sessions in which **young professionals** and students discuss their educational experiences, the nature and development of their young careers, and their uses of high school mathematics professionally.
- Sessions in which **college professors** discuss how high school mathematics forms bases for college courses,
- **Networking, brainstorming, and problem-solving!**

Speakers

John Goulet, WPI Dept. of Math. Sciences
Jon Abraham, WPI Dept. of Math. Sciences
Anthony Weekes, Carolinas Medical Center
Sarah Olson, WPI Dept. of Math. Sciences
Brigitte Servatius, WPI Dept. of Math. Sciences
Tamisha Thompson, Worcester Public Schools
Derek Kane, DEKA Research & Development
Kate Boulanger, Liberty Mutual Insurance
Seth Popinchalk, Mathworks
Felipe Polido & Warner, WPI Robotics Lab
Liz Dailey, Aon Hewitt
Dana Buckley, Toyota
Lou Nadeau, Eastern Research Group
Marcel Blais, WPI Dept. of Math. Sciences
William Martin, WPI Dept. of Math. Sciences
Cynthia Gray, Biogen Idec
Emmanuel Agu, WPI Dept. of Computer Science
Chris Rogers, Tufts University, Mech Eng.
CIMS REU Students

See workshop schedule [here](#).

- **Sponsored by**

The Toyota-RIT Applied Math Initiative & The Center for Industrial Mathematics and Statistics

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