



Professional Development in Mathematics, Statistics, and Modeling

www.cehs.ohio.edu/ATC

Advanced Teacher Capacity (ATC) is a professional development initiative for mathematics teachers in Grades 7–12. The ATC project is offering two programs for summer 2012, each with follow-up during the 2012–2013 school year:

QUANT

Quantifying Uncertainty and Analyzing Numerical Trends is a yearlong program that begins with a 2-week institute at the Metro High School in Columbus, 18–29 June 2012. QUANT is for residential and commuter participants. The content focuses on data analysis, probability, and statistics. Participants explore these concepts in-depth using TI-*nspire* handheld computers, TI-*nspire* software, and other tools for teaching and learning. Participants develop and implement plans to use rich activities in their classrooms. QUANT scholars receive **\$400 in stipends, \$400 worth of materials**, access to resources, food, plus housing for residential participants. Optional graduate credit is available at a reduced tuition rate.

Modspar

Modeling and Spatial Reasoning is a yearlong program that begins with a 2-week institute at the Metro High School in Columbus, 23 July–3 August 2012. Modspar is for residential and commuter participants. The content focuses on discrete and continuous modeling as well as geometric modeling and spatial reasoning. Participants explore these concepts in-depth using TI-*nspire* handheld computers, TI-*nspire* software, and other tools for teaching and learning. Participants develop and implement plans to use rich activities in their classrooms. Modspar scholars receive **\$400 in stipends, \$400 worth of materials**, access to resources, food, plus housing for residential participants. Optional graduate credit is available at a reduced tuition rate.

Here's what past ATC scholars have said:

"I loved hearing ideas from other teachers... about how they teach difficult concepts."

"I gained a greater depth of understanding of the material and a broader range of...examples from which to build."

"As a result of this institute, I used more technology in my classroom than I have ever used in the past."

"Helped me become a better teacher."

For questions and further information about the ATC program, QUANT, or Modspar, visit www.cehs.ohio.edu/atc or contact **Mary Harmison** at harmisom@ohio.edu.