

Archived Information

COMAP
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Solomon Garfunkel, Executive Director

Teacher Quality

The work of COMAP since its inception has been to create curriculum materials to enhance both student and teacher mathematical knowledge and understanding. We have done this through a series of projects (funded by both public and private foundations), producing journals, modules, texts, as well as video, streaming video and web-based courses. In particular, we have created modules for high school and middle school teachers, which demonstrate the teaching of mathematics through applications and mathematical modeling. We have produced a text for use as a methods course for pre-service middle and high school teachers, which features new approaches to both content and pedagogy. Through a current National Science Foundation project, CourseMap, we are in the process of creating 8 web-based courses for use in teacher development in-service courses at the elementary, middle, and high school levels.

Public engagement

We have produced three television courses for the Annenberg/CPB project. These telecourses were intended not only to serve as for credit distance education college offerings. They have put a human face on new developments in mathematics and visually demonstrate the importance of mathematics and mathematics education to analyze and solve important contemporary economic, social and technological problems.