

Conference Announcement

USING INQUIRY BASED LEARNING IN SECOND-YEAR CALCULUS AND COURSES FOR PROSPECTIVE TEACHERS

June 19–22, 2012

University of California, Santa Barbara
Santa Barbara, California

Organizers: Doug Moore and Bill Jacob, UCSB Mathematics Department

This workshop will provide participants with a broad exposure to the inquiry based learning (IBL) style of instruction, where students are guided to develop content themselves instead of passively listening to lectures. The workshop will include discussions of videos of actual IBL classes, role-playing sessions conducted by participants, in-depth sessions with experienced IBL instructors about particular courses, and the use of technology in IBL. In addition to attending plenary sessions, participants will participate in two of four possible working groups. The individual working groups will focus on courses for

- (1) pre-service elementary teachers,
- (2) pre-service secondary teachers,
- (3) linear algebra/differential equations and
- (4) multivariable calculus.

The organizers welcome participants who teach in four-year colleges and universities, community colleges, and graduate students. They will try to balance participant numbers according to their interests and institution type so early registration is advised.

The program is part of the 2012 MAA PREP Conference Series. For more information and to register go to <http://events.SignUp4.com/prep2012>

Registration Fee: \$225 (\$300 for registrations received after May 8, 2012).

Primary funding provided by NSF DUE- 0920786 and all hotel expenses will be covered as well as conference dinners. Limited travel support is also available and applicants should inform the organizers of their needs. Registration fees will be provided to a limited number of graduate student participants who do not have means to cover them.

Questions about the program that you cannot find on the website can be sent to Doug Moore, moore@math.ucsb.edu or Bill Jacob, jacob@math.ucsb.edu.