

2009 Inquiry-Based Learning Workshop



July 13-18 2009, Hyatt Regency Austin, Austin, TX

“The best way to teach is to make students ask, and do. Don’t preach facts - stimulate acts” - Paul R. Halmos



Mathematics faculty from the Associated Colleges of the South (ACS) are invited to attend the Inquiry-Based Learning Workshop and the 12th Annual Legacy of R. L. Moore Conference July 13-18 in Austin, TX. The workshop will be conducted July 13-16, leading into the

Legacy of R. L. Moore conference July 16-18. At the IBL Workshop, participants will learn about IBL, why it should be used, and how to implement it in an upper-level course.

Inquiry-Based Learning is a student-centered approach to teaching mathematics, where students solve problems, conjecture, experiment, and rigorously prove theorems without being given answers. Both instructor and students have different roles compared to traditional lectures. IBL focuses on what students do, which requires specialized teaching skills and techniques.

Professional Development: The Workshop is designed to provide new users with the tools, experience, materials, and support to successfully implement IBL. Participants will learn:

- The research basis supporting the use of IBL
- IBL classroom management techniques

- Effective ways to structure IBL courses
 - How to evaluate student thinking
 - Classroom techniques to address student learning issues
 - How to design IBL curricular materials
 - How to market IBL to colleagues and students
- During the following academic year, participants will be supported by a strong mentoring network of workshop staff, participants, and experienced IBL instructors.

Financial Support for Participants



Travel (airfare or mileage), hotel, and most meals (breakfast, snack, and lunch) will be provided to all participants.

The workshop and conference will be held July 13-18 at the Hyatt Regency Austin, in Austin, TX. To apply, download an application from the ACS website or email Stan Yoshinobu at stanyoshinobu@mac.com. The deadline to apply is March 31, 2009.

The IBL Workshop is funded by the Educational Advancement Foundation, and Harry Lucas, Jr., in partnership with the Associated Colleges of the South (ACS). www.discovery.utexas.edu/rlm