Visit the Legacy Exhibit Booth

- Learn how to join the **Academy of Inquiry-Based Learning** — the networking group of new and experienced IBL teachers offering support through mentoring, visiting speakers, and mini-grants. [www.inquirybasedlearning.org](http://www.inquirybasedlearning.org)

- Meet volunteer Project NExT fellows and Moore students.

- Pick up **free literature** (in print and CD) on the Moore Method, and on Guided Discovery and Inquiry Based Learning.

- View extracts from **Creativity in Mathematics**, the video recommended by Keith Devlin (*Devlin’s Angle*, February 2011). Produced by David Garrigus and available on YouTube.

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**Legacy of R.L. Moore Conference**
Washington DC, June 2011.
Co-sponsored by the Mathematical Association of America

The video record and program are available on the web at [www.legacyrlmoore.org](http://www.legacyrlmoore.org)

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The Educational Advancement Foundation
2303 Rio Grande Street • Austin, TX 78705
(512) 236-8211 • [www.eduadvance.org](http://www.eduadvance.org)

(See verso for talks of interest)
Among the Many Interesting Presentations on the Program, Some Relating Directly to Inquiry-Based Learning:

Wednesday January 4, 2012, 8:00 a.m.-10:50 a.m.
AMS Special Session on the Mathematics of Decisions, Elections, and Games, I
Exeter, 3rd Floor, Marriott
8:00 a.m.
The Separability Problem in Referendum Elections: Some Recent Developments.
Jonathan K. Hodge, Grand Valley State University

Wednesday January 4, 2012, 2:15 p.m.-5:50 p.m.
MAA Session on the Scholarship of Teaching and Learning in Collegiate Mathematics, II
Room 202, Hynes
3:35 p.m.
Using Inquiry Based Learning to Enhance Student Attitudes in Complex Analysis.
Edwin P Herman, University of Wisconsin-Stevens Point
4:15 p.m.
Collaborative peer review between two IBL number theory courses.
Dana C. Ernst, Plymouth State University
Angela Hodge, University of Nebraska at Omaha
Andrew Schultz, Wellesley College

Thursday January 5, 2012, 9:00 a.m.-11:15 a.m.
MAA Session on Preparing College Students for Calculus
Back Bay Ballroom C, 2nd Floor, Sheraton
11:00 a.m.
Preparing your calculus students: An inquiry-based algebra review.
Angie Hodge, University of Nebraska at Omaha

Thursday January 5, 2012, 1:00 p.m.-3:55 p.m.
MAA Session on Research on the Teaching and Learning of Undergraduate Mathematics, II
Room 202, Hynes
1:00 p.m.
Assessing Suitability of Grades and Course-Taking Patterns as Measures of Long-term Student Outcomes following Inquiry-Based Learning Experiences.
Marina Kogan, University of Colorado, Boulder
Sandra Laursen, University of Colorado, Boulder

Thursday January 5, 2012, 1:00 p.m.-3:35 p.m.
MAA Session on the Mathematics of Sudoku and Other Pencil Puzzles, II
Room 312, Hynes
2:20 p.m.
Radon-Kaczmarz Puzzles: CAT Scans Meet Sudoku.
Julian F Fleron, Westfield State University
Volker Ecke, Westfield State University
Christine von Renesse, Westfield State University
Philip K Hotchkiss, Westfield State University

Thursday January 5, 2012, 2:00 p.m.-4:00 p.m.
MAA Poster Session on Projects Supported by the NSF Division of Undergraduate Education
Veteran's Auditorium, 2nd floor, Hynes
Research, Dissemination, and Faculty Development of Inquiry-Based Learning (IBL) Methods in the Teaching and Learning of Mathematics.
Ralf Spatzier, University of Michigan

Thursday January 5, 2012, 9:00 a.m.-11:15 a.m.
MAA Poster Session on Projects Supported by the NSF Division of Undergraduate Education
Veteran's Auditorium, 2nd floor, Hynes

Thursday January 5, 2012, 1:00 p.m.-3:35 p.m.
MAA Session on the Scholarship of Teaching and Learning in Collegiate Mathematics, II
Room 202, Hynes

Friday January 6, 2012, 8:00 a.m.-10:55 a.m.
MAA General Contributed Paper Session: Teaching Mathematics Beyond the Calculus Sequence
Room 201, Hynes
8:45 a.m.
Scaffolding for Inquiry Instruction in Mathematics.
Mark L. Daniels, UTeach Program Natural Sciences/University of Texas at Austin
9:00 a.m.
An inquiry-based, writing intensive introduction to proofs course.
Carl Mummert, Marshall University

Saturday January 7, 2012, 8:00 a.m.-10:55 a.m.
MAA Session on the Mathematical Preparation of Teachers: The Impact of the Common Core State Standards Initiative, I
Room 310, Hynes
10:00 a.m.
Inquiry-Based Courses at UAB for Prospective Elementary and Middle School Teachers Modeling the Standards for Mathematical Practice.
Tommy Smith, University of Alabama at Birmingham
John C Mayer, University of Alabama at Birmingham
Donna Ware, University of Alabama at Birmingham

(See overleaf for more.)