



# R.L. MOORE THE LEGACY OF



**Visit the Legacy booth  
(near the MAA):**

- 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.
- Meet IBL geometry text author David Clark (SUNY–New Paltz) to learn about IBL instruction through a mentor in the context of teaching geometry.



Discussion groups at the annual  
**Legacy of R.L. Moore Conference**

Austin, June 2010.

Videos of the conference presentations  
are available on the web at  
[www.legacyrlmoore.org/](http://www.legacyrlmoore.org/)

The Educational Advancement Foundation  
2303 Rio Grande Street • Austin, TX 78705  
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## Some Presentations on Inquiry-Based Learning During the New Orleans Meeting

### Thursday January 6, 8:00 a.m.-10:55 a.m.

MAA General Contributed Paper Session, I  
St. Claude, 3rd Floor, JW Marriott  
10:00 a.m.

*Comparison of Student Performance between Inquiry Based Learning and Lecture Methods when Teaching Induction.*

**Michael S. Gagliardo\***, Jacksonville University

### Thursday January 6, 2011, 2:15 p.m.-5:10 p.m.

MAA Session on the Scholarship of Teaching and Learning in Collegiate Mathematics, II  
Rhythms I, 2nd Floor, Sheraton  
2:55 p.m.

*Effects of a Modified Moore Method on Performance, Attitudes and Efficacy in Precalculus.*

**Brad Bailey\***, North Georgia College & State University

### Friday January 7, 2011, 8:00 a.m.-10:55 a.m.

MAA Session on Modeling in the ODE Driver's Seat  
Grand Couteau Room, 5th Floor, Sheraton  
10:40 a.m.

*A Week in the Life of an Inquiry-Based ODEs Course.*

**Elizabeth Thoren\***, University of California, Santa Barbara

### Friday January 7, 2011, 1:00 p.m.-3:15 p.m.

MAA Session on Effective Teaching of Upper Level Mathematics to Secondary Education Mathematics Majors, I  
Grand Couteau Room, 5th Floor, Sheraton  
1:00 p.m.

*The Impact of the Moore Method on Secondary Mathematics Education Majors.*

**Joy Moore\***, Xavier University

### Friday January 7, 2011, 1:00 p.m.-4:15 p.m.

SIGMAA RUME Session on Research on the Teaching and Learning of Undergraduate Mathematics, II  
St. Jerome, 3rd Floor, JW Marriott  
1:00 p.m.

*Blending Inquiry-Based Learning and Computer-Assisted Instruction in Algebra.*

**John C Mayer\***, University of Alabama at Birmingham

**William O. Bond**, University of Alabama at Birmingham

### Friday January 7, 2011, 1:00 p.m.-3:55 p.m.

MAA General Contributed Paper Session, VI  
St. Claude, 3rd Floor, JW Marriott  
1:45 p.m.

*Teaching a first semester Calculus class entirely through Inquiry Based Learning.*

**David Crombecque\***, Gettysburg College

### Friday January 7, 2011, 2:00 p.m.-4:00 p.m.

MAA Poster Session on Projects Supported by the NSF  
Division of Undergraduate Education  
Napoleon A1-A3, 3rd Floor, Sheraton  
2:00 p.m.

*Research, Dissemination, and Faculty Development of Inquiry-Based Learning (IBL) Methods in the Teaching and Learning of Mathematics.*

**Michael Starbird\***, The University of Texas at Austin

**Paul J. Sally**, University of Chicago

**John Boller**, University of Chicago

**Ralf Spatzier**, University of Michigan

**Sandra Laursen**, University of Colorado at Boulder

**John D. Moore**, University of California, Santa Barbara

**William B. Jacob**, University of California, Santa Barbara

### Saturday January 8, 2011, 1:00 p.m.-5:35 p.m.

MAA Session on Developmental Mathematics Education: Helping Under-Prepared Students Transition to College-Level Mathematics

St. Jerome, 3rd Floor, JW Marriott

4:20 p.m.

*Can Inquiry-Based Learning Augment Computer-Assisted Instruction in Developmental Algebra?*

**William O. Bond\***, University of Alabama at Birmingham

**John C. Mayer**, University of Alabama at Birmingham

### Saturday January 8, 2011, 2:35 p.m.-3:55 p.m.

MAA Panel Discussion

*Inquiry-proof instructional techniques.*

La Galerie 6, 2nd Floor, Marriott

Panelists:

**Keith Conrad**, University of Connecticut

**Ken Ono**, University of Wisconsin

**David Pengelley**, New Mexico State University

**Margaret Robinson**, Mount Holyoke College

**Brad Shelton**, University of Oregon

**Michael Starbird**, University of Texas

### Sunday January 9, 2011, 1:00 p.m.-6:00 p.m.

MAA Session on Humanistic Mathematics, II  
Mardi Gras BC, 3rd Floor, Marriott

2:00 p.m.

*Student Inquiry into the Limits of Knowledge - Removing Barriers in Mathematics for Liberal Arts.*

**Philip K Hotchkiss\***, Westfield State University

**Julian F Fleron**, Westfield State College

**Volker Ecke**, Westfield State College

**Christine von Renesse**, Westfield State College