

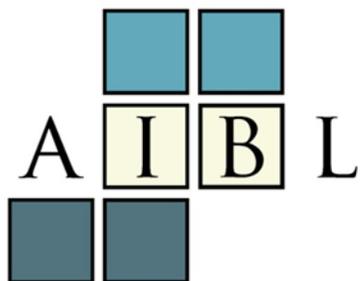
Educational  
Advancement  
Foundation



*Fifteenth Annual*  
*Legacy of R.L. Moore Conference*  
June 14-16, 2012, Austin, Texas

**Program Committee**

Jacqueline Jensen–Vallin (Co-Chair)   Ron Taylor (Co-Chair)   Gavin LaRose  
Stan Yoshinobu   Tom Ingram   David Clark  
Mike Starbird   Carol Schumacher   Brian Katz



Academy of Inquiry-Based  
Learning

Journal of Inquiry-Based  
Learning in Mathematics

Thursday, June 14

Omni C–F

10:00–1pm Registration Begins

1:00 –1:15 Welcome & Overview  
MC: Carol Schumacher, Kenyon College

MC: E. Lee May, Salisbury University

1:15–1:45 Lee Mahavier–Peterman, Goose Creek Consolidated ISD  
*Moore Method for the Masses: Illustrations of Success with Public School 9th Graders*

1:50–2:30 Patrick Bahls, University of North Carolina - Asheville  
*Asking the Right Questions: Authentic Inquiry in Research and Education*

2:35–3:30 CUPM Panel - Moderators and Organizers: Carol Schumacher and Michael Starbird  
Panelists: Martha Siegel, Towson University, Chair of CUPM  
David Bressoud, Macalester College  
Michael Pearson, MAA  
Beth Borroughs, Montana State University

3:30–3:45 Break for Refreshments (The Oaks)

3:45–4:30 New Users Panel–Geometry - Moderator and Organizer: David Clark, SUNY New Paltz  
Panelists: Judith Covington, Louisiana State University Shreveport  
Todd Grundmeier, California Polytechnic Institute  
Gary Richter, Southwestern University  
Keith Voss, The Lawrenceville School

Breakout Sessions

Time	Omni C–F (Misc.)	Conference Center (Calculus/Analysis)	Omni A&B (Math Ed.)	Southpark A&B (Misc.)
4:45–5:00	Violeta Vasilevska <i>Active Learning Strategies</i>	Brandy Comer, Chris Sams, and Kimberly Wesberry <i>The Moore Method Apprenticeship Program at Lamar University</i>	Kelly Bupp, Greg Foley, Michael Smith <i>Connections between Mathematics Education Research and R. L. Moore’s Legacy</i>	William Donnell <i>Slip and Slide Method of Factoring Trinomials with Integer Coefficients over the Integers</i>
5:05–5:20	Banning Lary <i>Distance Learning: IBL thrives in the Online Pedagogical Environment</i>	(Cont.) Brandy Comer <i>The Moore Method Apprenticeship Program at Lamar University</i>	Vilma Mesa and Tim Whittemore <i>Concerns About Teaching Mathematics with IBL Methods</i>	Elwood Parker <i>“IBL...without a Mathematician in Sight”</i>
5:25–5:40	Ryan Dunning <i>Preliminary Evaluation of an IBL Introduction to Proof Course for Humanities Majors</i>	Dana Ernst <i>Effective and Efficient Grading for an IBL Course</i>	Brian Katz <i>Higher-Order Tasks in an IBL Course</i>	John Mayer, William Bond, and David Cospér <i>Euclidean Geometry Rediscovered</i>

5:40–6:00 Free Time

6:00–7:00 Reception – Cash Bar

7:00–9:00 Dinner and Banquet Speaker (Omni C–F)

Jonathan Hodge, Grand Valley State University  
*Inquiry, Authority, and Democracy*

Friday, June 15

Omni C–F

7:30–8:30 Continental Breakfast (The Oaks)

**MC: Judith Covington, Louisiana State University Shreveport**

8:30–9:00 Diana White, University of Colorado Denver  
*Math Teachers’ Circles: Inquiry-Based Learning for Practicing Teachers*

9:05–9:35 James Epperson, University of Texas - Arlington  
*The Role of Inquiry-Based Learning and Metacognition in Emerging Scholars Programs*

9:35–10:05 **Break (The Oaks)**

10:05–10:45 **Five Minute Talks, Session I**  
Including a discussion of available resources with:  
Stan Yoshinobu & Mark Stankus–AIBL & Visiting Speakers’ Bureau  
Ted Mahavier–JIBLM & MathNerds

10:50–11:20 Karen Rhea, University of Michigan  
*IBL-y Calculus*

11:25–11:55 Jill Guerra, University of Arkansas–Fort Smith  
Catherine Beneteau, University of South Florida Tampa  
*POGIL - Not Your “Everyday” Group Work*

12:00–1:00 **Lunch (Omni C–F)**

**MC: Angie Hodge, University of Northeast Omaha**

1:00–1:45 Experienced User Panel: Dealing with Challenges of IBL - Moderator and Organizer: Stan Yoshinobu  
**Panelists:** David Clark, SUNY—New Paltz  
Brian Katz, Augustana College  
E. Lee May, Salisbury University  
Carol Schumacher, Kenyon College

1:55–3:00 **Five Minute Talks, Session II**

3:00–3:30 **Break (The Oaks)**

3:30–4:00 David Bressoud, Macalester College  
*Characteristics of Successful Programs in College Calculus: Preliminary Findings*

**Breakout Sessions**

Time	Omni (C–F) Roundtable A&B	Conference Center (Calculus/Analysis)	Omni A&B (Proofs)	Southpark A&B (Math Teachers’ Circle)
4:10–4:25	Roundtable A	Brie Finegold <i>Teaching Undergraduate Topology with the Moore Method</i>	Rachel Schwell and Roger Vogeler <i>Modified Moore Method in Discrete Math</i>	Math Teachers’ Circle Demonstration: <i>Games and Symmetry</i>
4:30–4:45	(cont.)	Scott Beaver <i>Reflections on a Self-Paced Complex Analysis Course</i>	Dylan Retsek <i>Chop Wood, Carry Water, Use Definitions</i>	(Cont.)
4:50–5:05	Roundtable B	Krystyna Kuperberg <i>From Insight to Proof</i>	Susan Crook <i>How Important is the Final Answer? Using IBL in an Introductory Proofs Course</i>	(Cont.)
5:10–5:25	(cont.)	Joyati Debnath <i>Measure Theory for Undergraduates via IBL Method</i>	Annie and John Selden <i>Mathematical and Non-Mathematical University Students’ Proving Difficulties</i>	(Cont.)

**Free Evening**

**Saturday, June 16**  
**Omni C–F**

**MC: E. Lee May**

**7:30–8:30 Buffet Breakfast (The Oaks)**

8:30–9:00 Sandra Laursen, University of Colorado Boulder  
*Navigating the Straits: Critical Teaching Decisions in IBL Instruction*

9:00–10:00 Ron Douglas, Texas A&M University  
IBL Centers Update

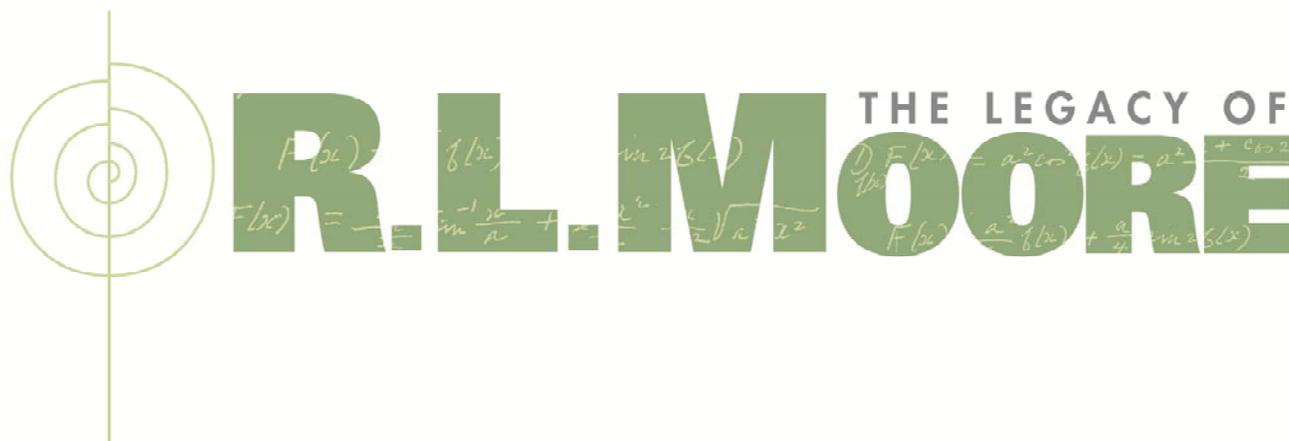
**10:00–10:30 Break (The Oaks)**

**10:35–11:15 Five-Minute Talks, Session III**

11:15–11:45 Panel: Using IBL in service courses  
Organizer: Jacqueline Jensen–Vallin  
Moderator: E. Lee May  
Panelists: Michael Starbird, University of Texas at Austin  
Elwood Parker, Guilford College  
Christine von Reneese, Westfield State University

**11:45–12:00 Concluding Remarks**  
**Stan Yoshinobu–Cal Poly San Luis Obispo**

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