The Educational Advancement Foundation

presents

The 10th Annual Legacy of R.L. Moore Conference
April 12–14, 2007

Program Committee Co-Chairs
Lee May  Robert Eslinger  Walker White

The home of the Educational Advancement Foundation is in the house that R.L. Moore lived in from 1920 to 1974 in the West Campus neighborhood of the University of Texas at Austin. Now a City of Austin Landmark, the building was originally located a block away on West 23rd Street and moved in 2000 to its present site, pictured here, in order to rescue it from demolition.
All meetings are in the Rio Grande Room unless otherwise noted.

Thursday, 12 April

11:00  Registration Begins

MC: Lee May, Salisbury University

1:00—1:30  William "Bill" Mahavier, Emory University
How to Teach a Moore Method Introduction-to-Proof Course in Analysis with No Epsilons or Deltas

1:30—2:30  *Tina Straley, Executive Director, Mathematical Association of America
The Year of Euler
*Lawrence Fearneyhough, Brigham Young University
An R.L. Moore Treatment of Analysis
*Nell Kroeger*, Independent Consultant
Judy Kennedy, University of Delaware
Empowering Women and Minorities through IBL
*Five-Minute Reports, I

2:30—3:00  Break for Refreshments (Brazos I & II)

3:00—4:20  Contributed Presentations (See abstracts booklet)

<table>
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<tr>
<th>Rio Grande</th>
<th>Brazos III</th>
<th>Guadalupe</th>
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| 3:00—3:20  | Dante A. Tawfeeq
Hampstead’s Mathematical Inquiry | Michel Smith
The Moore Method and High School Teachers | Casey Dalton
Assessments That Improve Proof Writing | Jonathon Hodge
A Moore-Inspired Advanced Calculus Course at Grand Valley State University |
| 3:20—3:40  | Laurie Cavey
The MathNerds Mentoring Network Assessment Team | Edgar Paiker
Moore Method in an Interdisciplinary Freshman Seminar | John R. Jungck
A Highly Interactive Biologically Oriented Finite Mathematics | Cornelius Stallmann
Five Years of Moore Method Calculus at Augusta State University |
| 3:40—4:00  | Susie W. Hakansson
Implications of Inquiry-Based Learning Workshop | Alfredo Jimenez
What Is Mathematics as a Language and a Model of Inquiry and Reasoning, and Analytic Geometry | Harvard University
IBL Project Report
Bret Benesh
Matthew Leingang
Thomas Judson | Glenn Hurlbert
Discovering Linear Optimization |
| 4:00—4:20  | M. Dee Medley
Modified Moore Method for Introductory Computer Science | Gregory D. Foley
Advanced Quantitative Reasoning | 1) IBL Courses for Teachers
2) Using Japanese Lesson Study to Advance IBL in the Middle and High School Classroom | William Donnell
Discovering Distinguishability Tests |
| 4:30—5:00  | W. Ted Mahavier
Laurie O. Cavey
Wendy R. Woodland
Mathematics Mentoring Networks | Michael Sturbird
IBL Project Report,
University of Texas at Austin | Bill Jacob
IBL Project Report, University of California—Santa Barbara |

6:00—7:00  Reception — Cash Bar (Brazos III)

7:00—9:00  Dinner (Rio Grande)
Jeanne Namn, Project Kaleidoscope (PKAL)
Questions, Observations, and Predictions: Considering the Past, Present and Future of Inquiry-Learning in STEM Fields
Friday, 13 April

MC: Morning, Lee May; Afternoon, Robert "Bob" Eslinger, Hendrix College

7:30—8:30  Continental Breakfast (Brazos I & II)

8:30—9:15  Elwood Parker, Guilford College
Rudy Gordh, Guilford, College
The Guilford Environment

9:15—10:00  Stan Yoshinobu, California State University—Dominquez Hills
The Summer 2006 Inquiry-Based Learning Workshop

10:00—10:30  Break for Refreshments

10:30—11:00  David M. Clark*, State University of New York—New Paltz
W. Ted Mahavier, Lamar University
The Online Journal of Inquiry-Based Learning in Mathematics,
MathNerd, etc.

11:00—11:10  Reflections on Ten Years of the Legacy of R.L. Moore Project
Albert Lewis and Harry Lucas, Jr.

11:10—11:45  Five-Minute Reports, II

11:45—1:00  Lunch (Rio Grande)
Peter Bruns, Howard Hughes Medical Institute
Bio 2016: IBL Early and Often

1:00—1:30  John W. Neuberger, University of North Texas
Implementing the Moore Method at the Graduate Level

1:30—2:00  Jay Malone, History of Science Society
Practical Suggestions on Administration in the Academic World

2:00—2:30  Break for Refreshments

2:30—3:00  James A. Davis, University of Richmond
LURLeing Students into Mathematics at the University of Richmond

3:00—3:45  Max Warshauer, Texas State University
Terry McCabe, Texas State University
& Past and Present Mathworks Students: Cody Patterson,
David Price, Stephanie Chan, and Karen Vasquez
Mathworks

3:45—5:00  Five-Minute Reports, III

6:00—7:00  Cash Bar (Brazos III)

7:00—9:00  Buffet Supper (Rio Grande)
Carol Schumacher, Kenyon College
Building Bridges

The statement that $f$ is a simple surface means that $f$ is a collection, each element of which is an ordered pair
$(P, \xi)$, whose first or left most member $P$ is a point and whose second or right-most member $\xi$ is a number,
such that no two ordered pairs in $f$ have the same first member." H. S. Wall, Creative Mathematics (1963; reprinted by EAP 2006).
Saturday, 14 April

MC: Lee May

7:30—8:30  Continental Breakfast

8:30—10:00  The Five IBL Projects:
 Ronald Douglas, Texas A&M University
 Harvard University
 University of California, Santa Barbara
 University of Chicago
 University of Michigan
 University of Texas at Austin

10:00—10:30  Break for Refreshments

10:30—11:45  Five-Minute Reports, IV

11:45—12:00  Concluding Remarks

Optional Workshop (Rio Grande)
12:00—1:30  Box Lunches for Workshop participants

1:30—3:00  Edward "Ed" Burger, Williams College
 *How NOT to Teach an Introduction-to-Proof Discrete Math Course—*
 *A Practical Introduction to IBL*

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_The Educational Advancement Foundation_

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