INVITED MATHEMATICS RESEARCH LECTURES:


5. Understanding the Thurston Model of Hyperbolic Space, Fall meeting of the Ohio Section of the MAA (dinner talk), October 2006.

6. Averaging, Discrete Means, Coalition Building, and a Paradox of Social Choice, Fall meeting of the Ohio Section of the MAA (main address), October 2006.

7. A Paradoxical Coloring of Escher’s Angels and Devils, California State University - Long Beach, Mathematics Colloquium, November 2004.


11. 1/19th of a generating function, MAA - Ohio Section meeting, April, 2002.


16. Lights Out!, Fall Meeting, Ohio Section of the MAA, October, 1999.


22. Exponentiation of Infinite Dimensional Lie Algebras – University of Toledo, June, 1996.


27. Special Imaginary Roots of Kac-Moody Lie Algebras – Bowling Green State University, March 1993.


INVITED LECTURES
MATHEMATICS EDUCATION
and
SCHOLARSHIP OF TEACHING AND LEARNING

1. Transfer and the Role of Community, Carnegie Colloquium for the Scholarship of Teaching and Learning, Madison, WI, April, 2006.


4. Panelist, Listening to student voices, Carnegie Colloquium on the Scholarship of Teaching and Learning, Atlanta, March 2005.


15. Student Learning in a Mathematics Capstone Class for Future Teachers, Oxford College of Emory University, Conference on the Scholarship of Teaching and Learning, November 2002.

16. My Course Portfolio: A window on student learning and an entrance to further study, Disciplinary Styles in the Scholarship of Teaching and Learning, Rockhurst, KS, April 2002.


19. What is the Scholarship of Teaching and Learning, Conference on New Directions in the Scholarship of Teaching and Learning, Bowling Green State University, Nov. 2001.

20. The effects of semester long research projects on a mathematics capstone class, Michigan State University, Mathematics Education seminar, March 2001.


23. The Many Discourses of the Scholarship of Teaching and Learning, Michigan State University, November 2000.

INVITED STUDENT (COLLEGIATE) PRESENTATIONS

1. Mathematical Pi(e), Grand Valley State College, Grand Valley, MI, October 1999, KME initiation talk.

2. Lights Out!, Xavier University, Cincinnati, OH, September, 1999.

3. Lights Out!, John Carroll University, Cleveland, OH, April, 1999.

INVITED SCHOOL PRESENTATIONS


OTHER INVITED PRESENTATIONS


2. Panelist for Project NExT panel discussion on professional development, Joint Mathematics Meeting, 1998.


