INVITED MATHEMATICS RESEARCH LECTURES:


4. 1/19th of a generating function, MAA - Ohio Section meeting, April, 2002.


7. A Paradoxical Coloring of Escher’s Angels and Devils, Kansas State University, Mathematics Departmental Colloquium, March 2000.


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


17. Exponentiation of Infinite Dimensional Lie Algebras – University of Michigan (Group Theory and Lie Theory Seminar), April, 1996.


1. What types of questions promote deep learning and how might we find out? Carnegie Colloquium on the Scholarship of Teaching and Learning, San Diego, April 2004, (panelist and organizer).


5. 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.

6. 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.


9. 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.

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


13. 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

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