

The Kansas Section of the
Mathematical Association of
America

Friday, March 31, 2000 and
Saturday, April 1, 2000

Baker University
Baldwin City, Kansas

Directions to Baldwin City:

From Lawrence

The Kansas turnpike, Interstate 70, exits onto Iowa Street which is also Highway 59 at the West Lawrence exit. Take Highway 59 south to Highway 56. Turn left, east, on Highway 56. Baldwin City is on Highway 56.

Avoiding Lawrence

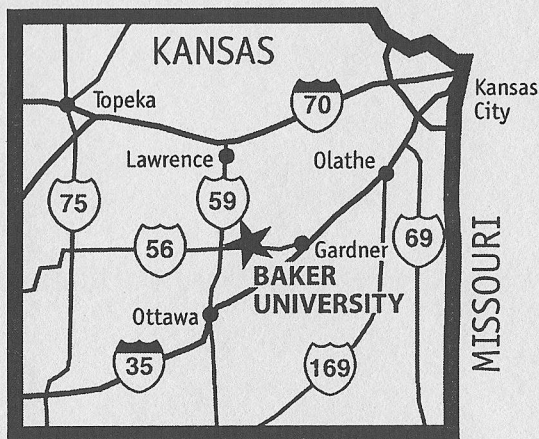
If you are traveling from the west on the turnpike and wish to avoid going through Lawrence, you can take the Lecompton exit. The bypass will take you south and then east around Lawrence. It ends on Highway 59. Turn right, south, on Highway 59. Take Highway 59 south to Highway 56. Turn left, east, on Highway 56. Baldwin City is on Highway 56.

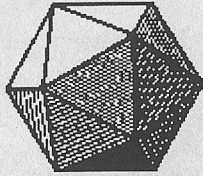
From the Northeast

Exit Interstate 35 onto Highway 56 at Gardner. Travel west on Highway 56 to Baldwin City.

From the South

Exit Interstate 35 onto Highway 59 at Ottawa. Travel north on Highway 59 to Highway 56. Turn right, east, on Highway 56. Baldwin City is on Highway 56.





**The Kansas Section
of the
Mathematical Association of America**

**Baker University,
Baldwin City, Kansas**

March 31 and April 1, 2000

Mabee Memorial Hall

Friday

7:00 p.m. Registration, Mabee

7:30 p.m. **Keynote Address, Mabee 100**
Joseph Gallian, University of Minnesota, Duluth
Mathematical Association of America's
1999-2000 George Polya Lecturer
Breaking Drivers' License Codes

8:30 p.m. Reception, Collins House

Saturday

7:45 a.m. Breakfast for Departmental Representatives,
Private Dining Room, Harter Union

8:30 a.m. Registration, Mabee

9:00 a.m.

- ◆ **Session on using technology in teaching Mathematics, Mabee 100**
 - ❖ Reza Sarhangi, Southwestern College,
Mathematics and New Technology
 - ❖ Andrew Bennett, Kansas State University,
Online Homework – A preliminary report
- ◆ **General Interest Talks, Mabee 101**
 - ❖ Ton Boerkel, Emporia State University,
Approximations by Algebraic Numbers of Bounded Degree
 - ❖ Cynthia Woodburn, Pittsburg State University,
An Application of Computational Commutative Algebra to Signal Processing
- ◆ **General Interest Talk, Mabee 102**
 - ❖ Judy Roitman, University of Kansas, and
David Surowski, Kansas State University,
Is a mathematics graduate degree good for anything?

10:00 a.m. Break

10:30 a.m.

- ◆ **Panel discussion on new NCTM Standards, Mabee 100**

Andy Bennett, Kansas State University
Kim Gattis, Mathematics Education Program Consultant,
Kansas State Department of Education
Judy Roitman, University of Kansas
Connie Shrock, Emporia State University
- ◆ **General Interest Talks, Mabee 101**
 - ❖ Prem Baja, Wichita State University,
Some useful but little known methods for obtaining partial fractions of a rational function
 - ❖ Gary McGrath, Pittsburg State University,
Lagrange's Treatise on the Solution of Numerical Equations
 - ❖ Nora Strasser, Friends University,
Web Assisted Numerical Methods
- ◆ **Undergraduate Student Talks, Mabee 102**
 - ❖ Ashley Helfrich, Southwestern College,
Hyperbolic Geometry
 - ❖ Maryam Sarhangi, Southwestern College,
Golden Section
 - ❖ Simon Luhur and Jeremy Moyer, Southwestern College,
Computer Aided Art in Three Dimensions

11:45 a.m. **Lunch**
Joseph Gallian, University of Minnesota, Duluth
Mathematical Association of America's 1999-2000 George Polya Lecturer
Touring a Torus

1:30 p.m.

- ◆ **General Interest Talk, Mabee 100**
 - ❖ Bobby Neal Winters, Pittsburg State University,
The Java Jive

- ◆ **General Interest Talks, Mabee 101**
 - ❖ Jean Johnson and Merrie Skaggs, Baker University,
Project NOVA – Grants to support course development for preservice teachers
 - ❖ Ervin Eltze, Fort Hays State University,
NOVA Grant and the Resulting Changes in College Algebra

- ◆ **Undergraduate Student Talks, Mabee 102**
 - ❖ Carrie A. Denton, Pittsburg State University,
Math – It's a Beautiful Thing: A Look at Symmetry in Nature
 - ❖ Phillip Parrish, Scott Rieger, and Eric Moon, Baker University,
Scheduling Tasks on Two Construction Projects

2:30 p.m.

- ◆ **General Interest Talk, Mabee 100**

Warren Esty, Montana State University,
"The Language of Mathematics" - a language you should teach

- ◆ **General Interest Talks, Mabee 101**
 - ❖ Bob Fraga, Baker University,
Using the TI-92 to promote communication in calculus
 - ❖ John R. McNamee, Kansas Wesleyan University,
An Internet-based Mathematics Competition

- ◆ **Graduate Student Talks, Mabee 102**
 - ❖ Mozzafar Khan, Wichita State University,
The Derivative Operator Method: A better alternative for solving non-homogeneous linear differential equations
 - ❖ Peter Zimmer, University of Kansas,
The GK-12 Fellowship. Graduate students at Wyandotte High School

3:30 p.m.

- ◆ **MAA Business Meeting, Mabee 100**
- ◆ **KAMATYC Business Meeting, Mabee 101**

Abstracts for talks can be found at:
<http://www.bakeru.edu/html/faculty/jjohnson1/maa.htm>

Lodging

There are no motels in Baldwin City. A block of rooms has been reserved at the Best Western Hallmark Inn, 730 Iowa, Lawrence, KS. The conference rate is \$55, but the rooms will only be held until **March 8, 2000**. You may reserve one of these rooms by calling (785) 841-6500.

Restaurants

Baldwin City has a number of fast food restaurants. We suggest that you have dinner Friday night at a restaurant in Lawrence.

The drive from Lawrence to Baldwin City is approximately one half hour.

For information about the meeting, please contact:

Jean Johnson

(785) 594 - 8384, or

(785) 594 - 8419, or

johnson@harvey.bakeru.edu.

Directions to Mabee Memorial Hall

From Highway 56, turn south onto Sixth street. Park in the parking lot on the corner of Fremont and Sixth Street. The meeting is across sixth street in Mabee Memorial Hall. You may enter through the doors facing sixth street.

