KANSAS STATE UNIVERSITY
FRIENDS OF MATHEMATICS
AWARDS BANQUET

April 26, 2005

'K - S' Rooms
K-State Student Union

FRIENDS OF MATHEMATICS AWARDS BANQUET

Professor Gabriel Nagy
Department of Mathematics
Master of Ceremonies

DISTINGUISHED ALUMNA ADDRESS
"Back When I Was In School ..."

Judith Penna Henn
Addison-Wesley Publishing Company
Class of 1967

PRESENTATION OF AWARDS

Undergraduate Awards

Friends of Mathematics Outstanding Senior Award presented by Professor Nagy to Julia Galstad.

Barry Goldwater Scholarship presented by Dean White to Michael Higgins.

Leonard E. Fuller Scholarship presented by Dean White to Amir Bahadori and Matthew Burkemper.

Thomas L. and Elouise J. Miller Scholarship presented by Dean White to Asma Al-Rawi.

S. Thomas Parker Memorial Scholarship presented by Dean White to Daniel Wright.

Karl Stromberg Memorial Scholarship presented by Dean White to Jeffrey Amos.

William Lowell Putnam Mathematical Competition Awards presented by Professor Muenzenberger.

Fung's Achievement Award presented by Professor Fung.

Mathematical Contest in Modeling Awards presented by Professors Auckly and Korten.

S. Thomas Parker Mathematical Competition Awards presented by Professor Lin.

Kansas Collegiate Mathematics Awards presented by Professor Ryabogin.

Graduate Awards

Hostinsky Outstanding Graduate Teaching Assistant in Academics Award presented by Professor Poggi-Corradini to Brian Pasko.

Stromberg Outstanding Graduate Teaching Assistant in Teaching Award presented by Professor Nagy to Yiqiang Li.

Presidential Award for Excellence in Undergraduate Teaching presented by Dean White to Xin Tang.

Faculty Awards

Outstanding Graduate Faculty Teaching Award presented by Dmytro Shklyarov.

Manhattan Mathematical Olympiad Awards presented by Professor Soibelman.

American Mathematics Competitions Awards presented by Professor Muenzenberger.

KEYNOTE ADDRESS
Tomasz Mrowka
MIT
"Knots and DNA"

KANSAS COLLEGIATE MATHEMATICS COMPETITION

1st place team: Jeffrey Amos Matthew Burkemper Michael Higgins
1st place: Matthew Burkemper
2nd place: Jeffrey Amos

FRIENDS OF MATHEMATICS OUTSTANDING SENIORS

		1999	Christopher Shane	1990	Brenda Grey
2005	Julia Galstad	1998	John Carpenter	1989	James Hu
2004	Mark Norfleet	1997	Jeremiah Goertz	1988	James Lebak
2003	Ali Mohammad	1996	Eric Farmer	1987	Curtis Hillier
2002	Trevor Fast	1995	Mark Berger	1986	Mary Stewart
2002	Peter Pauzauskie	1994	Keith Loseke	1985	Paul Lammert
2001	Rachel Alison Felix	1993	Dale Embers	1984	Robin Kletke
2001	Anna Wetterhus	1992	David Lee	1983	Shanalyn Kiger
2000	Amanda Simpson	1991	Geoff Warren	1982	Ben Lange

2005 GRADUATING SENIORS

Victoria Bogner	Crystal Lee	Wesley Pike
Christopher Bonnell	Natasha Lloyd	Alan Reinhold
Jim Copeland	Michael Marlen	Aaron Wech
Julia Galstad	Thao Nguyen	Jonathan Whitmer
Kevin Kennedy	Silpan Patel	Celeste Yang

Additional 2004 MASTERS OF SCIENCE

December 2004	Cipra, James
	Hakami, Ali

2005 MASTERS OF SCIENCE

May 2005	Mukta Bhandari
	Justin Ostrander
August 2005	Alla Boykova
	Jeremy Coffelt
	Niveditha Kuntigorla
	Eric Lawrence
	Ashley Prater
	Elena Verbych

WILLIAM LOWELL PUTNAM MATHEMATICAL COMPETITION

1st: Matthew Burkemper	3rd: Julia Galstad	5th: Jonathan Whitmer
2nd: Jeffrey Amos	4th: Kevin McBeth	6th: Michael Higgins
		7th: Adam Gelroth

2005 MATHEMATICAL CONTEST IN MODELING

Meritorious:	Asma Al-Rawi	Eli Parke	Jonathan Whitmer
Satisfactory:	Jeffrey Amos	Julia Galstad	Michael Higgins

MANHATTAN MATHEMATICAL OLYMPIAD

Grades 5-6
1st place: Changyang Liu
2nd place: Jake Seaton
3rd place: Max Pease
Honorable Mention: Kaitlin Wichmann
Honorable Mention: Nathaniel Pennell

Grades 7-8
1st place: Joel Clark
1st place: Kiho Son

Grades 9-12
2nd place: Patrick Lin
2nd place: Gavril Nagy

S. THOMAS PARKER MATHEMATICAL COMPETITION

1st place: Jeffrey Amos	3rd place: Tyler Krehbiel
2nd place: Matthew Burkemper	Honorable Mention: Kevin McBeth
	Honorable Mention: Matthew Basel

AMERICAN MATHEMATICS COMPETITIONS

AMC 8
1st in state, Kiran Kota, Top 8th grader
Top 7th grader, Samuel Ho
Top 6th grader, Paul Goodwin
Top 5th grader, Nicholas Henriquez
Top 4th grader, Trang Nguyen

AMC 10
1st in state, Wendy Zhang, Top 10th grader
Top 9th grader, Iris Shelly
Top 8th grader, Kiran Kota
Top 7th grader, Steven Benson
Top 6th grader, David Wang

AMC 12
1st in state, Eric Mukherjee, Top 12th grader
1st in state, Simon Li, Top 11th grader
Top 10th grader, Wendy Zhang
Top 9th grader, Katelyn Gao
Top 8th grader, Kiran Kota

FRIENDS OF MATHEMATICS

FRIENDS OF MATHEMATICS was established as a scholarship fund with the KSU Foundation on November 1, 1968. In the Spring of 1982 Friends of Mathematics expanded in scope to include an alumni-faculty organization dedicated to excellence in mathematics at Kansas State University. The primary mission of Friends of Mathematics is to provide scholarships for outstanding mathematics majors and to fund lectureships from annual alumni-faculty contributions. Since the reorganization in 1982, Friends of Mathematics has been instrumental in raising over $1,000,000 for the KSU Foundation.

The Department of Mathematics is the recipient of scholarship funds for students from the Dr. Leonard E. Fuller Scholarship Fund, the estate of Dr. L. Aileen Hostinsky, the Kenneth and Maria Rector Endowed Scholarship Fund, the Charles Michael and Shannon Kay Richardson Memorial Scholarship Fund and the Karl Stromberg Memorial Scholarship Fund. In addition, the College of Arts and Sciences has provided support to Friends of Mathematics from undesignated funds contributed by alumni during the Telefund.

DISTINGUISHED ALUMNI ADDRESSES

2004	"Applied Mathematics: A Diverse Life" Joyce McLaughlin, Class of 1961
2003	"Getting to the Top is More Than Just Being the Best Mathematician" Donald Brining, Class of 1969
2002	"What I Learned at K-State that Helped Me in Industry" Wayne O. Evans, Class of 1964
2001	"Putting Math Into Perspective" Gary Schmidt, Class of 1973
2000	"A Personal View of Paul Erdös" Richard Schelp, Class of 1970
1999	"Yesterday and Today" Bernard McDonald, Class of 1964
1998	"The Simple Things" John C. Nelson, Class of 1980
1997	"What I Learned From Mathematics" Gary Thomas, Class of 1965
1996	"Continuing Education — A Global Twist" Richard Latas, Class of 1969
1995	"Losing While Winning" Ross Freeman, Class of 1961
1994	"Riding the Roller Coaster into the 90's" Garfield Schmidt, Class of 1959
1993	"B.S. in Mathematics: Passport to Adventure" Marilyn McCord Nelson, Class of 1961
1992	"One Equals Infinity" Judith Brandt Daniels, Class of 1964
1991	"A Mathematician and Interdisciplinary Research" Donald E. Myers, Class of 1955
1990	"Mathematics: A University President's View" Eugene Hughes, Class of 1958
1989	"Mathematics: A Senior Manager's View" William J. Spencer, Class of 1956
1988	"Mathematics at Sandia National Laboratories" Daniel Jones, Class of 1959
1987	"An Actuary, a Mathematician" Gary Dickson, Class of 1976

FRIENDS OF MATHEMATICS LECTURERS

2004	David Eisenbud, Director Mathematical Sciences Research Institute
2003	David Hoffman Associate Director for External Collaboration Mathematical Sciences Research Institute, Berkeley
2002	Cameron Gordon, Professor of Mathematics University of Texas, Austin
2001	Robion Kirby, Professor of Mathematics University of California, Berkeley
2000	Richard Beals, Professor of Mathematics Yale University
1999	Karen Smith, Professor of Mathematics University of Michigan
1998	Bernd Sturmfels, Professor of Mathematics University of California, Berkeley
1997	Kenneth Ross, Professor of Mathematics University of Oregon
1996	Richard Kadison Gustave Kuemmerle Professor of Mathematics University of Pennsylvania
1995	Andrew Gleason, Professor of Mathematics Harvard University
1994	Persi Diaconis, Professor of Mathematics Harvard University
1993	Irving Kaplansky, Director Mathematical Sciences Research Institute, Berkeley
1992	Robert Fefferman, Professor of Mathematics University of Chicago
1991	Charles Curtis, Professor of Mathematics University of Oregon
1990	Garrett Birkhoff, Professor of Mathematics Harvard University
1989	Ronald L. Graham, AT&T Bell Labs Murray Hill, NJ
1988	Raoul Bott William Caspar Graustein Professor of Mathematics Harvard University
1987	Lynn Arthur Steen, Professor of Mathematics St. Olaf College
1986	Henry O. Pollak Assistant Vice-President for Mathematical Communications and Computer Science Research Bell Communications Research, Inc.
1985	Peter J. Hilton Distinguished Professor of Mathematics State University of New York, Binghamton
1984	Ivan Niven, Professor of Mathematics University of Oregon
1983	Paul R. Halmos Distinguished Professor of Mathematics Indiana University

Tomasz Mrowka

Professor Tomasz Mrowka received his Ph.D. in mathematics from the University of California at Berkeley, in 1988. He is presently a professor of mathematics at the Massachusetts Institute of Technology, and he has also taught at Berkeley and the California Institute of Technology. Professor Mrowka is an expert on differential geometry and gauge theory. He has 19 publications on low dimensional topology, contact structures, and the invariants of Donaldson and Seiberg-Witten. He proved the "Property P Conjecture" concerning the fundamental group of a manifold constructed from Dehn surgery on a knot, using foliations and symplectic geometry. Professor Mrowka has been the thesis advisor for 13 Ph.D. students.