

John Travis, Ph.D.

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Professional interests: *Geometric Design* and *Numerical Linear Algebra*.
Member: Mathematical Association of America, MCTM

Employment History

2006 – Present: Professor and Chair, Department of Mathematics, Mississippi College, Clinton, MS

May-December 2006: Senior Research Mathematician, Army Corps of Engineers, Engineer Research and Development Center, Vicksburg, MS.

2005 – 2006: Webmaster, Mississippi College, Clinton, MS

2004 – 2006: Associate Professor and Chair, Department of Mathematics, Mississippi College, Clinton, MS

2000 – 2006: Associate Professor, Department of Mathematics and Computer Science, Mississippi College, Clinton, MS

1995 – 2000: Assistant Professor, Department of Mathematics and Computer Science, Mississippi College, Clinton, MS

1988 – 1995: Instructor, Department of Mathematics and Computer Science, Mississippi College, Clinton, MS

Summers 1983 and 1984: Instructor, Department of Mathematics and Computer Science, Mississippi College, Clinton, MS

1982 – 1988: Teaching Assistant, Department of Mathematics, University of Tennessee, Knoxville, TN

Summer 1982: Mathematical Programmer for Don Resio, Clay Street, Vicksburg, MS

Educational Background

Ph. D., Mississippi State University, December 1994

Dissertation title: *On Twists For C1 Tensor Surfaces And Solids With Applications To Grid Generation*

Advisor Dr. C. Wayne Mastin

M.S., University of Tennessee, August 1985

Thesis title: *A Numerical Study Of Diagonally Implicit Runge Kutta Methods For A Parabolic Differential Equation*

Advisor Dr. Larry Bales

B.A., Mississippi College, May 1982
Double Major: Mathematics and Business

Institutional Service

Supervisor for the Mississippi College Community Service Center - 1998 – 2004
Faculty Council - 1996 - 2000, 2004 - present
Faculty Club President - 2003 - 2004
Numerous departmental and institutional committees as needed

Professional Service

Board of Governors, Mathematical Association of America, 2006 – 2009
Committee on Website Policy and Procedures, Mathematical Association of America

Executive Committee of the Louisiana/Mississippi Section of the Mathematical Association of America:

- Chair (2002-2003), MS Vice-Chair (2001 - 2002) Past Chair (2003 - 2004)
- Technical Editor and Publisher for the *Proceedings of the LA/MS Section of the MAA* - 1999 - present
- Newsletter Editor - 1998 - 2001
- Web Coordinator - 1996 - present

Judge for Mississippi Mu Alpha Theta Convention – 1997 - 2007
Nominations Committee for Mississippi Academy of Sciences - 2000
Member of the Mathematical Association of America
Member of the Mississippi College Teachers of Mathematics

Community Service

Board of Directors and Vice Chairman for the MC Credit Union - 1995 - present
Coordinator for the Woodmoor Homeowner's Association Home Page - 1999 – 2003
Board of Directors for the Woodmoor Homeowner's Association - 1998 - 2000
Member of Clinton Public Schools PTA - 1999 - present

Church Service

Director/Counselor for Royal Ambassadors - 1992 - 1994, 1999 - present
Deacon - 1993 - 1996, 2003 – 2006
Church Instrumental Ensemble – 2005 - present
College Sunday School Leader - 1993 - present
Member of Sanctuary Choir - 1993 - 2000
Member of Young Adult Ensemble - 1998 - 2005
Singles Sunday School Leader - 1988 - 1992

Book Reviews

January 2005, **Advanced Statistics From an Elementary Point of View**, by Michael J. Panik, for Elsevier (Whole Text)

February 2004, **Advanced Statistics From an Elementary Point of View**, by Michael J. Panik, for Elsevier

August, 2002, **An Introduction to Scientific Computing**, by Ian Gladwell and Warren Ferguson, for Addison-Wesley

August 1999, **Order and Chaos: An Introduction to Differential Equations**, by Florin Diacu, for W.H. Freeman and Company.

December 1998, **Introduction to Statistics**, by Williams, for Houghton Mifflin

March 1998, **Introduction to Dynamical Systems and Differential Equations**, by Merrill, for Houghton Mifflin.

Courses Taught at Mississippi College

College Algebra - Math 101
Trigonometry - Math 102
Calculus I - Math 121
Calculus II - Math 122
Finite Mathematics - Math 205
Applied Calculus - Math 206
Applied Linear Algebra – Math 213
Calculus III - Math 221
Calculus IV - Math 222
Intro. to Mathematics Probability and Statistics - Math 253
Foundations of Mathematics - Math 301
Discrete Structures - Math 309
Differential Equations - Math 352
Numerical Methods - Math 381
Linear Algebra - Math 413
Mathematics Seminar - Math 431 (Recreational Mathematics)
Advanced Calculus - Math 450
Probability and Statistics - Math 453
Graph Theory - Math 455
Numerical Analysis - Math 481
Topics in Higher Algebra - Math 6520/6528
Real Analysis I - Math 6528
Modern Geometry - Math 6551
Mathematical Modeling - Math 6570

References Available by request