

David R. Martin

Department of Computer Science and Mathematics
Sul Ross State University
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Curriculum Vitae

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Objectives:

To continue growing as a teacher and to better serve Sul Ross State University in the best ways that I am able.

Education:

- 2002-2007 Ph.D. in Pure Mathematics**
Department of Mathematics and Statistics, Texas Tech University
Dissertation: Maximizing a Generalized Fekete-Szegő Functional in Hyperbolically Convex Domains
Advisors: Dr. Roger W. Barnard and Dr. G. Brock Williams
- 1998-2001 Master of Science in Mathematics**
Department of Mathematics and Statistics, Texas Tech University
Thesis: Constructive Infinitary Game Theory
Advisor: Dr. Robert Byerly
- 1993-1997 Bachelor of Arts in Mathematics**
Department of Mathematics, California State University, Stanislaus

Collegiate Teaching Experience:

- 2006-present Assistant Professor of Mathematics**
Department of Computer Science and Mathematics, Sul Ross State University
Instructor for a wide variety of undergraduate courses, committee duties, undergraduate advising, course development, and updating the catalog.
- 2002-2007 Part-time Instructor**
Department of Mathematics and Statistics, Texas Tech University
Duties included all aspects of lecturing and grading.
Wide variety of college level classes taught.
- 2001-2002 Visiting Lecturer**
Department of Mathematics, California State University, Stanislaus
Taught 3-4 courses per long semester.
Duties included all aspects of lecturing and grading, created worksheets for Calculus I and I laboratories (in MAPLE), and responsible for advising students.
- 1998-2001 Part-time Instructor**
Department of Mathematics and Statistics, Texas Tech University
Duties included all aspects of lecturing and grading.
Wide variety of college level classes taught.

Course Work:

Advanced Mathematics for Teachers, Intermediate Analysis, Modern Algebra, Classical Applied Analysis, Computer Literacy/Programming, Real Analysis, Topology, Applied Linear Algebra, Complex Analysis, Numerical Analysis, Functional Analysis, Statistics, Special Functions, Circle Packing, Logic, Algebraic Geometry, and Approximation Theory.

Research Interests:

- Complex Analysis: conformal mappings and hyperbolically convex domains.
- Circle Packing: discrete Schwarzian derivatives and their bounds.
- Card Tricks: the mathematics behind them and the development of undergraduate research.

Teaching Experience:

Department of Computer Science and Mathematics at Sul Ross State University:
Calculus I, II, and III, Introduction to University Mathematics, Statistics, and Foundations of Mathematics.

Department of Mathematics and Statistics at Texas Tech University:
Calculus I and II, College Algebra, Business Algebra, Business Calculus, Contemporary Mathematics, and Intermediate Algebra I and II.

Department of Mathematics at California State University, Stanislaus:
Calculus I and II laboratory (MAPLE), Business Algebra, Intermediate Algebra I and II, and Mathematics for Elementary School Teachers I and II.

Professional Organization Membership/Committees:

- Quality Enhancement Plan for Sul Ross State University, 2007-2008
- Honors Council, chair, Sul Ross State University, 2007-present
- Society of Industrial and Applied Mathematics, Social Coordinator of the Texas Tech chapter, 2003-04.
- American Mathematical Society, 2003-present
- Graduate Mentoring Program at Texas Tech, chair 2003-2007
- Graduate Advisory Committee at Texas Tech, 2006-2007