

Janet Sipes, M.A.

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SUMMARY

- University and community college teaching experience.
- Experience in tutoring/advising students from disadvantaged backgrounds.
- Teacher certification in Secondary English & Mathematics.

EDUCATION

2003-Present University of Missouri—Columbia: MA in Mathematics, May 2006

Master's Project: "Traditional and Non-Traditional Methods of Establishing Binet's Formula for the Fibonacci Numbers"

Courses taken include:

Abstract Algebra I, II	Basic Topology and Geometry
Advanced Calculus I, II	Real Variables I, II
Intro to Complex Variables	Complex Analysis I
Basic Algebra	Algebra I
Basic Analysis	Harmonic Analysis I, II

2001-2003 Texas Woman's University: MS in Mathematics, May 2003

Master's Thesis: "Mathematical Models of a Forest Fire"

Courses taken include:

Probability & Statistics I, II	Matrix Methods
Statistical Methods I, II, III	Differential Equations
History of Math	Real Analysis
Algebra in the Classroom	Math Manipulatives

1992-1995 East Texas State University: BA in English and Mathematics, May 1995

Courses taken include:

Introduction to Teaching	Calculus I, II, III
Teaching & Learning Styles	Number Theory
Learning Processes & Development	Discrete Math
Classroom Management Strategies	College Geometry
Psy/Soc of Diverse Populations	Technical Writing

CERTIFICATIONS

Texas Teacher Certificate	Secondary English	1995
Texas Teacher Certificate	Secondary Mathematics	1995

WORK EXPERIENCE

- Aug 2003-Present University of Missouri-Columbia, Columbia, Missouri
- Graduate Teaching Assistant:** Taught 2 sections of Intermediate Algebra during Fall 2003, Winter 2004, Fall 2004, Winter 2005. Taught 1 section of College Algebra during Winter 2006, Fall 2006, Winter 2007. Taught 2 sections of Finite Math during Fall 2007 and Spring 2008.
- Jan 2002-May 2003 Texas Woman's University, Denton, Texas
- Graduate Teaching Assistant:** Taught 2 sections of College Algebra each regular semester (3 semesters total); taught Trigonometry during a summer session.
- Jan 2001-Dec 2001 Collin County Community College District, Plano, Texas
- Associate Faculty:** Taught 2 Developmental Math courses during Spring 2001 & Fall 2001 semesters.
- April 2000-May 2000 NCS Pearson, Dallas, Texas
- Student Essay Evaluator:** Evaluated student responses to open-ended questions on standardized tests according to a specified scoring guide.
- March 1999-April 2000 Gateway Academy, Allen, Texas
- English/Liberal Arts Tutor; Math/Science Tutor:** Responsible for monitoring and documenting student progress. When content was a problem, I provided one-on-one tutoring.
- Nov 1998-Feb 1999 The Container Store, Plano, Texas
- Seasonal Employee:** Served as a Visual Salesperson and Cashier during peak season.
- June 1997-July 1998 JCPenney Insurance Company, Plano, Texas
- Actuarial Assistant, Marketing Support:**
Prepared a monthly report tracking financial performance based on agreements with 40+ business partners. Tracked marketing tests and presented results to decision-makers in the Marketing Department. Read agreements to verify that business partners were accurately compensated. Performed other tasks as requested by Marketing.

Dec 1996-June 1997

United American Insurance Company, McKinney, Texas

Rate Filing Technician/Compliance Analyst: Worked for 3 months as a temporary in the Rate Filing Area of the Actuarial Department. Filed rates with various states. Became a permanent employee of the Regulatory Compliance Department. Responsibilities included filing various products with states for approval, verifying that products were in compliance with all applicable laws and regulations, and moving those products into production after approval.

August 1995-May 1996

Paris Junior College, Paris, Texas

Tutorial Coordinator, Academic Advisor—Talent Search: The goal of Talent Search is to increase the number of youth from disadvantaged backgrounds who complete high school and enroll in postsecondary educational institutions. I coordinated tutoring sessions for 6 tutors to work with students from several junior high schools. I also provided academic, career, and financial advising to students at several high schools.

ACTIVITIES

2006-Present

Graduate Professional Council

As the GPC representative for the math department, I attend the monthly meetings of the GPC and communicate with other graduate students in the department concerning the proceedings at the meetings; I also inform my peers of GPC-sponsored social events.

2005-Present

Griffiths Leadership Society for Women

Mission Statement: The Griffiths Leadership Society for Women is the premier network of University of Missouri alumnae, students, and affiliates who are dedicated to furthering the goals of women. The Leadership Society promotes the advancement of personal and professional achievement, leadership development, and recognition.

2005

Wakonse Fellow

The Wakonse Foundation has as its mission "Inspiration and Support for College Teaching". During the final week of May 2005, around 120 faculty members, graduate students, and undergraduates from various institutions convened at a camp on Lake Michigan to consider two topics: (1) Inspiring Good Teachers to Be Better, and (2) Rethinking the Role for Faculty in the Academy.

Books that I read in preparation for the conference included:

- (1) What the Best College Teachers Do by Ken Bain
- (2) Making the Most of College by Richard J. Light
- (3) Teaching in Eden by John Janovy, and
- (4) The Courage to Teach by Parker Palmer.

2004-2005

Preparing Future Faculty Fellow

Preparing Future Faculty is a national program established by the Council of Graduate Schools, the Association of American Colleges and Universities, the Pew Charitable Trust, and the National Science Foundation.

The Preparing Future Faculty (PFF) initiative at the University of Missouri-Columbia was begun in the fall of 2001 and is coordinated by the Graduate School. The goal is to ensure the development of future faculty prepared to meet the challenges of the 21st Century.

Monthly class meetings that I attended included: ABCs of Grant Management, Technology in the Classroom, Academic Portfolios, Enhancing Academic Success for Students with Disabilities, Professional Standards and Ethics, Promotion and Tenure, Advising, and Facing the Challenges of Diversity.

Professional Development and Career Workshops that I attended included: Rewards and Realities in Teaching at a Liberal Arts College, Negotiation Skills for Graduate Students, Getting Published, Stress Management for Graduate Students, and Balancing Family and Academic Careers.

My mentors were from Iowa State University and Moberly Area Community College. Having mentors from different types of institutions allowed me to compare and contrast what each had to offer.

2005

MOMATYC Spring Conference

I attended this conference of the Missouri Mathematical Association of Two-Year Colleges with my PFF mentor from Moberly Area Community College.

Sessions that I attended included: Mathematical Biology and College Algebra, A Roundtable Discussion on Motivating Students, Words in a Numbers Course, Insight into Graphing, Help Your Students Conquer Math and Test Anxiety, and The Reading Prerequisite and Math.

2003-Present

Member, American Mathematical Society

ADDITIONAL SKILLS

Graphing Calculators (both TI and Casio)
Blackboard On-Line Learning Application
MyMathLab On-Line Learning Application
Microsoft Office (extensive use of Excel and Access)
SPSS Statistical Software
SAS Statistical Software (limited use)
Foreign Language: Spanish