

Vita

Roy Joseph Harris

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Education

- **Ph.D.** Texas A&M University at College Station, 1999. Dissertation research on quadratic convexity of complex sets
- **B.S.** Stephen F. Austin State University, 1992.

Employment

- 2005-present Associate Professor, Stephen F. Austin State University
- 1998-2005 Assistant Professor, Stephen F. Austin State University
- 1997-1998 Visiting Assistant Professor, Stephen F. Austin State University
- 1996-1997 Lecturer, Texas A&M University at College Station
- 1993-1996 Teaching Assistant, Texas A&M University at College Station

Teaching

- Fall 2009-Present, Consultant for Region VII Service Center
Provided research based strategies for mathematics instruction.
- Spring 2010, Delivered Dual Credit MTH 133 – Plane Trigonometry to NHS Juniors and Seniors using Interactive Video
This section of MTH 133 was populated by both NHS students and traditional SFA students. Spring 2010 represents the first time this course has been offered to any student using interactive video.
- Fall 2009, Along with Dr. Sarah Stovall delivered MTH 138 – College Algebra to students from small rural school districts using Blackboard technology. Over 90% of the students were successful in this program.
- 2009-Present, Co-Author of Fully Online Version of MTH 133
Initially planned as a course for high school students with limited access to college courses, online MTH 133 is offered to any student attending SFA.
- Fall 2009, Delivered Dual Credit MTH 138 - College Algebra to NHS Juniors and Seniors using interactive video
This section of MTH 138 was populated by both NHS students and traditional SFA students. Fall 2009 represents the first time this course has been offered to any student using Interactive Video.
- 2008-2009, Co-Authored Fully Online Version of MTH 138
Initially planned as a course for high school students with limited access to college courses, online MTH 138 is offered to any student attending SFA.
- 2009 Summer, Instructor of Mathematics Portion of JAMP Camp
The purpose of JAMP Camp is to expose highly qualified high school students to several disciplines within the College of Sciences and Mathematics at SFA.
- 2008-2009, Piloted Dual Credit College Algebra Initiative with Eight Rural School Districts

This program involved the delivery of MTH 138 to 34 students from small rural school districts using Blackboard technology. Over 90% of the students were successful in this program.

- Fall 2008, Consultant for Region VII Service Center
Provided research based strategies for mathematics instruction.
- 2007-2008, Initiated Dual Credit College Algebra Initiative with Rural School Districts
- Instructor in Dual Credit Calculus courses at Nacogdoches, ISD from 2000-present.

Scholarly Activity/Grants

- Spring 2010, Co-Presented, "Overview and Highlights, Mathematics 4-8 Certification Mathematics 8-12 Certification," Mathematics Cross-Institutional Collaborative Seminar
- Spring 2009, Co-Presented, "Dual Credit College Algebra: Experiences in Rural Schools," Texas Section of the MAA
- Spring 2009, Co-Presented, "Dual Credit College Algebra: Experiences in Rural Schools," P-16 Regional Council
- 2009-Present, Co-authored grant proposal entitled *Online Dual Credit Math Project for Low Socio-Economic Rural High School Students*
- Fall 2009-Present, Invited Speaker for the Learning Academy Seminars in the Math/Science Teacher Academies funded by the Texas Higher Education Coordinating Board
- Fall 2008, Co-Presented, "Preparing Our Students for College Algebra," Region VII Service Center
- May 2008-Present, Certified Online Instructor
- Directed five theses
- Served on thirteen committees for these students
- Served on six comprehensive examination committees
- 2007-2008, Co-authored grant proposal entitled *College Algebra for Rural Districts Using Wireless Technology* (Not funded)
- 2005-2008, 9-12 curriculum consultant for Zavalla, ISD
- 2004-2005, Co-author of Teacher Quality Grant funded by the Texas Higher Education Coordinating Board with "No Child Left Behind" legislation monies, *An In-Depth Exploration of Algebra*
- Spring 2003, Presented, "Normal Families," Texas Section of the MAA
- 2002-2003, Consultant for San Augustine ISD Technology Project
- 2002-2003, Co-director and Instructor of Eisenhower funded grant project entitled *From Geometry to Algebra and Beyond*
- 2002-2003, Project Co-Director for Eisenhower grant entitled *From Geometry to Algebra and Beyond*
- 2001-2002, Consultant for the Eisenhower project entitled *Connecting Geometry and Algebra for the Middle and Secondary Student*
- 2000-2001, Consultant for the Eisenhower project entitled *Connecting Arithmetic and Geometry for Elementary Students*

- 2000-2001, Co-authored proposal for the development of Geometry TexTeams Institute. (Not funded)
- 2000-2001, Conducted faculty workshops for San Augustine ISD
- 1999-2000, Consultant and instructor for the Eisenhower grant project entitled *Patterns and Relationships: Collaborative Investigations*
- 1999-Present, UIL Contest Director for Number Sense or Calculator Applications

University Service and Leadership

- 2009-2010, Member of University First Year Experience Committee
- 2008-2009, Member of University Alumni and Public Affairs Committee of the Financial and Physical Resource Core Team
- 2005-2006, Member of University Core Curriculum Committee
- 2004- 2006, Member of University Program Review Committee
- 2001-2004, Member of Faculty Senate
- 2003-Present, Member of Department of Mathematics and Statistics Curriculum Review Committee
- 2003-2008, Member of Department of Mathematics and Statistics Scholarship Committee
- 2003-2004, President of the East Texas Council of Teachers of Mathematics
- 1999-2003, Board member and/or officer in the East Texas Council of Teachers of Mathematics
- 1999-2001, Elected member of the Dean of Sciences and Mathematics Advisory Council
- 2000-2001, Elected member of the Department of Mathematics and Statistics Advisory Council

Professional Organizations

- National Council of Teachers of Mathematics (NCTM)
- Mathematical Association of America (MAA)