

VITA

Robin Rudd

Associate Professor and Chair of the Department of Mathematics

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EDUCATION:

<i>Degree Earned</i>	<i>School</i>	<i>Date Attended</i>
Ph.D.	University of Kentucky	2007 – 2012
M.S.	University of Texas at Tyler	1989 - 1995
B.S.E.	East Texas Baptist University	1982 - 1985

TEACHING EXPERIENCE:

<i>Position</i>	<i>Institution</i>	<i>Date</i>
Associate professor and chair	East Texas Baptist University	2018 - present
Assistant professor and chair	East Texas Baptist University	2016 – 2018
Assistant professor	East Texas Baptist University	2013 – 2016
Instructor	East Texas Baptist University	2012 – 2013
Teacher and department chair	Marshall High School	1998 – 2012
Teacher	Marshall High School	1986 - 1998

OTHER WORK EXPERIENCE:

<i>Position</i>	<i>Place</i>	<i>Date</i>
Math consultant	McKool Smith Marshall, TX	2022
Math consultant	Various TX high schools	2012 – present
Math consultant and Agilemind technology trainer	Various TX and NC high schools	2003 - 2012
Math consultant	Various TX high schools	1999 - 2003

PROFESSIONAL DEVELOPMENT EXPERIENCES:

<i>Description</i>	<i>Place</i>	<i>Date</i>
Association of Mathematics Teacher Educators Annual Meeting	New Orleans, LA	February 2023
Association of Mathematics Teacher Educators Annual Meeting	Online	February 2021
Lilly Fellows Program National Conference	Online	October 2020
Association of Mathematics Teacher Educators Annual Meeting	Phoenix, AZ	February 2020
Association of Mathematics Teacher Educators Annual Meeting	Orlando, FL	February 2019
Association of Mathematics Teacher Educators Annual Meeting	Houston, TX	February 2018

5/23/2023

National Council of Teachers of Mathematics Annual Meeting	San Antonio, TX	April 2017
Conference on Research and Innovation in Teaching Mathematics with Technology	LaCrosse, WI	July 2016
School Science and Mathematics Association Annual Meeting	San Antonio, TX	November 2013
Association of Mathematics Teacher Educators Annual Meeting	Fort Worth, TX	February 2012
Association of Mathematics Teachers Educators Annual Meeting	Irvine, CA	January 2011
ACCLAIM Research Symposium	Irvine, CA	January 2011
ACCLAIM Research Symposium	Columbus, OH	May 2009
Association of Mathematics Teacher Educators Annual Meeting	Orlando, FL	February 2009
Barrett Lectures	Knoxville, TN	May 2008
T ³ Regional Conference	Kilgore, TX	Fall 2006
Conference for the Advancement of Mathematics Teaching	Houston, TX	Summer 2006
T ³ Regional Conference	Kilgore, TX	Fall 2003
Conference for the Advancement of Mathematics Teaching	Houston, TX	Summer 2003
National Council of Teachers of Mathematics Annual Meeting	San Antonio, TX	April 2003
Conference for the Advancement of Mathematics Teaching	Dallas, TX	Summer 2002
Conference for the Advancement of Mathematics Teaching	San Antonio, TX	Summer 2001
National Council of Teachers of Mathematics Annual Meeting	Orlando, FL	April 2001
Maple Workshop	Dallas, TX	Summer 2000
Conference for the Advancement of Mathematics Teaching	Houston, TX	Summer 2000
National Council of Teachers of Mathematics Annual Meeting	Chicago, IL	April 2000
Conference for the Advancement of Mathematics Teaching	Dallas, TX	Summer 1999
National Council of Teachers of Mathematics Regional Conference	Little Rock, AR	Fall 1998
National Council of Teachers of Mathematics Annual Meeting	Minneapolis, MN	April 1997
National Council of Teachers of Mathematics Annual Meeting	Boston, MA	April 1995
National Council of Teachers of Mathematics Regional Conference	Marshall, TX	Fall 1988

PRESENTATIONS AND PUBLICATIONS:

<i>Title</i>	<i>Location</i>	<i>Date</i>
PreAP & AP Mathematics Vertical Alignment	Marshall High School Marshall, TX	Fall 2017
Investigating the Impact of Interactive Applets on Students' Understanding	Research and Innovation in Teaching Mathematics with Technology Conference, LaCrosse, WI	July 2016
Investigating the Impact of Interactive Applets on Students' Understanding of of Parameter Changes to Parent Functions: An Explanatory Mixed Methods Study	ETBU Scholars Forum	February 2014
Using Technology to Teach High School Mathematics	Dallas ISD, Dallas, TX	Summer 2015
Using Technology to Teach High School Mathematics	New Boston ISD, New Boston, TX	Spring 2015
Investigating the Impact of Interactive Applets on Students' Understanding	School Science and Mathematics Association Convention, San Antonio, TX	November 2013
Using Technology to Teach High School Mathematics	Fort Worth ISD, Fort Worth, TX	Summer 2013
Using Technology to Teach Algebra 2	Algebra 2 Conference hosted at Longview High School, Longview, TX	Summer 2013
Using Technology to Teach High School Mathematics	Palestine ISD, Palestine, TX	Fall 2012
Teaching and Learning Algebra 1 Using TI-Interactive	T ³ Regional Conference, Region VII, Kilgore, TX	Fall 2006
Teaching and Learning Geometry Using TI-Interactive	T ³ Regional Conference, Region VII, Kilgore, TX	Fall 2006
Teaching and Learning Algebra 2 and Precalculus Using TI-Interactive	T ³ Regional Conference, Region VII, Kilgore, TX	Fall 2006
Teaching Calculus Using Agilemind	Conference for the Advancement of Mathematics Teaching Region VII, Kilgore TX	July 2006
Using TI-Interactive to Teach Mathematics	Region VII, Kilgore, TX	Summer 2006
Using CBLs/CBRs to Teach Mathematics	Region VII, Kilgore, TX	Summer 2005
Using TI-Interactive to Teach Mathematics	Region VII, Kilgore TX	Summer 2005
Teaching Mathematics with Technology	Marshall, Waskom, and Karnack ISDs	Summer 2004
Using TI-Interactive to Teach	Region VII, Kilgore TX	Summer 2004

Mathematics		
Teaching and Learning Algebra 1 Using TI-Interactive	T ³ Regional Conference, Region VII, Kilgore, TX	Fall 2003
Teaching and Learning Geometry Using TI-Interactive	T ³ Regional Conference, Region VII, Kilgore, TX	Fall 2003
Teaching and Learning Algebra 2 and Precalculus Using TI-Interactive	T ³ Regional Conference, Region VII, Kilgore, TX	Fall 2003
Teaching and Learning High School Mathematics Using TI-Interactive	National Council of Teachers of Mathematics Annual Meeting, San Antonio, TX	April 2003
Teaching and Learning High School Mathematics Using TI-Interactive	Conference for the Advancement of Mathematics Teaching, Dallas, TX	Summer 2002
Using TI-Interactive to Teach Mathematics	Region VII, Kilgore TX	Summer 2002
Teaching and Learning Calculus Concepts Using TI-Interactive	Conference for the Advancement of Mathematics Teaching, San Antonio, TX	Summer 2001
Teaching and Learning Calculus Concepts Using TI-Interactive	National Council of Teachers of Mathematics Annual Meeting, Orlando, FL	April 2001
TEKStar Precalculus - Exponential and Logarithmic Functions	Conference for the Advancement of Mathematics Teaching, Houston, TX	Summer 2000
TEKStar Precalculus - Exponential and Logarithmic Functions	Conference for the Advancement of Mathematics Teaching, Dallas, TX	Summer 1999
The Use of the CBL	Marshall, Waskom, and Karnack ISDs	Summer 1999
The Use of the Graphing Calculator	Marshall, Waskom, and Karnack ISDs	Summer 1999

OTHER RELEVANT INFORMATION:

Developed two new mathematics courses – MATH 3341 Methods for Teaching Secondary Mathematics I and MATH 3342 Methods for Teaching Secondary Mathematics II. These two courses replace MATH 3356 Methods for Teaching Secondary Mathematics and will give students more time to explore content, assessments, and teaching methods for the high school mathematics curriculum.

Revised the BSE Secondary Mathematics Major to include MATH 3341 Methods for Teaching Secondary Mathematics I and MATH 3342 Methods for Teaching Secondary

Mathematics II as well as MATH 3325 Using Technology to Teach Mathematics.
Developed two new general education mathematics courses – MATH 1310 Consumer Mathematics and Numeracy and MATH 1329 Between the Lines: Statistics and Baseball. These courses give ETBU students additional general education math options beyond MATH 1300 Finite Mathematics and MATH 1342 Elementary Statistics.
Developed one graduate mathematics courses – MATH 5301 Building Connections in Mathematics
Developed three-course math sequence – MATH 2351, 3351, 3352 - for Elementary Education majors at ETBU to address increased rigor on the core-subjects portion of the certification exam.
Developed two math methods courses – MATH 3325 Using Technology to Teach Mathematics and MATH 3356 Methods for Teaching Secondary Mathematics- for Secondary Education majors at ETBU to address the lack of preparation in instructional methods since no methods courses existed.
Co-authored the Mathematics Instructional Coaches Pilot Program grant. Marshall High School was awarded \$200,000.00. Served as co-chair of the grant.
Disaggregated testing data at Marshall High School and developed intervention plans and refined curriculum based on the data.
Conducted classroom walkthroughs and formal evaluations of mathematics teachers at Marshall High School.