

JOAN MARIE ROSEBUSH  
20 BORESTONE LANE  
BURLINGTON, VERMONT 05408  
TELEPHONE NUMBERS: PRIVATE LINE AT WORK: (802) 656-8858; HOME: (802) 864-0457  
jrosebus@uvm.edu

I. Earned Degrees and Additional Course Work

- A. Certificate of Advanced Graduate Study, Saint Michael's College, 1997  
Topic: Administration
- B. Master's Degree, Saint Michael's College, 1981  
Topic: Mathematics Education  
Concentration: Prevention of Mathematics Anxiety
- C. Bachelor of Arts, SUNY Cortland, 1978  
Major: Elementary Education  
Concentration: Mathematics

II. Professional Experience

- A. Fall 2016 – Present: Faculty Peer Mentor
- B. December 2012 – Present: Online Instructor of Honors Algebra 2, Honors Pre-Calculus, and Honors Trigonometry; Center for Talented Youth, Johns Hopkins University
- C. August 2012 – Present: Co-Teacher of Calculus: Vermont Commons School: South Burlington, Vermont
- D. March 2012 – Present: Tutor and Proctor: Kaplan Test Preparation
- E. Spring 2011 – Present: Live/Online *Concepts in Algebra & Trigonometry* Developer and Instructor; University of Vermont
- F. November 2005 - Present: Director of Student Success; College of Engineering and Mathematical Sciences at the University of Vermont
- G. Fall 2004, Spring 2005, and Fall 2005: *Elements of Calculus* Instructor; Saint Michael's College: Colchester, Vermont
- H. Fall 2004 and Fall 2005: *Natural Resources Mathematics* Developer and Instructor; University of Vermont
- I. Summer 2004, Spring 2005, Summer 2005, Fall 2005, Spring 2006, and Summer 2006: Live/Online *Fundamentals of Calculus I and II* Instructor; University of Vermont
- J. Summer 2004 - Present: Mathematics Senior Lecturer; University of Vermont
- K. Summer 2001, Summer 2002, Spring 2003, and Summer 2005: Online Pre-Calculus Instructor; University of Vermont
- L. Summer 2000: Inroads Pre-Calculus/Calculus Instructor; IBM: Essex Junction, Vermont
- M. Fall 1997 – Summer 2004: Mathematics Lecturer; University of Vermont
- N. May - August 1997 - 1999: Mathematics Tutor; Champlain College: Burlington, Vermont
- O. Summer 1996, Summer 1998, and Summer 1999: Summer Discovery Study Skills Instructor
- P. 1996 - Present: Mathematics Instructor: Pre-Calculus; Calculus I, II, and III, Advanced Placement Calculus AB; University of Vermont's Distance Learning
- Q. Fall 1995 - Present: Church Street Center/Continuing Education Instructor: Preparation for GMAT, GRE, PRAXIS and Preparation for College Algebra; University of Vermont
- R. 1995 - Fall 1997: Manager of Content Instruction; University of Vermont
- S. 1991 - 1995: Tutor/Intake Coordinator; University of Vermont
- T. 1990 - 1991: Supplemental Instruction Specialist; University of Vermont
- U. 1989 - 2000: Mathematics Instructor/Tutor: Calculus, College Algebra and Trigonometry, Finite Mathematics, Mathematics for Elementary School Teachers, Mathematics Workshops, and Pre-Calculus; Trinity College: Burlington, Vermont
- V. 1988 - 1989: Math Teacher for Learning Disabled Students; Pine Ridge High School: Williston, Vermont
- W. 1987 – Closing of South Burlington's site: Site Director/Instructor; The Princeton Review: South Burlington, Vermont
- X. 1986 - 1996: Mathematics Instructor: Basic Mathematics, Algebra, Geometry, Trigonometry, *Building Mathematics Confidence*, Calculus, and Mathematics Lab; Community College of Vermont: Middlebury and Chittenden County Sites
- Y. 1984 - 1989: Mathematics Teacher; Middlebury Middle School: Vermont
- Z. 1983 - 1984: Mathematics Instructor: Basic Mathematics and Algebra; Burlington College: Vermont
- A1. 1979 - 1989: Mathematics Supervisor/Teaching Supervisor; The Learning Center: South Burlington, Vermont
- A2. 1979 - Present: Private Tutor in the Burlington, Vermont Area
- A3. 1978 - 1983: Remedial Mathematics Teacher for Grades 1-12; Bellows Free Academy: Fairfax, Vermont

A4. 1977 - 1978: Head Start Teacher; Cortland County Head Start: Cortland, New York

### III. Professional Memberships

- A. Honorary lifetime member of the Golden Key International Honour Society
- B. Mathematical Association of America
- C. National Council of Teachers of Mathematics
- D. Kappa Delta Pi
- E. New England Association of Educational Opportunity Program Personnel
- F. Vermont Educational Opportunity Program Personnel

### IV. Publications, Significant Papers, Presentations, and Grants

- A. Online *Mathematics Review of Algebra and Trigonometry for Post-Baccalaureate/Pre-Medical Students*; University of Vermont, Summer 2015
- B. Invited speaker at University of Vermont's Mortar Board Initiation Ceremony, Spring 2015
- C. Invited speaker at University of Vermont's Chapter of Golden Key International Honour Society, Spring 2015
- D. Wrote examinations for *Honors Trigonometry* for The Center for Talented Youth at Johns Hopkins University, Summer 2014
- E. Live/Online *Mathematics Review of Algebra and Trigonometry for Post-Baccalaureate/Pre-Medical Students*; University of Vermont; Winter 2013/2014
- F. Quoted in Deputy Editor Mary Lord's *Hands –On Mathem+ics*, September 2012; PRISM
- G. Collaborated on a book of SAT review; American BookWorks Corporation; Spring/Summer/Fall 2011
- H. *GRE/GMAT Math Review*, September 2011; Peterson's Guide; Authored, Fall 2010
- I. *AP Calculus AB & BC Crash Course*, 2011; Research & Education Association; Co-Authored with Flavia Banu, Summer 2010
- J. *ASVAB Cram Plan*, 2011; CliffNotes; Collaborated, Spring 2010
- K. *Fundamentals of Calculus II*, Live/Online Course; University of Vermont; Summer 2005
- L. Collaborated on a book of review information and practice questions for the TExES EC-4 Generalist Examination, (Texas licensing examination for elementary school teachers); Cliff Notes, (a division of John Wiley); May 2005
- M. Collaborated on a book of review tests for AIMS, (Arizona's Instrument to Measure Standards); American BookWorks Corporation; April 2005
- N. *Building a Foundation for Mathematical Learning in Math 18*, Instructional Incentive Grant; University of Vermont; Summer 2004
- O. *Fundamentals of Calculus I*, Live/Online Course; University of Vermont; Summer 2004
- P. *Algebra Brush-Up*, Designed and Taped at the University of Vermont; Spring 2002
- Q. *Pre-Calculus*, Online Course; University of Vermont; Summer 2001
- R. *GMAT CAT Success*; Peterson's Guide; 2000
- S. *AP Success: Calculus AB/BC, 2001*; Peterson's Guide; Co-Authored with Joan Van Galbek and Lalit A. Ahuja, November 2000
- T. Review Module for University of Vermont's Calculus I and Calculus II students; Summer 2000
- U. CD-Rom for Orientation of New Students in College of Engineering and Mathematics at the University of Vermont; Summer 2000
- V. *GRE CAT Success*; Peterson's Guide; 1999
- W. *Advanced Placement Calculus AB Course Package*; Designed for High School Students Around Vermont; Summer 1998
- X. *Fire Department Team Work*; Essex Town Fire Department; Spring 1997 and Fall 1998
- Y. *Tutoring Mathematics to College Students, Both Traditional and Non-Traditional*; Presentation at Vermont Educational Opportunity Program Personnel's Tutor Training Day; October 1992
- Z. *Mathematics and Algebra Review Seminar*; Presentations for IBM in Essex Junction, Vermont; Spring 1990, Summer 1992, and Fall 1992
- A1. *Building Math Confidence*; Presentation for Community College of Vermont Students; Spring 1989, Spring 1990, and Fall 1990
- A2. *Preventing Math Anxiety*; Master's Presentation; Summer 1981
- A3. *Math Readiness Curriculum*; Independent Study Project for Use in Creative Classrooms; Spring 1981

### V. Honors

- A. 2018 University of Vermont Inaugural Faculty Advising Award

- B. University of Vermont Fraternity and Sorority Community 2017 Faculty/Staff Advisor of the Year
- C. Inaugural recipient of the Outstanding Faculty Advisor Award given in the College of Engineering and Mathematical Sciences at the University of Vermont
- D. Spring 2015 recipient of Honorary Lifetime Membership into Golden Key International Honour Society
- E. Spring 2011 recipient of first ever Supportive Academic Staff Award, presented at STAR Reception
- F. April 2006 University of Vermont Student Government Association's Professor of the Month from the College of Engineering and Mathematical Sciences
- G. Nominee for Kroepsch-Maurice Teaching Award each year since 2004 - 2005, (Since no one can win more than once, my nomination was pulled.)
- H. Nominee for 2003 - 2004 Carnegie Foundation for the Advancement of Teaching/Council for Advancement and Support of Education United States Professor of the Year
- I. Nominee for Outstanding Advisor Award, through University of Vermont's Department of Student Life
- J. Nominee for 2001 Carnegie Foundation for the Advancement of Teaching/Council for Advancement and Support of Education United States Professor of the Year
- K. Nominee for 2000 Carnegie Foundation for the Advancement of Teaching/Council for Advancement and Support of Education United States Professor of the Year
- L. 1999 Kroepsch-Maurice Teaching Award Recipient
- M. Nominee for 1997 - 1998 Kroepsch-Maurice Teaching Award
- N. Graduated Magna Cum Laude, SUNY Cortland
- O. Dean's List, SUNY Cortland
- P. Kappa Delta Pi, President 1977 - 1978

#### VI. Professional Development

- A. Completed "Teaching Effectively Online" Hybrid Training
- B. Administration Course Work at Saint Michael's College
- C. Supervisory Skills I and II Certification

#### VII. Advising

- A. Consultant for Sig Ep Fraternity, summer 2018 to present
- B. Academic/Judicial Advisor for University of Vermont Chapter of Phi Mu Delta Fraternity, spring 2017 to present
- C. Faculty Advisor for University of Vermont Chapter of Kappa Alpha Theta Sorority, spring 2017 to present
- D. Advisor for University of Vermont Chapter of Golden Key International Honour Society, summer 2016 to present
- E. Advisor of University of Vermont MATH/STAT Peer Mentoring Program, spring 2016 to present
- F. Academic Advisor for University of Vermont Chapter of Alpha Gamma Rho Fraternity, spring 2016 to fall 2017
- G. Advisor of University of Vermont Equestrian Team, fall 2015 to present
- H. Advisor of University of Vermont Women's Soccer Club, fall 2015 to present
- I. Advisor for University of Vermont Colony/Chapter of Delta Upsilon Fraternity, fall 2015 to present
- J. Advisor of the University of Vermont College of Engineering and Mathematical Sciences Peer Mentoring Program, fall 2014 to present
- K. Advisor of the University of Vermont Roller Hockey Club, fall 2010 to present
- L. Advisor of University of Vermont Living/Learning Engineering Suite, fall 2010 to spring 2012