

JESSICA SCHMALE



Mathematics Department
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Education

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|------|--|--|
| 2004 | Master of Science in Mathematics <ul style="list-style-type: none">› Master Thesis: Galois Theory and Number Theory› Advisor: Dr. Wayne Aitken | California State University San Marcos |
| 2001 | Bachelor of Science in Mathematics <ul style="list-style-type: none">› Minor in Business Administration› <i>Magna Cum Laude</i> | California State University San Marcos |

Experience

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|----------------|----------------------------|---------------|
| 2019 – present | Senior Instructor | Virginia Tech |
| 2012 – 2019 | Advanced Instructor | |
| 2006 – 2012 | Instructor | |

Instruction

- › Introduction to Proofs
- › Differential, Integral and Multivariable Calculus
- › Applied Complex Variables

Mentoring & Advising

- › GTA Mentor
- › New Faculty Mentor
- › Academic advisor to Math Education majors

Curriculum Development

- › VT Math Emporium Question & Assessment Coordinator
- › VT Trigonometry Module co-Developer
- › Calculus Placement Test Developer
- › Course redesign project team member:
 - Geometry of Mathematics & Design, Calculus for the Life Sciences,
 - Pre-calculus & Trigonometry, Calculus for Business Majors

Committee Work & Administrative Duties

- › Calculus Placement Coordinator
- › VT Trigonometry Module co-Coordinator
- › Assessment Committee Chair
- › GTA Mentoring Committee member
- › GTA Teaching Certification Committee member
- › New Faculty Mentoring Committee member
- › Instructor Executive Committee member
- › College of Science Instructor Promotion Committee member
- › Common Time Exam Committee member

- › Differential Calculus Course Coordinator (40 sections, 30 instructors, 1300 students)
- › Integral Calculus Course Coordinator (30 sections, 20 instructors, 1300 students)
- › Registration Committee member
- › Private Tutoring Referrals Coordinator

2005

Adjunct Faculty

Tompkins Cortland Community College

Instruction

- › College Algebra

2002 – 2004

Graduate Teaching Assistant

California State University San Marcos

Instruction

- › Pre-calculus & Trigonometry
- › Calculus for Business Majors

2001

Assistant Actuary

Farmers Insurance Group

- › Performed actuarial analysis and coordinated recommendations for revisions in rates and rating plans for homeowners insurance.

Technical Skills & Online Teaching Platforms

- › *Mathematica*[®], L^AT_EX, Microsoft Excel, Canvas

Awards & Honors

- › Wolfram Innovator Award, 2021
- › Promotion to Senior Instructor, 2019
- › Mathematics Department Instructor of the Year, 2018
- › Finalist, University Sporn Award for Teaching Introductory Subjects, 2015
- › Promotion to Advanced Instructor, 2012
- › CIDER Thank a Teacher, 2012
- › Favorite Faculty Award, 2011, 2014
- › Excellence in Inclusion Award, 2011