

Jessica StClair, Ph.D

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Education:

- **Ph.D, Mathematics**, Virginia Tech, 2011
Dissertation: *Geometry of Spaces of Planar Quadrilaterals*
- **M.S., Mathematics**, Virginia Tech, 2007
- **B.A., Mathematics**, McDaniel College, 2005

Experience:

August 2018-present: Mathematics Instructor, Virginia Tech

- Fall 2018 semester: taught 3 sections of Intro Diff Equations and 1 section of Intro Linear Algebra.
- Spring 2019 semester: taught 2 sections of Intro Diff Equations and 2 sections of Intro Linear Algebra.

June 2011-August 2018: Career break for maternity leave

- An extended period of maternity leave to raise three daughters until the youngest was past infancy.

June 2010-May 2011: Senior Graduate Teaching Assistant

- Supported other graduate teaching assistants by developing seminars to address a variety of problems or topics new teachers might find useful.
- Mentored a first year graduate teacher as he completed his teaching certification.

August 2005-May 2011: Graduate Teaching Assistant

- Taught calculus to both engineering and life science students, including developing lesson plans and writing exams.
- Courses taught as the sole instructor:
 - Calculus I (three semesters)
 - Vector Geometry (one semester)
 - Elementary Calculus with Trig II (five semesters)
- Developed common-time exams with teams of instructors.
- Tutored students in all courses supported at the Math Emporium.