

# JENNIFER S. CROOKS MONASTRA

Office of Program Evaluation  
Wardlaw College of Education  
Office 027  
Columbia, SC 29208  
[crooks@mailbox.sc.edu](mailto:crooks@mailbox.sc.edu)  
(803) 777-9918

## Education

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- Master of Mathematics  
University of South Carolina, 2001
- Bachelor of Arts, Mathematics  
Malone College, 1999

## Employment History

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Office of Program Evaluation Research Assistant	University of South Carolina	2015-present
Opportunity Scholars Program Mathematics Instructor	University of South Carolina	2005-present
<ul style="list-style-type: none"><li>• Taught mathematics courses for first generation, low income college students</li><li>• Began math studio program for student lead study sessions</li></ul>		
McNair GRE Tutor	University of South Carolina	Summers 2010-2016
<ul style="list-style-type: none"><li>• Assist McNair students with preparing for mathematics portion of the GRE</li></ul>		
Adjunct Mathematics Instructor	University of South Carolina	Fall 2005-2008, 2012, 2014
<ul style="list-style-type: none"><li>• Taught Math 111, Math 122, Math 221, Math 222</li><li>• Member of the Mathematics Education Committee</li><li>• Member of Math 111 and Math 122 Textbook Selection Committees</li></ul>		
Supervisor for student interns	University of South Carolina	Fall 2012
<ul style="list-style-type: none"><li>• Supervised 2 students during internship A</li></ul>		
AP Calculus AB Exam Reader	ETS	Summer 2011
Adjunct Mathematics Instructor	Midlands Technical College	Summer 2005
<ul style="list-style-type: none"><li>• Taught Math 130 Elementary Calculus</li></ul>		
Mathematics Teacher	White Knoll High School	2001-2005
<ul style="list-style-type: none"><li>• Coached math team</li><li>• Taught Calculus AB for four years and Calculus BC for one year</li></ul>		

- Taught courses Calculus CP, Pre Calculus CP, Math Tech I & II, SAT prep

Graduate Teaching Assistant                      University of South Carolina                      1999-2001

Upward Bound Instructor                      University of South Carolina                      Summer 2001

#### Courses Taught at University of South Carolina

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- Math 111 Basic College Mathematics (14 sections)
- Math 115 Precalculus Mathematics (1 section)
- Math 122 Calculus for Business and Social Sciences (14 sections)
- Math 141 Calculus 1 (2 sections)
- Math 152 Workshop for Calculus II (1 time)
- Math 170 Finite Mathematics (2 sections)
- Math 221 Math Concepts for Elementary Teachers I (2 sections)
- Math 222 Math Concepts for Elementary Teachers II (3 sections)

#### Certifications

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- Teaching Certification, Secondary Mathematics in Ohio and South Carolina
- AP Calculus AB Certification in North Carolina and South Carolina

#### Areas of Interests

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- Mathematics curriculum for secondary and post-secondary education
- Secondary mathematics factors influencing mathematical college-readiness
- Secondary mathematics pre-service teacher preparation and program effectiveness
- Effects of poverty on student learning

#### Publications

- Monastra, J. (2014). The Pen Pal Journal Project. *The MathMate*, 36(1), 9-14.

#### Conference Presentations

- Monastra, J. & Geddings, D. (2016, October). *Becoming a reflective practioner through co-teaching*. North Carolina Council of Teachers of Mathematics (NCCTM), Greensboro, NC.

- Monastra, J. & Yee, S. (2016, November). *Math is not a Race: From High School Drop-out to Mathematics Doctoral Student*. South Carolina Council of Teachers of Mathematics (SCCTM), Greenville, SC.