

Joseph D. Daws Jr.

CONTACT INFORMATION	Department of Mathematics University of Tennessee 1403 Circle Drive Knoxville, Tennessee, 37996-1320	Department: (865) 974-2461 jdaws@tennessee.edu Cell: (615) 971-9683
RESEARCH INTERESTS	Numerical Analysis, Approximation Theory, Optimization, Image Processing and Machine Learning.	
EDUCATION	University of Tennessee at Knoxville M.S. in Mathematics, Fall 2016 B.A. in Mathematics, Spring 2013	
WORK EXPERIENCE	Spring 2017 - Present Spring 2014 - Fall 2016 Fall 2009 - Summer 2013	Graduate Research Assistant, Department of Mathematics Graduate Teaching Associate, Department of Mathematics Mathematics Tutor at The Thornton Center for Student Athletes
PAPERS WRITTEN	N. Brodskiy and J. Daws, <i>A Fundamental Theorem of Multivariable Calculus</i> , submitted to American Mathematical Monthly (May 2013).	
CONFERENCE TALKS	<i>Compressed sensing for image reconstruction using hierarchical wavelets</i> , IMI: 9 th Mini-conference in Computational Mathematics. (February 2018) <i>A Fundamental Theorem of Multivariable Calculus</i> , 33 rd Annual Mathematics Symposium at Western Kentucky University. (November 2013)	
TEACHING EXPERIENCE	Spring 2014 2014 - 2015 Spring 2015 2015 - 2016	Recitation Leader, Basic Calculus Lecturer, Mathematical Reasoning Grader, Ordinary Differential Equations Lecturer, Statistical Reasoning
HONORS AND AWARDS	Winter 2018 Summer 2016 Since 2013	Travel Award IMI: 9 th Annual Graduate Student Mini-conference in Computational Mathematics Advanced Short-Term Research Opportunity (ASTRO) at Oak Ridge National Lab Member of Phi Beta Kappa Honor Society
GRADUATE COURSEWORK	<input type="checkbox"/> Real Analysis <input type="checkbox"/> Complex Analysis <input type="checkbox"/> Optimization <input type="checkbox"/> Linear Algebra <input type="checkbox"/> Partial Differential Equations	<input type="checkbox"/> Scientific Computing <input type="checkbox"/> Parallel Programming <input type="checkbox"/> Probability/Limit Theorems <input type="checkbox"/> Fourier Analysis <input type="checkbox"/> Combinatorics
RELEVANT SKILLS	Coding: Software:	C, C++, Matlab, Python, OpenMP, MPI, BLAS L ^A T _E X, Microsoft Office Suite