	Natural Sciences and Mathematics Stockton University 101 Vera King Farris Dr. Galloway, NJ 08205	(609)-626-6860 Office: B009a Bradley.Forrest@Stockton.edu	
Employment	Associate Professor of Mathematics Stockton University	September 2014 - Present	
	Assistant Professor of Mathematics The Richard Stockton College of New Jersey	September 2009 - August 2014	
	Visiting Lecturer Cornell University	September 2008 - August 2009	
	Teaching Assistant Cornell University	August 2002 - August 2008	
Education	Ph. D. Mathematics, Cornell University May 2009 Dissertation: Degree Subcomplexes in Auter Space and Ribbon Graph Complexes Advisor: Dr. Karen Vogtmann		
	M.S. Mathematics, Cornell University	May 2005	
	B.S. Mathematics and Physics, Harvey Mudd College May 2002 Graduated with High Distinction and Honors in Mathematics		
Publications	J. Belk and B. Forrest, A Thompson Group for the Basilica. Groups, Geometry, and Dynamics, 9, no. 4 (2015), 975-1000.		
	B. Forrest, A Degree Theorem for the Space of Ribbon Graphs. Topology Proceedings, 45 (2015) 31-51.		
	B. Forrest, P. Kosick, J. Vogel and C. Wu, <i>Mathematical Achievement of High School Students Through Community Partnership: A Red Balloon Initiative</i> . Teacher-Scholar: The Journal of the State Comprehensive University, 4, no. 1 (2012) 29-38.		
	B. Forrest, P. Kosick, J. Vogel and C. Wu, <i>Increasing Math Proficiency in High School Teaching: A Model for a College and Community Partnership.</i> The Journal of Public Scholarship in Higher Education, 2 (2012) 47-71.		
	H. Armstrong, B. Forrest, and K. Vogtmann, A Presentation for $Aut(F_n)$. Journal of Group Theory, 11 (2008) 267-276.		
	T.D. Donnelly, J. Hogan, A. Mugler, N. Schommer, M. Schubmehl, A.J. Bernoff, and B. Forrest, An Experimental Study of Micron-scale Droplet Aerosols Produced via Ultrasonic Atomization. Physics of Fluids, 16 (2004) 2843-2851.		
Accepted	B. Forrest and K. Teehan, <i>The Topology of Knight's Tours on Surfaces</i> , to appear in the Minnesota Journal of Undergraduate Mathematics.		

	J. Belk and B. Forrest, <i>Rearrangement Groups of Fractals</i> , to appear in Transactions of the American Mathematical Society.
Funded Grants	Stockton Coastal Collaborative in Mathematics. 2013-2015. Mathematics and Sciences Partnerships (MSP) project, Department of Education, New Jersey. #13-MS10-G07. Funded for \$906,750.
	B. Forrest, Academic Support for E-Learning (ASE). Awarded Fall 2013.
	B. Forrest <i>Fellowhsip for Distinguished Students</i> . Advisor for 8 student projects. Fall 2011 to Present. \$7250.
	B. Forrest, P. Kosick, and C. Wu, <i>High School Math Workshop</i> . Submitted for a Stockton Research and Professional Development grant in January 2011. Funded for \$7500.
Research Presentations	 The Topology of Knight's Tours Columbus, OH (joint work with Kara Teehan) Mathematical Association of America Math Fest, Contributed Session on Recreational Mathematics: Puzzles, Card Tricks, Games, Gambling, and Sports August 2016
	 Rearrangements of Fractals and CAT(0) Cube Complexes Rutgers University (joint work with James Belk) American Mathematical Society, Eastern Sectional Meeting, Special Session on Applications of CAT(0) Cube Complexes
	 A Math Partnership Program: Redefining the Role of Higher Education Washington D.C. (co-presented with Judith Vogel and Chia-Lin Wu) American Association of University Professors, Annual Conference on the State of Higher Education
	 Mathematics Partnership Program - A Red Balloon Initiative Point Clear, AL (co-presented with Dennis Weiss and Judith Vogel) American Association of State Colleges and Universities, Winter Academic Affairs Meeting February 2013
	 A Thompson Group for the Basilica Cornell University Topology and Geometric Group Theory Seminar November 2012
	 P-adic and Universal Hyperbolic Solenoids Cornell University American Mathematical Society, Eastern Sectional Meeting, Special Session on Geometric and Algebraic Topology September 2011

	 Degree Subcomplexes of Auter Space University of Wisconsin - Stout Mathematics Seminar 	March 2009
	• New York University American Mathematical Society, Eastern Sectional Meeting, Geometric Topology	Special Session on March 2008
	• Binghamton University Geometry and Topology Seminar	February 2008
	• Middle Tennessee State University Department of Mathematical Sciences Seminar	January 2008
	• Cornell University Topology and Geometric Group Theory Seminar	September 2007
Undergraduate Presentations	Dixit in Geometry for Teachers • Stockton University Day of Scholarship	April 2016
	How to be a MastermindStockton UniversityPi Mu Epsilon Induction	February 2016
	• The Richard Stockton College of New Jersey Physics Seminar	October 2014
	• The Richard Stockton College of New Jersey Mathematics Seminar	September 2014
	A Thompson Group for the BasilicaThe Richard Stockton College of New Jersey Mathematics Seminar	October 2012
	 Graphs and Geometry The Richard Stockton College of New Jersey Physics Seminar Mathematics Seminar 	September 2011 October 2009
	 Yes-No Voting Systems The Richard Stockton College of New Jersey Physics Seminar Mathematics Seminar 	February 2011 March 2010
	• Bard College Mathematics, Computer Science and Physics Seminar	April 2010

High School Presentations College? STEM? Why?

• Middletown North and South High Schools STEM Pathway

May 2017

Yes-No Voting Systems

- Absegami High School
 - Professional Development

 ${\it Ocother}~2013$