

PROFILE

Dedicated to my mission of developing students' critical thinking skills and fostering creativity by creating a classroom environment that is built upon student-centered, collaborative, and experiential learning of contextualized material to prepare students to be competitive job candidates as well as responsible global citizens. Extensive experience and proven success working with low-income, international, and ESL students; thrives in multicultural settings. Core competencies include technology-embedded curriculum, student advisement, curriculum and course development and design, interdisciplinary learning and job readiness for students through transferrable skills, and student collaboration-based pedagogy. Shows excellent leadership and management skills when working interdepartmentally on initiatives that require highly adaptable communication and organizational skills. Dedicated to the development of communication skills, confidence, self-sufficiency, and academic ability of students.

EDUCATION

Doctor of Education, Higher Education (current doctoral student) Expected 2020
Northeastern University, Boston, MA

Area of Research: Developing pedagogical strategies that address the systemic and institutional challenges faced by students experiencing extreme poverty, specific to urban community college mathematics students, with the central goal of preventing these challenges from manifesting rather than addressing them

Master of Science, Applied Mathematics, *cum laude* 2007
California State University (San Diego State University), San Diego, CA

Area of Research: Communications Systems, Coding Theory and Cryptography
Thesis: A Construction and Analysis of Convolutional Low-Density Parity Check Codes

Bachelor of Science, Mathematics (Physics Minor) 2004
University of Louisville, Louisville, KY

Additional Coursework, Education

Florida Atlantic University, Davie, Florida 2012

- Classroom Instructional Assessment Strategies
- Teaching Secondary School Mathematics
- Content Reading for Secondary School

Northeastern University, Boston, Massachusetts 2017

- Leadership Theory and Research
- Learning and Human Development
- Social Justice and Educational Equity

PROFESSIONAL EXPERIENCE

Bunker Hill Community College
Assistant Professor, Mathematics
Adjunct Professor, Mathematics

Boston, MA
Spring 2012 – Spring 2014
Summer 2014 – Present

Courses Taught: Foundations of Mathematics (MAT-093), Foundations of Algebra (MAT-097), Intermediate Algebra (MAT-099), Statistics (MAT-181), Statistics/Lab (MAT-183), College Algebra (MAT-194), Precalculus (MAT-197)

- Organized, promoted and facilitated six workshops for developmental math students focused on study skills and test preparation
- Held targeted weekly review sessions open to BHCC students taking developmental math and Statistics
- Designed and led five experiential learning field trips for students that incorporated hands on data collection and analysis-based projects to the NE Aquarium and the Museum of Science, supported by the BHCC Division of Humanities and Learning Communities
- Secured over \$4000 of **no-cost** MyMathLab access codes from Pearson Publishing for use by developmental mathematics students experiencing financial hardships
- Supported the shift to a learner-centered philosophy by sharing best practices and teaching materials such as worksheets, lecture notes, solution keys, and Camtasia videos with the BHCC developmental math community and by mentoring a number of adjunct faculty
- Actively used the Digication E-portfolio tool to facilitate access to and disseminate materials for both students and other math instructors; site has received over 24,000 hits since its inception in the Summer 2013 semester (see www.bhcc.digication.com/professor_g)
- Advocated for incorporating multiple statistical analysis tools and exposure to programming in the newly redesigned Statistics course as a member of the course redesign committee
- Served on the SLOAP committee in Spring 2014 semester
- Served as BHCC student Math Club faculty advisor in Spring 2014 semester
- Participated in the following professional development workshops:
 - *Strategies on implementing projects in the classroom*
 - *Strategies on effective use of E-portfolios for the project*
 - *Expanding the developmental math transformation at Bunker Hill*
 - *Dev Math professional development workshop*
 - *An introduction to BHCC learning communities*
 - *Learning from one another in the classroom*

Lesley University
Visiting Assistant Professor, Mathematics
Adjunct Professor, Mathematics

Cambridge, MA
2017-2018
2014-2017, 2018-Present

Courses Taught: Discrete Mathematics, Number Theory, Patterns and Functions, Quantitative Reasoning, Quantitative Reasoning Lab, Problem Solving, Statistics

- Attended all departmental and divisional meetings
- Pilot participant, student advisor and faculty leader of the SI (Supplemental Instructor) program built to mentor students interested in becoming educators
- Pilot participant in the implementation of using the ALEKS platform for all Quantitative Reasoning classes
- Faculty participant in the joint Lesley University – Bunker Hill Community College Learning Initiative
- Advise adjunct faculty on the adoption and implementation of various digital teaching platforms
- Advise and support student course assistants to offer supplemental help to online students

Broward College	Broward, FL
Assistant Professor, Mathematics, College Academy @ Broward College	2010 – 2013
Adjunct Professor, Mathematics, Mathematics Department	2009 – 2013
<i>Courses Taught: Calculus I, II & III, Discrete Mathematics, Linear Algebra, Precalculus, Trigonometry, Statistics, College Algebra, Intermediate Algebra, Liberal Arts Mathematics I & II, Calculus for Business and Economics</i>	
<ul style="list-style-type: none"> • Recipient of the College Academy Teacher of the Year Award in 2011 • Finalist for Broward College Adjunct Professor of the Year Award in 2010 and 2012 • Created and led the “Healthy Body/Healthy Mind” initiative, an organization to encourage the development of healthy living styles for students • Served on the ALEKS Calculus-readiness pilot committee • Developed a two-week self-paced calculus readiness course on ALEKS consisting of topics from algebra, precalculus, and trigonometry • Developed and led two professional development workshops on integrating technology into classroom instruction • Served on the Technology Integration Committee at the College Academy 	

ADDITIONAL TEACHING EXPERIENCE

Northeastern University	Boston, MA
Lecturer, Mathematics and Economics	2014 – Present
<i>Courses Taught: Calculus I, Calculus II, Calculus III, Intensive Statistics (6-credit), Statistics I, Business Statistics, Statistics for Behavioral and Social Scientists, College Algebra, Quantitative Reasoning, Technology and Applications of Discrete Mathematics</i>	
University of Massachusetts	Boston, MA
Associate Lecturer, Mathematics	2015
<i>Courses Taught: Quantitative Reasoning</i>	
Nova Southeastern University	Davie, FL
Adjunct Professor, Mathematics	2012
<i>Courses Taught: Applied Calculus</i>	
Cuyamaca College	El Cajon, CA
Adjunct Professor, Mathematics	2005 – 2007
<i>Courses Taught: Precalculus, College Algebra, Developmental Mathematics</i>	
Southwestern College	Chula Vista, CA
Adjunct Professor, Mathematics	2005 – 2006
<i>Courses Taught: Precalculus, College Algebra, Developmental Mathematics, Finite Mathematics</i>	
San Diego State University	San Diego, CA
Instructor/Graduate Student, Mathematics	2004 – 2007
<i>Courses Taught: Precalculus, Calculus I</i>	

University of Louisville

Supplemental Instructor, Physics

Tutor, Mathematics and Physics

Louisville, KY

2002 – 2004

2001 – 2004

TECHNICAL KNOWLEDGE

- Excellent working knowledge of Windows, Mac and Android OS and Microsoft Office Suite
- Proficient in Blackboard, WebAssign, ALEKS, Connect, ConnectMath, and MyMathLab educational course management systems
- Incorporates multiple data-analysis tools in statistics instruction (StatCrunch, Spotfire, R, Excel, TI graphing calculators)
- Extensive and comprehensive use of Microsoft Excel for teaching statistics
- Experience utilizing multiple technological platforms to enhance instruction and communication with students (Camtasia, Kaltura Media Server, Youtube.com, digication.com, 3D graphing platforms, etc.)

VOLUNTEER EXPERIENCE

BHCC Single Stop/Greater Boston Food Bank, Boston, MA	2016 – Present
Somerville Public Schools Serve and Inspire, Somerville, MA	2017
Horizons for Homeless Children, Boston, MA	2014 – 2016
Healthy Body/Healthy Mind Initiative, Broward FL	2010 – 2012
San Diego Rescue Mission	2007
Hi Phi Phi Infrastructure Redevelopment Initiative, Koh Phi Phi, Thailand	2005
Friends for All Orphanage, Nong Khai, Thailand	2005
Veterans Association, Louisville, KY	2001 – 2002
EMW Women's Center, Louisville, KY	1999 – 2003