

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.

EDUCATION

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

Area of Research: Developing pedagogical strategies and administrative frameworks that prevent, rather than address, socioeconomically-motivated challenges faced by students living in extreme poverty, specific to the area of developmental mathematics in an urban community-college setting.

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 2012
Florida Atlantic University, Davie, Florida

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

PROFESSIONAL EXPERIENCE

Bunker Hill Community College Boston, MA
Assistant Professor, Mathematics Spring 2012 – Spring 2014
Adjunct Professor, Mathematics 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, 2/2013*
 - *Strategies on effective use of E-portfolios for the project, 2/2013*
 - *Expanding the developmental math transformation at Bunker Hill, 4/2013*
 - *Dev Math professional development workshop, 4/2013*
 - *An introduction to BHCC learning communities, 9/2013*
 - *Learning from one another in the classroom, 2/2014*

Lesley University

Cambridge, MA

Assistant Professor, Mathematics

2017-2018

Adjunct Professor, Mathematics

2014-2017

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

- 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

Broward College

Broward, FL

Assistant Professor, Mathematics, College Academy @ Broward College

2010 – 2013

Adjunct Professor, Mathematics, Mathematics Department

2009 – 2013

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

- 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 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

Lecturer, Mathematics and Economics

Boston, MA
2014 – Present

Courses Taught: Intensive Statistics (6-credit), Statistics I, Business Statistics, Statistics for Behavioral Scientists, College Algebra, Technology and Applications of Discrete Mathematics

University of Massachusetts

Associate Lecturer, Mathematics

Boston, MA
2015

Courses Taught: Quantitative Reasoning

Nova Southeastern University

Adjunct Professor, Mathematics

Davie, FL
2012

Courses Taught: Applied Calculus

Cuyamaca College

Adjunct Professor, Mathematics

El Cajon, CA
2005 – 2007

Courses Taught: Precalculus, College Algebra, Developmental Mathematics

Southwestern College

Adjunct Professor, Mathematics

Chula Vista, CA
2005 – 2006

Courses Taught: Precalculus, College Algebra, Developmental Mathematics, Finite Mathematics

San Diego State University

Instructor/Graduate Student, Mathematics

San Diego, CA
2004 – 2007

Courses Taught: Precalculus, Calculus I

University of Louisville

Supplemental Instructor, Physics

Louisville, KY
2002 – 2004

Tutor, Mathematics and Physics

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

Somerville Public Schools Serve and Inspire, Somerville, MA	2017 – Present
BHCC Single Stop/Greater Boston Food Bank, Boston, MA	2017 – Present
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