

CURRICULUM VITAE

Kenneth Keating
Lecturer of Mathematics
January 13, 2017

GENERAL INFORMATION

Kennesaw State University
 Department of Mathematics
 1100 South Marietta Pkwy, MD #9085
 Marietta, GA 30060
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EDUCATION

2004-2008	M.S., Emory University, Computer Science
2002-2004	M.S., Georgia State University, Mathematics
1989-1993	B.S., Penn State University, Mathematics, minor in Computer Science

PROFESSIONAL EXPERIENCE

8/2011 – present	Department of Mathematics, Kennesaw State University, Lecturer
8/2010 – 7/2011	Department of Mathematics, Kennesaw State University, Limited Term Faculty
8/2007 – 7/2010	Department of Mathematics, Kennesaw State University, Adjunct Faculty
8/2005 – 5/2007	Department of Mathematics and Computer Science, Emory University, Graduate Instructor
8/2004 – 5/2005	Department of Mathematics and Computer Science, Emory University, Teaching Assistant

TEACHING, SUPERVISION, & MENTORING

COURSES TAUGHT AT KENNESAW STATE UNIVERSITY

1. Math 1111, College Algebra, taught 5 times
2. Math 1112, College Trigonometry, taught 1 time
3. Math 1113, Precalculus, taught 1 time
4. Math 1190, Calculus I, taught 28 times (including 5 times online)
5. Math 2202, Calculus II, taught 6 times
6. Math 3272, Introduction to Linear Programming, taught 1 time

STUDENT SUPERVISION AT KSU

Research Supervision:

1. James Eubanks, 8/2013-5/2014

PROFESSIONAL SERVICE RELATED TO TEACHING, SUPERVISION, & MENTORING

University:

1. Gateway to Completion (G2C), Spring 2016 – present, Chair Math 1111 subcommittee and member of overall steering committee. Responsible for planning and tracking pedagogical changes to select sections of Math 1111 intended to increase student learning and success.

College:

1. Student Success Initiative Faculty Learning Community (SSI FLC), Spring 2016 – present, member. Responsible for implementing pedagogical changes to my sections of Math 1190 intended to increase student learning and success.

Department:

1. Learning Assistant Coordinator, Fall 2014 – present, coordinator. Responsible for recruiting faculty involvement, hiring/firing and training students and approving timecards.
2. Online Math 1190, Fall 2014 – present, developer and teacher. Certified to teach online courses in Fall 2014; developed online version of Math 1190, approved in Spring 2015, subsequently began teaching that approved course
3. Undergraduate Mathematics Competition Mentor, Fall 2011 – Spring 2013, mentor. Responsible for helping students prepare to compete in the Virginia Tech Regional Mathematics Contest (VTRMC) and the William Lowell Putnam Mathematical Competition.

PROFESSIONAL SERVICE OTHER

Department:

1. Search Committee, Spring 2016, member. Responsible for reviewing and interviewing applicants to a position of Lecturer of Mathematics, make hiring recommendations.
2. Webmaster, Fall 2011 – Spring 2016, webmaster. Responsible for maintaining and developing all web content for the official department pages.
3. Miscellaneous Activities, 8/2011 – present, volunteer and attendee. Responsible for
 - Math Study Nights: event setup and cleanup, helped students in GenEd classes prepare for final exams/midterms
 - Kennesaw Women In Math (KWIM): event setup and cleanup, technical support
 - Seminars: event setup and cleanup, technical support, encouraged student participation
 - Analysis and Applied Math (AAM)
 - Discrete Math Seminar (DMS)
 - Infinite Horizons Lecture Series (IHLS)
 - Math Talks
 - Math Nights

Other institutional service:

1. Kennesaw Mountain Undergraduate Mathematics Conference (KMUMC), Fall 2011 – Spring 2016, co-chair. Responsible for all aspects of the conference (depending on the year) except inviting featured speakers.
2. KSU Mathematics Competition, Fall 2010 – Spring 2016, proofreader and grader. Responsible for proofreading questions for Part 1 and Part 2 and grading student responses for Part 2.
3. KSU Math Circles Summer Camp, Summer 2012 – Summer 2015, project leader. Responsible for guiding high school students through learning about and creating a presentation on a topic in mathematics outside of their normal classroom material.
4. Georgia Scientific Computing (GSC) Symposium, Fall 2013 – Spring 2014, co-chair. Responsible for most aspects of the conference except inviting featured speakers.
5. Southeastern-Atlantic Regional Conference on Differential Equations (SEARCDE), Fall 2016 – Fall 2017, conference committee member. Primarily responsible for conference web pages, online registration, and other IT-related items.

PROFESSIONAL SERVICE TO THE PROFESSION**Service to Journal:**

1. Electronic Journal of Combinatorics, 6/2011, refereed one paper

SCHOLARSHIP OF TEACHING; RESEARCH AND CREATIVE ACTIVITY**PUBLICATIONS****Refereed Journal Articles:**

1. Chen, G., Hutchinson, J., Keating, K., Shen, J. *Characterization of $[1,k]$ -Bar Visibility Trees*, Electronic Journal of Combinatorics, 13, Research Paper 90 (2006).

PRESENTATIONS**Off Campus:**

1. *Trinity Matrices: Properties and Applications*, MAA-SE Section Meeting, Winthrop University, 3/2013, contributed session

On Campus:

1. *Introduction to Fractals and the Menger Sponge*, Math Talk Seminar, KSU, 9/2014
2. *A Brief Introduction to the Putnam Competition*, Math Talk Seminar, KSU, 10/2012
3. *Creating a Personal Web Page*, Math Talk Seminar, KSU, 10/2011
4. *Creating and Maintaining a Professional Webpage*, Graduate Seminar, Emory University, 2010

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

Mathematical Association of America (MAA)
 American Mathematical Society (AMS)

OTHER WORK EXPERIENCE

- 7/2007 – 8/2011 Emory University, Atlanta, GA, Senior Systems Administrator
Administered Unix, Linux, MacOS X, and Microsoft Windows servers
Other duties: webmaster, lab manager, support/train users
- 2/2004 – 8/2004 Accenture Technology Solutions, Atlanta, GA, Consultant
Full life cycle development and support for a telecommunications
company
Developer and Applications Integration Specialist
- 1/1994 – 2/2004 Computer Aid, Inc., Allentown, PA, Manager/Consultant
Full life cycle development and support for a telecommunications
company (Atlanta, GA)
Data Conversion Specialist for a cable company (Karlskoga, Sweden)
Full life cycle development and support for a cable company (Allentown,
PA)