

Michael T. Miller

■ millermt@hawaii.edu ■ 541.619.9617

EDUCATION:

Master of Science - Mathematics Education
Oregon State University, Corvallis, Oregon
August 1996

Bachelor of Science - Mathematics
Corban University, Salem, Oregon
May 1994

EXPERIENCE:

*July 2019-
Present*

Instructor of Mathematics
Kauai Community College, Lihue, Hawaii
*Taught Statistics and Probability at KCC's main campus
*Taught College Algebra and its corequisite at KCC's main campus
*Taught College Algebra at Kapaa and Kauai High Schools
*Taught Pre-Calculus at Waimea High School
*Served on Safety Committee

*August 1996-
July 2019*

Mathematics Department Chair
Corban University, Salem, Oregon
*Hired and supervised adjunct faculty members
*Made textbook decisions
*Advised most math and math education majors
*Was awarded grant for Mathematica software

*August 1994-
July 2019*

Instructor of Mathematics *August 1994-July 1997*
Assistant Professor of Mathematics *August 1997-July 2006*
Associate Professor of Mathematics *August 2007-July 2019*
Corban University, Salem, Oregon
*Taught the following courses:
*Ma 103 Contemporary Math *Ma 312 Theory of Numbers
*Ma 113 College Algebra *Ma 313 Higher Geometry
*Ma 223 Statistics and Probability *Ma 323 Linear Algebra
*Ma 233 Differential Calculus *Ma 333 Abstract Algebra
*Ma 243 Integral Calculus *Ma 363 Discrete Mathematics
*Ma 253 Seq., Series and Vector Calculus *Ma 403 Math Analysis
*Ma 262 Multivariable Calculus *Ma 463 Math History
*Designed courses, syllabi, examinations, homework, and course outlines
*Served on Teacher Education Committee
*Served on Science Wing Remodeling Committee

*January 2017-
May 2017*

Instructor of Mathematics
Kauai Community College, Lihue, Hawaii
*Taught two sections of Math115 Intro to Stats and Probability

*Taught two sections of Math140x Pre-Calculus

*January 2002-
March 2002*

Adjunct Mathematics Faculty

Chemeketa Community College, Salem, Oregon

*Taught one section of MTH111 College Algebra

*June 2001-
Present*

Reader or Table Leader for Advanced Placement Exams

Educational Testing Service

*Graded A.P. Calculus exams. 2001-2007, 2008-2014

*Graded A.P. Statistics exams. 2015-Present

PUBLICATIONS:

*June 2000-
Present*

Texas Instruments Calculator Programs

TICalc.org

*Posted various mathematical and gaming programs for TI graphing calculators.

*One of the top 400 most downloaded authors with over 76,000 downloads.

*November 2002-
Present*

Texas Instruments Calculator Manual

Linear Algebra by David C. Lay (top selling Linear Algebra textbook)

*Revised and rewrote the original TI Calculator manual supplement.

*Revised and rewrote the student study guide for the TI Calculator.

*Wrote new programs to be used for new models of TI calculators.

*Revised problem sets and technology upgrades through various editions.

January 2015

Hawaii International Conference on Education

Who's Your Favorite Mathematician?

*90 minute presentation on integrating history into the mathematics classroom.

*Looked at various proofs and applications throughout history.

*Encouraged teachers to tell stories of actual mathematicians in the classroom.

January 2016

Hawaii International Conference on Education

If You Think Math is Just a Tool...

*90 minute presentation on how mathematics is so much more than a tool.

*Focused on beautiful aspects of mathematics like the Pythagorean Theorem and π .

*Encouraged teachers to share their inspirations from math in the classroom.

January 2017

Hawaii International Conference on Education

A Modern Approach to Teaching Geometry: Teaching from a historical perspective.

*90 minute presentation on how mathematics is so much more than a tool.

*Observed places in Geometry where historical stories could be integrated.

*Encouraged teachers to allow time for historical stories to be told in the classroom.

January 2018

Hawaii International Conference on Education

It's Terminal: How your last math class in college doesn't have to be a death sentence.

*90 minute presentation on how mathematics is so much more than a tool.

*Discussed teaching strategies that can be used to make entry level classes better.

*Encouraged teachers to share their love of mathematics in the classroom.