



Gigi Thu Drent
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 Science and Math Division
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EDUCATION

California State University at Fullerton, CA
 M.A. in Mathematics with a Concentration in Teaching – 2002
 B.A. with CA Single Subject Credential in Mathematics & Minor in Business Administration – 1999

TEACHING EXPERIENCE

Associate Professor of Mathematics, August 2003 to present, Kauai Community College, Lihue, HI

- Taught a range of mathematics courses from Basic Math to Calculus as summarized in the table below.

Course Alpha/No.	Course Title	Course Credits	No. of Sections
MATH 21	Basic Math and PreAlgebra (open access)	4	1
MATH 22	PreAlgebra	3	7
MATH 24	Elementary Algebra I	3	9
MATH 25	Elementary Algebra II	3	13
MATH 26	Elementary Algebra	5	3
MATH 27	Intermediate Algebra	3	2
MATH 50H	Math for Culinary Students	3	1
MATH 75	Fundamentals of Mathematics	3	2
MATH 75X	Introduction to Mathematical Reasoning	4	1
MATH 100	Survey of Math	3	1
MATH 103	College Algebra	3	25
MATH 111/112	Math for Elementary Teachers I /II	3/3	2/2
MATH 135	PreCalculus I - Functions	3	8
MATH 140	PreCalculus: Trigonometry & Analytical Geometry	3	5
MATH 205	Calculus I	4	8
MATH 206	Calculus II	4	1

- Counseled students and assisted in campus related student activities. I created and advised Club Math, the most popular club on campus!
- Performed assessment of student learning outcomes at course, program, and institutional levels. This included curriculum revision and new course development in order to meet student needs, as well as restructuring the math pipeline and creating pathways to effectively address student retention and on-time graduation. I have written Annual Program Review Updates for the Liberal Arts program. Furthermore, I was Co-chair of Standard III in 2006 Accreditation, and Standard I in 2012.
- Developed and maintained an approved program of professional self-improvement. I was a newsletter editor for the Placement and Assessment Committee of the American Mathematics Association for Two-Year Colleges (AMATYC), and presented at the 2009 and 2017 annual

conferences. I organized a PiMATYC (local affiliate of AMATYC) conference. I presented at PACADE (local affiliate of National Association for Developmental Education) & at AMATYC, and attended NCTM conferences.

- Served on university and faculty committees, as well as provided college and community service. This included my leadership as Science and Math Division Chair, Faculty Senate Chair, Math Coordinator, and my active roles in the following committees:

Assessment	College Success Committee
Learning Center	Grievance Committee
Christmas Party/Ohana Committee	Budget Advisory Committee
Sabbatical Policy ad-hoc committee	Professional Development Committee
Case Management (Title III)	Liberal Arts SLO Team (LAST)
Learning Community Group	Foundations Board

- Served on at least four Tenure Promotion Review Committees for the University of Hawaii System. Served on the Division Personnel Committee (DPC) since I became tenured from 2009 to 2013. As an active member of DPC, I made sure my colleagues had their necessary peer evaluations for their tenure/promotion process. Also, I was actively involved in the hiring for math and science positions.
- Collaborated with colleagues in other programs, especially the CTE programs, to address the required math competencies.
- Partnered with Hawaii DOE and Hawaii P-20 to improve the education pathways and ensure quality of mathematics instruction. This included my active roles in the Early College Program, the Running Start Program, and the training of math teachers on Kauai, as well as creating the curriculum for a transition math course for high school seniors to be piloted in 2015-2016 school year.

Math Lecturer, January 2003 – June 2003, California State Polytechnic University at Pomona – CA

Job Responsibilities: Taught a course in Theory and Practice in Mathematics Education. This included the principles and methodology of teaching mathematics in grades K through 8. Trained Credential and M.A. candidates on instructional design, material selection, and student assessment.

Math Instructor, September 1999 - June 2003, La Serna High School – Whittier, CA

Job Responsibilities: Created stimulating lessons, taught and evaluated students according to California Standards for Mathematics. The courses included algebra 1, algebra 2, and first-year calculus. I encouraged and motivated students to do well during their high school years. I enhanced mathematics curriculum through interdisciplinary activities. I provided academic support during lunchtime and after school tutoring hours. I served as an advisor to the Class of 2004 and Tolerance Respect Unity and Equality (T.R.U.E.) club, and I taught Calc I and II courses in a Running Start to CSUF program.