

Austin M. Anderson

Education

University of Hawai'i at Mānoa
Ph.D. in Mathematics, Dec. 2010
M.S. in Mathematics, June 2007

University of New Mexico
B.S. in Mathematics, Dec. 2003

Professional Experience

Associate Professor of Mathematics, Kapi'olani Community College, June 2020 – present.

Assistant Professor of Mathematics, Kapi'olani Community College, June 2016 – June 2020.

Instructor of Mathematics, Kapi'olani Community College, June 2011 – June 2016.

Temporary Assistant Professor of Mathematics, University of Hawai'i at Mānoa (UHM), Dec. 2010 – June 2011.

SUPER-M Fellow (School/University Partnership for Education Renewal-Mathematics), UHM, Aug. 2009 – June 2010.

Teaching Assistant, UHM Mathematics Dept., Aug. 2004 – June 2007.

Publications

Kazuhisa Nakasho; Manabu Hagiwara; Austin Anderson; J. B. Nation, *The Tight Upper Bound for the Size of Single Deletion Error Correcting Codes in Dimension 11*. The 46th Symposium on Information Theory and its Applications (SITA2023) Yuda-Onsen, Yamaguchi, Japan, Nov. 28–Dec. 1, 2023

Anderson, Austin; Jovovic, Mirjana; Smith, Wayne, *Composition semigroups on BMOA and H^∞* . J. Math. Anal. Appl. 449 (2017), no. 1, 843–852.

Anderson, Austin; Jovovic, Mirjana; Smith, Wayne, *Some integral operators acting on H^∞* . Integral Equations Operator Theory 80 (2014), no. 2, 275–291.

Anderson, Austin, *Some closed range integral operators on spaces of analytic functions*. Integral Equations Operator Theory 69 (2011), no. 1, 87–99.

Anderson, Austin Maynard, *Multiplication and integral operators on spaces of analytic functions*. Thesis (Ph.D.)–University of Hawai'i at Mānoa. 2010. 46 pp. ISBN: 978-1124-53863-1, ProQuest LLC.

Recent Service and Activities in Community and College

Chair of KCC Math & Sciences Department Personnel Committee, Fall 2021 and Fall 2023.

KCC Foundations Committee Member, 2018–present. (Committee verifies course curriculum hallmarks)

Math hiring committees, 2016, 2018, 2019.

Math Club at KCC Faculty Advisor, 2015–present.

Noyce Grant for STEM Teacher Recruitment, 2021-2022. (I was the KCC Representative for the systemwide initiative led by the College of Education at UHM, funded by the National Science Foundation.)

SENCER (Science Education for New Civic Engagements and Responsibilities) workshop participant, 2016, 2017, 2018.

FELI (First-year Experiential Learning Institute) workshop, Summer 2018. (40 hours of soft-skill training for teachers and students)

Presented at American Mathematical Society Western Sectional Meeting, March 2019.

Reviewed journal submissions for *Complex Variables and Elliptic Equations* and *Acta Mathematica Scientia*.

Served as President of Diamond Head Community Garden, 2021.

Awards

Chancellor's Award for Innovation in Teaching: MIPI (Math Immersion with Physics Integration) Faculty Member, 2018

Graduate Excellence in Teaching Award, UHM, 2007

Jaeger Mathematics Prize, Pomona College, 2000

Courses taught

At KCC, MATH 24, 25, 75X, 82, 100, 103, 115, 135, 140, 241, 242, 243, 244 and SCI 295-MA (an undergraduate research experience course in math)

At UHM as a teaching assistant, MATH 100, 140, 215, 241

At UHM as an instructor, MATH 100, 203, 373