

Vitae

Dr. Jeramiah Hocutt
Department of Mathematics, Gordon-Palmer Hall
University of Alabama, Tuscaloosa, AL 35487
Email: jahocutt@ua.edu
Website: <https://jhocutt.com>

Education

- University of Florida, Gainesville, FL
 - May 2018 Ph.D. in Mathematics
 - * Dissertation - *'Twisted Duality' in Various Clifford Structures*
- University of Florida, Gainesville, FL
 - May 2014 Master of Science in Mathematics
- University of Florida, Gainesville, FL
 - May 2012 Bachelor of Science in Mathematics & Bachelor of Arts in Physics
 - * Graduated Magna Cum Laude

Professional

Assistant Professor, University of Alabama	July 2018 - Present
Graduate Teaching Assistant, University of Florida	August 2012 - June 2018

Teaching at University of Alabama

Fall 2018 - MATH 227 Calculus 3

Teaching at University of Florida

Course Instructor

Summer 2018	-	MAP2302 Elementary Differential Equations
Fall 2017	-	MAC2312 Calculus 2 (Flipped)
Summer 2017	-	MAP2302 Elementary Differential Equations
Summer 2016	-	MAC2313 Calculus 3
Fall 2015	-	MAC1140 Precalculus Algebra (AIM)
Summer 2015	-	MAC2312 Calculus 2
Summer 2014	-	MAC2311 Calculus 1
Fall 2013	-	MAC1105 College Algebra (AIM)
Summer 2013	-	MGF1106 Mathematics for Liberal Arts

Course Coordinator

Spring 2018 - MAC1140 Precalculus Algebra
Spring 2016 - MAC1140 Precalculus Algebra

Online Course Instructor

Spring 2017 - MAC2313 Calculus 3 UF Online
Fall 2016 - MAC1140 Precalculus Algebra UF Online
Summer 2016 - MAC1147 Precalculus Algebra with Trigonometry UF Online
Fall 2015 - MAC1140 Precalculus Algebra UF Online

Discussion Leader

Spring 2017 - MAC2311 Calculus 1
Spring 2015 - MAC2312 Calculus 2
Fall 2014 - MAC2312 Calculus 2
Spring 2014 - MAC2233 Survey of Calculus
Spring 2013 - MGF1106 Mathematics for Liberal Arts
Fall 2012 - MAC1140 Precalculus Algebra

Computer Fluencies

LaTeX, Sage, Python, Maple, MATLAB, wxMaxima, Minitab

Department Activities

Xronos Interactive Education System Developer (Fall 2016-Present)
Graduate Analysis Seminar Organizer (Fall 2016-Spring 2017)
Mathematics Department Teaching Help Desk (Fall 2016)
Graduate Student Representative on the Graduate Committee (Fall 2015-Spring 2016)
Graduate Mathematics Association President (Spring 2015-Fall 2015)
Graduate Mathematics Association Webmaster (Spring 2014-Fall 2014)
Graduate Student Mentor (Fall 2013-Spring 2018)

Department Awards

UF Mathematics Department Award for Special Service to the Department (Spring 2018)
University of Florida Mathematics Graduate Student Teaching Award (Spring 2017)
Graduate Student Council Travel Grant (Summer 2016)
Neil White Excellence in Teaching Award (Spring 2016)

Papers

Everywhere Differentiable, Nowhere Continuous Functions

J.A. Hocutt, P.L. Robinson - *The American Mathematical Monthly* (To Appear)

Conferences Attended

AMS/MAA Joint Mathematics Meetings (January 2018)
Southeastern Analysis Meeting, University of Tennessee (March 2017)
AMS/MAA Joint Mathematics Meetings (January 2017)
International Workshop on Operator Theory and Applications,
Washington University in St. Louis (July 2016)
Southeastern Analysis Meeting, University of South Florida (March 2016)
AMS/MAA Joint Mathematics Meetings (January 2016)
Southeastern Analysis Meeting, University of Georgia (March 2015)
Southeastern Analysis Meeting, Clemson University (March 2014)
Southeastern Analysis Meeting, Virginia Tech (March 2013)

Invited Talks

University of Nebraska Mathematics Colloquium, University of Nebraska-Lincoln
(February 2018)
Waiting for the Next Update: A Potential Future for Technology in the Classroom
Southeastern Analysis Meeting, University of Tennessee (March 2017)
'Twisted Duality' for the Clifford von Neumann Algebra
Graduate Mathematics Association, University of Florida (September 2016)
Beyond Cesàro Continuity or: Whoever said differentiable functions were continuous?

Talks

AMS Contributed Paper Session on Metrics and Optimization (January 2018)
'Twisted Duality' for the Clifford Hilbert Space
AMS Contributed Paper Session on Functional Analysis (January 2017)
'Twisted Duality' for the Clifford von Neumann Algebra

Seminar Talks

April 2017	<i>An Overview of Clifford Analysis II</i>
March 2017	<i>An Overview of Clifford Analysis I</i>
January 2017	<i>An Overview of Quaternion Calculus</i>
November 2016	<i>Roundly Resolving the Spherical Spectrum</i>
August 2016	<i>An Introduction to Quaternionic Hilbert Spaces</i>
March 2016	<i>Everywhere Differentiable, Nowhere Continuous Functions</i>
October 2015	<i>Twisted Duality in Operator Algebras</i>
September 2015	<i>Twisted Duality and Clifford Algebras</i>
April 2015	<i>Arena of Closures</i>
February 2015	<i>Scalar Commutators</i>
November 2014	<i>It's Normal to Commute</i>
September 2014	<i>GNS 101</i>
March 2014	<i>The Commutative Gelfand-Naimark Theorem</i>