

Douglas S. Daniel

Office: Presbyterian College
503 South Broad St.
Clinton, SC 29325

Phone: (864) 833-8341

Fax: (864) 938-3769

e-mail: ddaniel@presby.edu

Education: **University of Tennessee, Knoxville,** Knoxville, TN (8/93-8/00)

Ph.D. August 2000

Dissertation: *On the Cesaro Summability of Two-Dimensional Vilenkin-Fourier Series and Uniqueness of Two-Dimensional Walsh Series*

Advisor: Dr. William R. Wade

Georgia Institute of Technology, Atlanta, GA (8/89-6/91)

M.S. in Applied Mathematics, June 15, 1991

Minor: Public Policy

College of William and Mary, Williamsburg, VA (8/85-5/89)

B.S., May 14, 1989

Major: Mathematics

Minor: Physics

Middle Tennessee State University, Murfreesboro, TN (8/84-5/85)

High School Honours Program: Earned college credit in calculus and general physics. (13 credit hours)

Harvard University, Cambridge, MA (6/84-8/84)

Harvard University Summer School, Summer 1984

Studied economics after junior year in high school. (8 credit hours)

Employment: **Presbyterian College,** Clinton, SC (9/03-Present)

Professor, Department of Mathematics

(September 2014 – Present)

Associate Professor, Department of Mathematics

(September 2007 – August 2014)

Assistant Professor, Department of Mathematics

(September 2003-August 2007)

Wake Forest University, Winston-Salem, NC (8/00-7/03)

Visiting Assistant Professor, Department of Mathematics

Classes taught: Calculus Foundations (differential calculus),

Calculus with Analytic Geometry I (primarily integral calculus)

Elementary Probability and Statistics

Committees:

Math 106 Committee (Fall 2000, Spring 2002 - Chairman)

Math 109 Committee (Spring 2002)

Math 111 Committee (Spring 2001, Fall 2001 – Chairman, Fall 2002 – Chairman)

University of Tennessee, Knoxville, Knoxville, TN (8/93-8/00)

Graduate Teaching Associate, Department of Mathematics

Classes taught: College Algebra, Business Calculus, Finite Mathematics, Mathematics for Elementary Education Majors, Calculus I and II, Algebraic Reasoning.

Tutor: mathematics tutorial lab.

Western Kentucky University, Bowling Green, KY (8/91-8/93)

Instructor of Mathematics, Department of Mathematics

12-14 hour teaching load,

Courses taught: Calculus, College Algebra, Intermediate Algebra, College Algebra and Trigonometry, General Mathematics

Committees:

Pre-calculus committee (Fall 1991, Spring 1992, Fall 1992, Spring 1993)

Third District Test Committee (Fall 1992).

Georgia Institute of Technology, Atlanta, GA (9/89-9/91)

Graduate Teaching Assistant, Department of Mathematics

Recitation Instructor for Calculus I, II, III and work in math tutorial lab.

Office of Minority Education Development, (6/90-8/90)

Georgia Institute of Technology, Atlanta, GA

Teaching Assistant and Computer Lab Instructor

TA and lab instructor for O.M.E.D. Summer Challenge for incoming Freshmen.

Courses: **At Presbyterian College:**

Trigonometry

Finite Mathematics

Calculus I

Calculus II

Calculus III

Transition to Advanced Mathematics

College Geometry

Linear Algebra

Senior Capstone

Symmetry and Pattern in Scotland (Summer 2008)

Symmetry and Pattern in Northwest England (May 2014)

Introduction to Analysis (I and II)

Differential Equations
Adventures in Mathematics – Math and Voting
Adventures in Mathematics – Math and Music
Complex Analysis

Other: **Reader ETS AP Calculus** (Summer 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012)
Helped to grade the ETS AP Calculus AB Exam in Fort Collins, CO, Louisville, KY and Kansas City, KS

Table Leader ETS AP Calculus (Summer 2013, 2014, 2015)
Kansas City, MO – worked in an enhanced capacity for the session as a quality control person and as a reader evaluator.

STARS Program (Wake Forest University)
Worked one on one with a student advisor on Dreamweaver, a webpage making program.

GTA Mentoring Program (8/96-5/97) (University of Tennessee – Knoxville)
Worked with faculty advisor and GTA's from other departments to improve teaching skills and teaching effectiveness.

Grants: **Mathematical Association of American, Preparing Mathematicians to Educate Teachers, National Science Foundation Grant DUE-0230847**
(Awarded January 2005) - \$5000 for developing teaching and learning activities for integrating mathematics history into the mathematics department classes.

Awards: **Pi Mu Epsilon Mathematics National Honor Society**
Charter member in South Carolina Zeta Chapter (Presbyterian College)

Kyle Spencer Grant
Awarded 2006 to study "The History and Architecture of Oxford, UK"
At Merton College, Oxford University July 2006

Project NExT of the Southeastern Section of MAA
Named to be a Fellow in Project NExT for the Southeast Section of the Mathematical Association of America in Spring of 2005. Project NExT (New Experiences in Teaching) is a program for new or recent Ph.D.s in the mathematical sciences who are interested in improving the teaching and learning of undergraduate mathematics.

Belk Fellowship 2003-2006
2003-2004 – Books, ISAMA meeting, laptop computer, professional dues

2004-2005 – Books, Cornell Adult University, MAA meeting,
professional dues
2005-2006 – Books, MAA meeting, travel in the UK and Ireland,
professional dues

Teaching Awards, University of Tennessee, Knoxville
Nominated in 1994,1995,1996,1997, 1998, 1999
Finalist in 1994, 1997

Japanese-American Conference on Global Warming, Spring 1991
Nominated by School of Mathematics at Georgia Tech as graduate
Representative from College of Arts and Sciences.

Talks:

“Hints on Taking the AP Calculus Exam”
Kings Mountain High School
Three AP Calculus Classes
April 2015

“Finding Math in Ormskirk”
MAA – SE Yearly Conference
UNC Wilmington
March 13-14, 2015
Wilmington, NC

“What I Did and Saw in England” (Presentation on the PC Maymester
Program to the Community)
Kiwanis Club of Clinton, SC
August 21, 2014
Clinton, SC

**“Classifying Rational Points in Generalized Cantor Sets and Cantor
Like Sets”**
MAA Mathfest
August 3, 2013
Hartford, CT

“Hints on Taking the AP Calculus Exam”
Laurens District 55 High School
Mrs. Washam’s AP Calculus Class
April 2012

“Sir Henry Savile, Merton College and the Savilian Professorships”
MAA-Southeastern Section Meeting March, 2007
Georgia Southern University, Statesboro, GA

"Mathematics History Across the Curriculum: An Integrated Approach for Future Teachers" (Authored by the Mathematics Department and David Schoolfield) with Clint Harshaw
MAA – Southeastern Section Meeting 31 March, 2006
Auburn University, Auburn, AL

"A Tauberian Style Theorem for Two Dimensional Walsh Series"
AMS Special Session on Integrals and Series Throughout Mathematics
Winter Meetings, January 11, 2001 New Orleans, LA

Publications: **Uniqueness for Cesaro summable double Walsh series.**
D.S. Daniel and W.R. Wade. *Analysis Mathematica* 30.1 (Annual 2004):
p33 (14).

Problem Solution Problem #5236
Brian Beasley and Doug Daniel, *School Science and Mathematics*
March 2013

Honors

Research: Steven Smith – **Tiling Checker Boards with Trominoes** Spring 2010

Sarah Anderson - **Some Results in Measure Theory and The Classification of Rational Numbers in Cantor Type Sets and in Generalized Cantor Sets** Spring 2009

Senior

Capstone

Presentations: I served as faculty advisor for the following projects.

Pravin Gurung and Elizabeth Kahn - **Brouwer, Fixed Points, and Other Intersecting Results** April 2015

Gonzalo Asis and William Moore - **Weierstrass Approximation Through Bernstein Polynomials** April 2014

Ali Knaak and Steven Smith - **Metric Spaces and a Problem from the Mathematics of Doodling** April 2010

Andrew Stokes - **Counting Topologies Found in Low Cardinality Finite Sets** April 2009

Jeremy White – **Some Results about Metric Spaces and Basic Topology**
April 2008

Meetings: **MAA Southeastern Section Meeting** March 2004, March 2005, March 2006, March 2007, March 2008, March 2009, March 2010, March 2011, March 2012, March 2013, March 2014, March 2015

MAA Mathfest August 2009 (Portland, OR), August 2013 (Hartford, CT), August 2015 (Washington, DC)

Classical Liberals in the Carolinas Conference (August 2014 – Inaugural)

AMS/MAA Winter Meetings Attended 1999, 2000, 2001, 2003

MAA South Carolina State Dinner – 2004

International Society for the Arts, Mathematics, and Architecture
June 2004

Cornell Adult University
Survey of the History of Architecture – July 2006 (Attended with use of Belk Fellowship funds)

Professional

Activities: **Arnold Symposium** (March 18, 2008)
Moderator: Panel Discussion entitled “Southern Music: Past, Present and Future”

Economics Book Club – Clemson, SC
2007-present

Professional

Societies: **American Mathematical Society**, (1989-2007)

Mathematical Association of America (2001-Present)

Community: Champs Program

Talk/program with 8th grade students (two sessions) (September 2003)
Math Coordinator and program speaker for Math Day (September 2004)
Math Coordinator and program speaker for Math Day (September 2005)
Math Coordinator and program speaker for Math Day (September 2006)
Math Coordinator and program speaker for Math Day (September 2007)
Math Coordinator and program speaker for Math Day (September 2007)
Math Coordinator and program speaker for Math Day (September 2008)
Math Coordinator and program speaker for Math Day (September 2009)
Introduction to incoming and outgoing students (April 2010)
Values Speaker (June 2010)

Math Coordinator and program speaker for Math Day (September 2010)
Math Coordinator and program speaker for Math Day (September 2011)
Math Coordinator and program speaker for Math Day (September 2012)
Member- Board of Directors 2011-present.

Section Presider

2004 Presbyterian College Honors Day Symposium
2005 Presbyterian College Honors Day Symposium
2006 Presbyterian College Honors Day Symposium
2010 Presbyterian College Honors Day Symposium

Student Visitation Day

Manned Math Department booth (April 2004, April 2005, September 2005, April 2006, April 2007, April 2008, April 2009, April 2010, September 2010, Fall 2011, Spring 2012, Spring 2012, March 29, 2014)

Grader

PC Mathematics Contest (Spring 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014)

Kiwanis International

Member – Clinton, SC club – Youth Services Committee
Member – Board of Directors, Clinton, SC chapter beginning October 2006 - present
Vice President- October 2008-September 2009
President – October 2009-September 2010
Immediate Past President – October 2010- September 2011

Service: **Academic Affairs Council**
2011-2012 Academic Year
2012-2013 Academic Year
2013-2014 Academic Year

Admissions Reception

Faculty representative to Accepted Students Reception.
Admissions Department
March 2, 2008
Atlanta, GA

Assessment Day

Proctor – Spring 2012
Proctor – Spring 2013
Proctor – Spring 2014
Proctor – Spring 2015

Champs Scholarship Committee

2009-2013

Coach – College Bowl Team

November 2014 - Present

Faculty Advisor – MAA (Presbyterian College Chapter)

2009-Present.

Faculty Advisor: WPCX (Radio PC)

Spring 2004-Summer 2007

Faculty Development Committee

2007-2008 Academic Year

2015-2016 Academic Year

Faculty Interviewer

VP for Development Candidates (August/September 2006)

Faculty Representative to SUB

2004-2005 Academic Year

2014-2015 Academic Year

2015-2016 Academic Year

Faculty Search Committees

Religion and Philosophy – Spring 2005

Psychology – Spring 2007

History – Spring 2008

General Education Committee

2005-2006 Academic Year

2006-2007 Academic Year

2011-2012 Academic Year

2012-2013 Academic Year

2013-2014 Academic Year

2014-2015 Academic Year

Greek and Social Life Committee

2005-2006 Academic Year

Guidance Committee

2006-2007 Academic Year

2007-2008 Academic Year

Honor Council

2006-2007 Academic Year

2013-2014 Academic Year

2014-2015 Academic Year

Lectures and Fine Arts Committee

2004-2005 Academic Year

Library Committee

2008-2009 Academic Year

2009-2010 Academic Year

Name Branding Commission

Member – 2007-2008 Academic Year

Policy Advisory Board on Faculty Governance

Fall 2013 - present

Russell Sub-Committee on Student Media

Faculty member Spring 2004-Summer 2008

Russell Committee on Media and Society

Elected Member 2014-2015 Academic Year

Membership to begin with 2004-2005 School Year –May 2014

Panel Member on Admissions for May Workshops May 2009

Member of “Triumvirate” 2005-2008

Chair – 2007-2008 – Program “Southern Culture and the Media”

Convener – Faculty May Workshops – 2006

Springs Campus Center Planning Commission

Faculty Representative – Fall 2005

Safety Committee

2014-2015 Academic Year

United Way Campaign – Arts and Sciences Campaign Coordinator

Fall 2011

Activities: Radio PC

Disc Jockey (Fall 2003- Spring 2007)

Faculty Advisor (Spring 2004 – Spring 2007)

Co-Chair of Promos Committee (Spring 2004 – Spring 2007)

WAKE Radio (Fall 2001 – Present) (Wake Forest University)

Disc Jockey

Graduate Student Association (4/94-4/97)

University of Tennessee, Knoxville

Elected representative from the College of Arts and Sciences.

Sailing (1/97-2003)

Member of U.S. Sailing Association

Member of Sailing Club at UTK

Level 1 Certified Sailing Instructor (USSA)

Sailing Instructor- Concord Yacht Club, Knoxville, TN

Big Brothers/Big Sisters (8/98-5/00)

Sidekicks Mentoring Program

Presbyterian Church, U.S.A.

References: Dr. Brian Beasley
Daniel Professor of Mathematics

Presbyterian College

503 South Broad St.

Clinton, SC 29325

(864) 833-8450

bbeasley@presby.edu

Dr. Jerman Disasa

Writing Teacher

Bell Street Middle School

600 Peachtree Street

Clinton, SC 29325

864-833-0807

Fax: 864-833-0808

864-682-7067 (H)

jemandisasa@laurens56.k12.sc.us

Dr. Clint Harshaw

Professor of Mathematics and Chair, Mathematics Department

Presbyterian College

503 South Broad St.

Clinton, SC 29325

(864) 833-8995

charshaw@presby.edu

Dr. Jody Lipford

Professor of Economics

Presbyterian College

503 South Broad St.

Clinton, SC 29325

(864) 833-8995
jlipford@presby.edu

Dr. Michael Nelson
Professor of History and former Dean of Academic Programs
Presbyterian College
503 South Broad St.
Clinton, SC 29325
(864) 833-8376
mnelson@presby.edu