

PAUL C. HILL

Assistant Professor

Coastal Carolina University

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"If we teach today's students as we taught yesterday's, we rob them of tomorrow." - John Dewey

ACADEMIC EXPERIENCE

Ph.D. in Statistics | Florida State University

2012 (Tallahassee, FL)

Bachelors of Science in Mathematics | University of the West Indies

1999 (St. Augustine, Trinidad. W.I.)

PROFESSIONAL EXPERIENCE

Assistant Professor (Statistics) | Coastal Carolina University

August 2019 - present (Conway, SC)

- Provides instruction and mentorship to a diverse population of students.
- Provides students with exposure to applied statistics by incorporating statistical software and other technology into lesson plans.
- Shows great commitment to student learning, engagement, success and retention.
- Received favorable scores from student evaluations conducted through the university.
- Provides instruction in both face to face and online modalities.
- Collaborates with faculty on pedagogical and scholarly initiatives.
- Serves on various college and departmental committees.

Associate Professor (Statistics) | Tallahassee Community College

August 2018 – July 2019 (Tallahassee, FL)

- Received tenure (continuing contract) and promoted to Associate Professor.
- Provided instruction and mentorship to a diverse population of students.
- Consistently received high scores from student evaluations conducted through the college.
- Provided students with exposure to applied statistics by incorporating statistical software and other technology into lesson plans.
- Provided Course Coordination for Applied Statistics including preparing syllabi and other course materials.

- Showed great commitment to student learning, engagement, success and retention.
- Provided instruction in both face to face and online modalities.
- Served on various college and departmental committees.
- Collaborated with faculty on pedagogical and scholarly initiatives.

Assistant Professor (Statistics) | Tallahassee Community College

August 2013 - 2018 (Tallahassee, FL)

- In addition to the above listed responsibilities, taught the Statistics Honors Module, supervising students in project-based learning.

Adjunct Assistant Professor | Tallahassee Community College

August 2012 - August 2013 (Tallahassee, FL)

- Provided instruction for a variety of courses including a lab-based Statistics course.
- Received high scores from student evaluations conducted through the college.
- Participated in the Walmart Foundation's "PRESS for Completion" grant which seeks to better engage faculty and staff in campus-based reform efforts to assist in student retention.

Graduate Teaching Assistant | Florida State University

2007 - May 2012 (Tallahassee, FL)

- Provided solo instruction for various undergraduate courses in the Statistics department.
- Received outstanding teaching evaluations.
- Only student to be selected by faculty to assist in the supervision and evaluation of graduate students' teaching through the department's mandatory "Teaching in Discipline" course.
- Provided training and mentorship in assessment techniques to graduate student teachers in the department.
- Nominated for FSU graduate teaching award in final year of graduate school.

EARLY PROFESSIONAL EXPERIENCE

Mathematics Instructor | George Hicks High School

2005 - 2007 (Georgetown, Cayman Islands)

- Devised successful methods for mathematics instruction to students in remedial mathematics.
- Participated in curriculum development in the department of mathematics.
- Incorporated technology into course delivery to improve student engagement.

Head of the Department | Holy Name Convent Secondary School

2002 - 2005 (Port of Spain, Trinidad.)

- Doubled the percentage of A's received on the Cambridge (England) standardized tests in mathematics and statistics in two years.
- Promoted to Head of Department after the successful improvement of the school's results.
- Successfully managed a department of ten faculty members providing leadership, support and problem-solving.
- Performed class-room supervision of faculty members leading to improved delivery of content and classroom management among faculty.
- Devised learning objectives for all mathematics and statistics courses ensuring learnt fundamentals and smooth transitions between successive levels.
- The department consistently maintained over 95% pass-rate annually on national standardized examinations during my tenure.

COLLEGE COURSES TAUGHT

Coastal Carolina University

- *Introductory Statistics with Lab (STAT 201/201L)*
- *Applied Statistical Methods (STAT 318)*
- *Regression Analysis (STAT 315)*
- *Experimental Design I (STAT 316)*
- *Case Studies in Statistics (STAT 390)*

Florida State University

- *Business Statistics (STA 2023)*
- *Introduction to Applied Statistics (STA 2122)*
- *Statistics Through Example (STA 1013)*
- *Teaching in Discipline / Supervised Teaching (STA 5941)*
- Mentor and evaluate graduate students in their teaching.

Tallahassee Community College

- *Introduction to Statistics (STA 2023) (Face to Face, Honors Module and Web-based)*
- *Introduction to Applied Statistics (STA 2122)*
- *College Algebra (MAC 1105)*
- *Mathematics for Liberal Arts I (MGF 1106) and II (MGF 1107) (Face to Face and Online)*

SKILLS

Technology

- *Experience with teaching courses and hosting meetings with video and audio-conferencing platforms such as Zoom and Microsoft Teams.*

- *Statistical Software used mainly includes R, but have experience with SAS and MINITAB.*
- *Proficient with Learning Management Systems such as Moodle, Blackboard Learn and Canvas.*
- *Received training and experienced with teaching Online courses.*

Soft Skills

- *Team player, dedicated, motivating, collaborative, creative, respectful, interpersonal skills, cultural awareness, empathetic, strategic planning, life-long learner, critical-thinking, facilitating, goal-setting, self-awareness, adaptable, sense of humor, supportive.*

PROFESSIONAL SERVICE (*Coastal Carolina University*)

2021 - present	Promotion and Tenure Committee (Dept. of Mathematics and Statistics)
2021 - present	Statistics Majors Assimilation and Relations Coordinator (Dept. of Mathematics and Statistics)
2021 - present	Search Committee (Tenure-track position)
2021 - present	Assessment Coordinator (Statistics Major)
2021	Committee for proposal submission for CCU hosting of the 2023 Southeastern section meeting of the Mathematical Association of America
2021	Vision and Mission Committee (Dept. of Mathematics and Statistics)
2020 - 2021	Search Committee (Lecturer position)
2019	Host for the Statistics Major table at the CCU Career and Majors Fair

PROFESSIONAL MEMBERSHIP

2007 - Present	Member of the American Statistical Association.
2019 – Present	Member of the Maxwell Leadership Team – certified personal and professional growth coach.
2016 - 2018	Member of the Teaching a New Generation of Statistics Educators.

RECENT PUBLICATIONS

Hill, P and Bell, L. (Accepted May 2021) "An investigation of metropolitan crime distribution," The College Mathematics Journal (MS No: CollMathJ-D-21-00012R1).

CURRENT RESEARCH INTERESTS

Statistics Education, Pedagogical Research, Student temperaments and engagement.

RECENT PRESENTATIONS

- 2019 *"Bootstrap Prediction Bands for Non-Parametric Function Signals in a Complex System"*
Coastal Carolina University
- 2017 "Exposing students to the Statistics Investigative Process and Exploratory Data Analysis"
Teaching A New Generation of Statistics Educators (TANGO Stat Ed) at the US Conference on Teaching Statistics (USCOTS), Penn State
- 2017 "Active-Learning activities in Introductory Statistics courses" and "Using real data to teach Linear Equations in College Algebra."
Tallahassee Community College
- 2015 "Student Engagement...The What, Why, How and Who."
Tallahassee Community College

STUDENT DIRECTION *(Coastal Carolina University)*

- 2021 *Audrey Nelson – STAT 490 mentor*
- 2020 *Daniel Hill – STAT 490 mentor*