JOSHUA J. COOK

RESEARCHER, EDUCATOR, SCIENTIST

CONTACT

850 – 736 – 1801

Jcook0312@outlook.com

LinkedIn:
https://tinyurl.com/w6hs4r37

Portfolio:
https://tinyurl.com/43xx4yee

SKILLS

R Programming (Base, tidyverse, gt, gtsummary, gtextras, quarto, admiral)

SAS Programming (Base)

SQL/PostgreSQL Programming (Basic)

GitHub/Git:
(https://tinyurl.com/4tcx3cry)

CDISC Standards (CDASH, SDTM, ADaM)

Math/Stats (Algebra, Trig, Calculus, Regression, Hypothesis Testing, Machine Learning Algorithms)

EDUCATION

University of West Florida
2024-Present
Graduate Certifications; Advanced Data Science, Health Informatics, Business Foundations

PROFILE

I am an interdisciplinary professional with over 8 years of experience in biomedical science, 5+ years in clinical research, and 2+ years in data science. I have extensive academic and professional experience in benchtop science, clinical trial design and conduct, predictive modeling, and data analysis. I am seeking a full-time clinical research or data science role in pharma, healthcare, or public health to apply my expertise and drive meaningful impact within a team, something that I have missed in my independent roles as a Researcher and Adjunct Instructor.

EXPERIENCE

University of South Carolina, Columbia, SC
NIH T35 Graduate Researcher
2024-Present

- Conducted research on large (1 million+ records) public health datasets (CDC BRFSS, SC DoH COVID-19) using R for ETL, geospatial mapping, and predictive modeling.
- Authored two technical papers accepted to WUSS and SESUG 2024 conferences, focusing on R-based clinical data processing. Also accepted to two 2025 oncology conferences.
- Presented journal club lectures and research findings, contributing to the center's ongoing Big Data Health Science discussions.
- Completed coursework in AI, informatics, and infectious disease epidemiology, applying concepts to real-world public health problems.
- Manuscript draft in-progress "Sexual Orientation Differences in Cervical Cancer Screening, HPV Testing, and HPV Vaccination Rates: Cumulative Findings from Nine Years of CDC BRFSS."

University of West Florida, Pensacola, FL
Laboratory Coordinator & Adjunct Instructor
2024-Present

- Independently coordinated and taught 11 laboratory courses across anatomy, physiology, and

University of South Carolina
2024-Present
NIH T35 Graduate Research Fellow; Big Data Health Science

University of West Florida
2022-2024
M.S., Data Science; Analytics & Modeling

Association of Clinical Research Professionals
2023-2025
ACRP-Project Manager, Certified Clinical Research Coordinator

Wake Forest University
2021-2023
M.S., Clinical Research Management; Clinical Operations

University of West Florida
2016-2021
B.S., Biomedical Sciences; Kugelman Honors 4-Year Pathway

biology, instructing 200+ undergraduate students with TA support.
- Achieved top-rated student instructor evaluations (SAI scores: 93%, 100%, and 100%) based on most-recent student feedback (never falling below 70%).
- Designed and delivered engaging, hands-on laboratory sessions, improving student comprehension of biological sciences.
- Engaged students in extracurricular research activity with two pending manuscripts.
- Rehired for Spring 2025 due to outstanding teaching performance and student engagement.

Andrews Research & Education Foundation, Gulf Breeze, FL
Research Quality Analyst, Clinical Research Coordinator
2021-2023
- Led 30+ clinical and 5+ benchtop studies, ensuring compliance with GCP, GDP, and GCDMP standards.
- Successfully initiated 20+ and closed out 5+ studies, coordinating recruitment, data analysis, and manuscript preparation.
- Provided direct training and mentorship to 70+ undergraduate and graduate research interns, contributing to successful medical/graduate school admissions and some direct hires.
- Published multiple peer-reviewed manuscripts in Arthroscopy and JCJP, presented at WUSS and PharmaSUG 2023, and won the ACRP Clinical Research Leadership Scholarship.
- Secured increased annual grant funding through effective study enrollment and compliance efforts.
- Represented AREF at ACSM 2022 and received the inaugural AREF Scholarship for research excellence.