



Natalie Goulett

Healthcare Simulation Operations
Specialist

Contact

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Languages

- R
- SAS
- STATA
- SQL
- HTML/CSS (Beginner)
- C# (Beginner)
- JSON (Beginner)

Tools

- Git
- Excel
- REDCap
- EPIC
- GIS
- Microsoft Office
- Adobe Acrobat
- Visual Studio (Beginner)

Introduction

Detail-oriented programmer with a strong background in statistical analysis, wet lab research, patient care, and healthcare simulation. Skilled in writing and interpreting scientific literature with experience conducting research alongside diverse teams.

Key Skill Summary

- Data Visualization
- ELISA
- Leadership
- Project Management
- Scientific Writing
- Source Control
- Teaching
- Database Management
- HPLC
- Patient Care
- Public Speaking
- SCUBA Diving
- Statistical Analysis
- Therapeutic Communication

Education

Master of Public Health Aug 2022 - May 2025 (Expected)
Florida International University Miami, FL
Concentration: Biostatistics

Bachelor of Science in Biology Aug 2016 - Aug 2019
University of North Florida Jacksonville, FL
Concentration: Biomedical Sciences

Experience

Healthcare Simulation Operations Specialist Feb 2021 - Present
Florida International University Miami, FL

- Manages all operational and administrative tasks for three simulations weekly
- Facilitates the design and running of simulation scenarios with a team of over four people, including faculty and staff, and gives advice on the integrity of the scenario
- Maintains, tests, calibrates, and deploys, and trains others in the use of over 20 manikins and equipment to meet course requirements, ensuring proper equipment operation
- Organizes and teaches Basic Life Support (CPR and AED) courses as an American Heart Association-certified instructor
- Coordinates community events to promote and provide Basic Life Support education

Certified Nursing Assistant Dec 2019 - Jul 2020
University of Miami Hospital Miami, FL

- Oversaw up to 15 patients daily while measuring biological intake, output, glucose levels, and vital signs
- Compiled detailed records daily involving descriptions of patient status and reported to healthcare team
- Followed infection control protocols when caring for patients, collecting specimens, and sanitizing equipment

Laboratory Technician Sep 2018 - Aug 2019
GreenWater Laboratories Palatka, FL

- Cultured and reared cyanobacterial cultures bi-weekly and harvested cylindrospermopsin toxin from cultures
- Assisted with laboratory analysis of aquatic biological resources to screen field samples for bacteria and toxins
- Supported a group of four scientists by preparing reagents, keeping records, and maintaining equipment

Student Research Assistant Feb 2019 - Aug 2019
University of North Florida Jacksonville, FL

- Identified and inspected organisms photographed on-site by camera traps in environmental sciences research
- Followed ELISA chemical analyses protocols to measure testosterone levels in serum
- Conducted geospatial analyses of species distribution using collected biological data
- Reared and maintained mosquito populations and infected mosquitoes with virus via feeding or injection
- Dissected mosquitoes and prepared tissues for antibody labeling