



Melanie Freire

Pollution Control Inspector II

July 2024

- Miami Dade County
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- MelanieFreire

About me

I am a pollution control inspector for Miami Dade County and currently doing a Master's Degree in Public Health & Biostatistics at Florida International University.

Education

2018	Associate in Arts/Biology Miami, FL	Miami Dade College
2020	Bachelor's Degree in Biology Miami, FL	Nova Southeastern University
Current	Master of Public Health & Biostatistics Miami, FL	Florida International University

Experience

Chemistry Tutor

2017-2018 - Miami Dade College Miami FL

- Recruited students from chemistry courses to participate in tutoring programs.
- Collaborated with a team of faculty to develop after-school tutorial program for students in need of extra help.
- Maintained records of student progress and lab completions.

Research Assistant

2017-2018 - University of Miami Hospital Miami FL

- Research about targeting Glioblastoma Stem-like Cancer Cells with Dopamine D2 Receptor Antagonists.
- Experience with cell culture.
- Performed data analysis and provided recommendations to achieve results.

Shadowing Program

2019-2019 - Jackson Hospital, Miami FL

- Pediatric Anesthesia shadowing program.

Administrative and Sales Supervisor

2019-2022 - Barbra Hair Salon & Spa, Miami FL

- Costumer Service.
- Administration experience.
- Coordinate Schedules.
- Prepare profits and losses.
- Supervise employees.

Pollution Control Inspector I

2020-2023 - Miami Dade County, Miami FL

- Conducting field inspection to investigate any source of pollution.
- Experience investigating or analyzing pollution and/or environmental problems and developing solutions.
- Work with compliance and applicable federal, state, and municipal codes, regulations, and standards.
- Review and write reports.
- Write and issue violation notices and tickets.

Election Specialist

2020-2024 - Miami Dade County, Miami FL

- Setting up and supervise all voting equipment at a specific precinct.

Baynanza Coordinator

2023-Present - Miami Dade County, Miami FL

- Coordinator of the Annual Baynanza event. Cleaning all the bays of Miami Dade County"

Environmental Response Inspector (ERI) Program

2023-Presen - Miami Dade County, Miami FL,

- Responding to environmental complaints like sediment plumes to the Bay, oil spills caused by vehicles or accidents and sanitary nuisances.
- Write and issue violation notices and tickets.
- Experience investigating or analyzing pollution and/or environmental problems and developing solutions.

Pollution Control Inspector II

2023-Present - Miami Dade County, Miami FL

- Conducting field inspection to investigate any source of pollution.
- Experience investigating or analyzing pollution and/or environmental problems and developing solutions.
- Work with compliance and applicable federal, state, and municipal codes, regulations, and standards.
- Review and write reports.
- Write and issue violation notices and tickets.
- Supervise Pollution Control Inspectors I
- Professional experience in environmental permitting, and code enforcement.
- Enforcement of pollution or environmental control regulations.

Licenses

- Scuba diving certified.
- Hazardous waste operations & emergency response certified
- Code Inspector
- First Aid (CPR) certified.

Skills

- Critical thinking
- Self-motivation
- Leadership
- Teaching/tutoring
- Database administration
- R Studio Proficient
- SAS Proficient
- Gram Staining
- Computer Skills
- Bilingual Spanish/English
- Research and lab procedures