

Mireille Fouh Mbindi

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OBJECTIVE: As a passionate and enthusiastic environmentalist, I hope to work in a challenging and stimulating environment where the skills, knowledge, and experience that I have acquired can help not only to achieve, but to exceed company goals and objectives.

EDUCATION

MIAMI UNIVERSITY, OXFORD, OH (3.40 GPA)	2020-Present
• Master in Environment Earth Science	
MIAMI UNIVERSITY, OXFORD, OH (3.64 GPA)	2017-Present
• Bachelor in Environment Earth Science	
MIAMI UNIVERSITY, OXFORD, OH (3.50 GPA)	2017-Present
• Certificate in Geographic Information Science (GISc)	

EDUCATION AWARDS

- Hannah Armstrong Climate Solutions Scholarship (\$5331)
- WCAA Peabody Scholarship (\$2000)
- F. & M. Hugh Brower Scholarship (\$2000)
- Marge Addington Scholarship (\$1000)
- TRIO Award (\$1000)
- Barbara F. Kenney Peabody Scholarship (\$900)
- President's list 2022 Spring semester
- Dean's list 2020 Spring semester
- Dean's list 2019 Fall semester
- Dean's list 2019 Spring semester

ACHIEVEMENTS

REU PROGRAM

Summer 2021

- Competitive program funded by the National Science Foundation
- I completed the Summer Ecology in Human-Dominated Landscapes Research Experiences for Undergraduates (REU) program during the summer. Learned principles of scientific research including ethics, library, and scientific literature, attended seminars and went to Salt Creek Nature Sanctuary for a conservation activity. Conducted an individual research project on heavy metal pollution.

AUGITE PROGRAM

Spring 2019-Fall 2020

- Competitive program funded by the National Science Foundation
- I completed a year long career development and undergraduate research experience program. Conducted field and lab research, met with industry professionals, attended seminars, and traveled to Nevada to visit Kinross USA's Round Mountain Gold Mine

FYRE PROGRAM

Fall 201-Spring2018

- Competitive Miami University program for first Year students
- I completed a project exploring the environmental and materials properties of a volcanoclastic sediment that might serve as a resource of rare earth elements for environmental technologies and as a media for environmental applications such as aggregate for geotechnical projects.

PROFESSIONAL PRESENTATIONS

NCGSA

Spring 2022

Talk title: Using sands as a potential indicator of heavy metal pollution: lessons learned from Mount Baldy. <https://doi.org/10.1130/abs/2022NC-374879>.

GSA

Fall 2021

Poster title: "Investigating pollution captured in dune sands to better understand air deposition of heavy metal particulate from industrial facilities in Gary, Indiana." <https://doi.org/10.1130/abs/2021AM-365477>.

REU Symposium

Summer 2021

Talk title: "Investigating pollutant metals in technogenic particulate in sands of mount Baldy: assessing dune sands as a means to quantify air pollution from steel facilities in Gary, Indiana."

GSA

Fall 2018

Poster title: "Initial steps in exploring unconventional rare earth element resources in the United States: Forays into glaciogenic, siliciclastic and volcanic sediments."

WORK AND VOLUNTEER EXPERIENCE

- Treasurer for the Miami University Environmental Professional Association (MEPA) **Fall 2019-now**
- Volunteer at the Mill Creek Alliance Water Quality Monitoring Program **Fall 2019**

COMPUTER AND INSTRUMENTS SKILLS

Microsoft Excel

- Microsoft PowerPoint
- Microsoft Word
- Microsoft Project
- ViewSpecPro for ASD Spectroradiometer
- SNAP
- ENVI
- ARCGIS
- R Studio
- Python

RELEVANT COURSES

- Environmental Biology
- Environmental Geology
- Environmental Communication
- Environmental Law
- Environment and Sustainability
- Sustainability Perspectives/Resources & Business
- Geoenvironmental Field Methods
- First Year Chemistry
- GIS
- Project Management
- Statistics
- Physics I
- Calculus I
- Professional Service Project

LANGUAGE

- French
- English