



WATER ENVIRONMENT FEDERATION
INTRODUCING FUTURE LEADERS TO OPPORTUNITIES IN WATER

2022 WEF InFLOW STEMpath

presented by



Scholar Directory

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Water Technologies & Solutions

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About WEF InFLOW

A scholarship program designed to introduce underrepresented people to opportunities in the water sector.



“It’s critical that we welcome and embrace people with diverse backgrounds, perspectives, and experiences as we encourage people in our communities to consider careers in the water sector. Employing and training people in our communities to work in the water sector provides economic benefits, facilitates understanding and awareness of how to provide water needs to our communities, and enables a clear path for sustainable operations.”

– Jackie Jarrell P.E.
WEF President 2019-2020

[InFLOW Webpage](#)

[WEFTEC InFLOW Video](#)

[Words on Water #168:
The InFLOW Experience](#)



What is WEF InFLOW?

At WEF we believe that our water workforce should reflect the communities we serve.

The WEF InFLOW (Introducing Future Leaders to Opportunities in Water) program aims to enhance diversity and inclusion in the water workforce.

This scholarship opportunity engages participants in WEF programs and events to:

1. Solidify their interest in working in the water sector; and
2. Increase probabilities for employment and long-term success working in water.

2022 Participating Schools & Universities

Over the last 5 years, WEF InFLOW has included over 140 scholars from across the US. This year’s STEMpath cohort includes 24 scholars from 11 universities, crossing multiple states.



About the Water Environment Federation

Leadership. Passion. Collaboration. Scholarship. Service. These are the core values that guide the Water Environment Federation (WEF) and its members in fulfilling our mission of protecting public health and the environment.

WEF is a not-for-profit technical and educational organization of 35,000 individual members and 75 affiliated Member Associations representing water quality professionals around the world. Since 1928, WEF and its members have protected public health and the environment. As a global water sector leader, our mission is to connect water professionals; enrich the expertise of water professionals; increase the awareness of the impact and value of water; and provide a platform for water sector innovation.

At-A-Glance Directory

A quick look directory of this year's cohort. A more in-depth profile of each student is available in the following pages.

Name	School	Graduation Year	Major
Folashade Adenuga	University of South Florida	2024	Chemical Engineering
Ruona Akpareva	Howard University	2024	Civil Engineering
Mitham Al-Faliti	Howard University	2024	Environmental Engineering
Gloria Appiah Nsiah	Arizona State University	2025	Civil Environmental and Sustainable Engineering
Julia Arvizu	San Diego State University	2022	Civil Engineering
Nicholas Badillo	Manhattan College	2024	Civil Engineering, Mathematics
Tametrya Brown	Benedict College	2023	Environmental Health Science
Khadijah Ceesay	Howard University	2022	Civil and Environmental Engineering
Daniel Delgado	University of South Florida	2024	Civil Engineering
Glorya Escobar	San Diego State University	2024	Civil Engineering - Environmental Engineering Concentration
Anahita Esmaelian	Florida International University	2022	Environmental Chemistry
Crysele Evans	Benedict College	2023	Environmental Engineering
Assata Harris	Howard University	2025	Chemical Engineering
Kelsie Herzer	Arizona State University	2025	Environmental Engineering
Lirane Mandjoupa	University of the District of Columbia	2023	Civil Engineering and Mathematics
Natalia Marquez	University of South Alabama	2023	Construction and Environmental Engineering
Bailey Mullins	University of Nebraska-Lincoln	2023	Environmental Studies
Mohau Nakana	Florida International University	2023	Civil Engineering
Wade Naritoku	University of South Alabama	2024	Environmental Engineering
Lilia Ochoa Romero	Rutgers University	2023	Civil and Environmental Engineering
Stephanie Perez	University of Nebraska-Lincoln	2023	Environmental Engineering
Davis Rutayisire	University of the District of Columbia	2023	Civil Engineering
Dava Soley	Rutgers University	2023	Biochemistry
Dominique Whyte	Manhattan College	2025	Chemical Engineering



University of South Florida
Chemical Engineering
Expected Completion: May 2024
adenugaf@usf.edu
[Connect on LinkedIn](#)

Open to Work:
Summer Internship

Folashade Adenuga

She/Her/Hers

Water Interests: Stormwater & Green Infrastructure, Resource Recovery, Industrial Water Treatment, Academia & Research, Drinking Water, Disinfection & Public Health, Future Issues & Global Insights, Intelligent Water Systems

Why are you interested in water?

"I am interested in the water industry because I would like to ensure the supply of clean water to our communities. Moreover, coming from my background where access to clean water was a challenge, I am motivated to see engineering solutions developed to improve the availability of clean and affordable water in societies."



Howard University
Civil Engineering
Expected Completion: May 2024
ogheneruona.akparev@bison.howard.edu
[Connect on LinkedIn](#)

Open to Work:
Summer Internship
or Part-Time

Ruona Akpareva

She/Her/Hers

Water Interests: Utility Operations & Maintenance, Resource Recovery, Consulting & Design, Drinking Water, Disinfection & Public Health, Intelligent Water Systems

Why are you interested in water?

"I think clean water is very important and not all countries are fortunate enough to have that. Where I'm from, we still struggle with water that isn't safe enough for people to bathe with let alone drink. I believe that it is important for me to learn more about this particular industry so I could work in places that would really benefit from the it and essentially be the change I want to see."





Mitham Al-Faliti

He/Him/His

Water Interests: Utility Management, Utility Operations & Maintenance, Consulting & Design, Drinking Water, Disinfection & Public Health

Why are you interested in water?

"My first priority is to help people have access to safe drinking water. With that in mind, I enjoy investigating how microbes treat and destroy pollutants that could affect both wastewater and drinking water. I am also interested in solving design problems that the water industry faces when different external effects influence the treatment process."



Howard University
Environmental Engineering, PhD
Expected Completion: May 2024
mitham.alfaliti@bison.howard.edu

[Connect on LinkedIn](#)

Open to Work:
Summer Internship,
Part-Time or Full-Time



Gloria Appiah Nsiah

She/Her/Hers

Water Interests: Resource Recovery, Industrial Water Treatment, Drinking Water, Disinfection & Public Health

Why are you interested in water?

"I have experienced water scarcity and water related illnesses growing up in a developing community. I am interested in clean water availability and the food-water-energy relationship, making water available for agricultural purposes and for hydropower generation especially in water-stressed areas. I am also interested in technologies for treatment of wastewater for reuse to help solve water scarcity issues."



Arizona State University
Civil, Environmental,
& Sustainable Engineering
Expected Completion: May 2025
gappiahn@asu.edu
[Connect on LinkedIn](#)

Open to Work:
Full-Time



Julia Arvizu

She/Her/Hers

Water Interests: Stormwater & Green Infrastructure, Resource Recovery, Industrial Water Treatment, Academia & Research, Drinking Water, Disinfection & Public Health, Future Issues & Global Insights, Intelligent Water Systems

Why are you interested in water?

"Since my first experience in a water related course, I was so fascinated by the different processes that are used to mitigate, treat, and transport water. I was also interested in the challenges that are associated with that. I want to be a part of addressing those challenges."

San Diego State University
Civil Engineering
Expected Completion: Dec. 2022

arvizujulia@gmail.com

[Connect on LinkedIn](#)

Open to Work:
Part-Time



Nicholas Badillo

He/Him/His

Water Interests: Resource Recovery, Academia & Research, Drinking Water, Maritime & Ocean

Why are you interested in water?

"Broadly encountering environmental engineering through my undergraduate education has given me an introduction to the water industry. Discussions in my Introductory Fluid Mechanics course enlightened me on some of the possible challenges in water infrastructure. There is a system analysis approach in the water industry that I find exciting."

Manhattan College
Civil Engineering & Mathematics
Expected Completion: May 2024

NXBadillo@yahoo.com

[Connect on LinkedIn](#)

Open to Work:
Summer Internship





Tametrya Brown

She/Her/Hers

Water Interests: Utility Operations & Maintenance, Stormwater & Green Infrastructure, Resource Recovery, Collection Systems Management, Disinfection & Public Health, Intelligent Water Systems

Why are you interested in water?

"I am interested in the water industry because I would like to go back to my Country of The Bahamas and aid in our water sanitation at our Ministry of Environmental Health."

Benedict College
Environmental Health Science
Expected Completion: May 2023

tametryabrown@outlook.com

[Connect on LinkedIn](#)

Open to Work:
Summer Internship or
Part-Time



Khadijah Ceesay

She/Her/Hers

Water Interests: Utility Management, Utility Operations & Maintenance, Stormwater & Green Infrastructure, Resource Recovery, Industrial Water Treatment, Collection Systems Management, Technology & Product Manufacturing, Academia & Research, Consulting & Design, Drinking Water, Maritime & Ocean, Disinfection & Public Health, DE&I and Workforce Issues, Future Issues & Global Insights, Intelligent Water Systems

Why are you interested in water?

"In recent years, there have been increase in floods in The Gambia and I would love to learn more about what is going on."

Howard University
Civil & Environmental Engineering
Expected Completion: Dec 2022

Ajamama.ceesay@bison.howard.edu

[Connect on LinkedIn](#)

Open to Work:
Full-Time or Part-Time





University of South Florida
Civil Engineering, PhD
Expected Completion: May 2024
arnulfo1@usf.edu
[Connect on LinkedIn](#)

Open to Work:
Summer Internship or
Part-Time

Daniel Delgado

He/Him/His

Water Interests: Resource Recovery, Industrial Water Treatment, Academia & Research, Consulting & Design, Consulting & Design, Drinking Water, Maritime & Ocean, Disinfection & Public Health, Future Issues & Global Insights

Why are you interested in water?

"Wastewater treatment! I have been doing research in biological nitrogen removal of wastewater for on-site wastewater treatment system that use seawater for toilet flushing."



San Diego State University
Civil Engineering - Environmental
Expected Completion: June 2024
gescobar@sdsu.edu
[Connect on LinkedIn](#)

Open to Work:
Summer Internship or
Part-Time

Gloria Escobar

She/Her/Hers

Water Interests: Stormwater & Green Infrastructure, Resource Recovery, Industrial Water Treatment, Consulting & Design

Why are you interested in water?

"Water is such a valuable resource in Southern California, and as an aspiring environmental engineer and project manager, I think it only makes sense that I learn as much as I can about the water industry."





Anahita Esmailian

She/Her/Hers

Water Interests: Utility Management, Stormwater & Green Infrastructure, Resource Recovery, Industrial Water Treatment, Technology & Product Manufacturing, Consulting & Design, Drinking Water, Disinfection & Public Health, Future Issues & Global Insights, Intelligent Water Systems

Why are you interested in water?

"I was always passionate about water and water issues and I am currently working on water-related issues. I want to contribute to solve some of the water issues, or create a sustainable, environment for all. It is a great feeling to know your work makes a difference, no matter how small or big."

Florida International University
Environmental Chemistry
Expected Completion: Nov. 2022

aesma009@fiu.edu

[Connect on LinkedIn](#)

Open to Work:
Summer Internship or
Full-Time



Crysele Evans

She/Her/Hers

Water Interests: Stormwater & Green Infrastructure, Industrial Water Treatment, Technology & Product Manufacturing, Academia & Research, Consulting & Design, Consulting & Design, Drinking Water, Maritime & Ocean, Disinfection & Public Health, Future Issues & Global Insights

Why are you interested in water?

"I am interested in the water industry due to my country having wastewater treatment problems due to Sanitary Sewage Overflows and I've also done research regarding bacterial trends and water quality."

Benedict College
Environmental Engineering
Expected Completion: May 2023

crysele.evans02@my.benedict.edu

[Connect on LinkedIn](#)

Open to Work:
Part-Time or
Full-Time





Assata Harris

She/Her/Hers

Water Interests: Stormwater & Green Infrastructure, Resource Recovery, Academia & Research, Drinking Water, Maritime & Ocean, Disinfection & Public Health, Future Issues & Global Insights, Intelligent Water Systems

Why are you interested in water?

"I want to better understand the research and development process that goes into our water and wastewater treatment. Water pollution is a result of runoff from many different different industries and I think there is a lot of room for research in how that runoff affects the health of our water and us long-term."



Howard University
Chemical Engineering
Expected Completion: May 2025
assata.harris@bison.howard.edu
[Connect on LinkedIn](#)

Open to Work:
Summer Internship



Kelsie Herzer

She/Her/Hers

Water Interests: Stormwater & Green Infrastructure, Resource Recovery, Academia & Research

Why are you interested in water?

"While I work with soils and microbial communities, I am interested in the strong ties to water dynamics in the environment."



Arizona State University
Environmental Engineering
Expected Completion: May 2025
kherzer@asu.edu
[Connect on LinkedIn](#)

See you at WEFTEC!



Lirane Mandjoupa

She/Her/Hers

Water Interests: Stormwater & Green Infrastructure, Resource Recovery, Industrial Water Treatment, Academia & Research, Disinfection & Public Health

Why are you interested in water?

"Providing quality water to people and being able to recycle water are important to me. Also energy can be created through water facilities."

University of the District of Columbia

Civil Engineering & Mathematics

Expected Completion: May 2023

liranekestesse.mandj@udc.edu

[Connect on LinkedIn](#)

Open to Work:
Full-Time



Natalia Marquez

She/Her/Hers

Water Interests: Resource Recovery, Industrial Water Treatment, Drinking Water, Disinfection & Public Health, Intelligent Water Systems

Why are you interested in water?

"When I started my masters I got involved in the water industry, specifically wastewater treatment and nutrient removal and I would love to keep doing it and develop an innovative technique that will improve the treatment process resulting in lower contaminant levels."

University of South Alabama

Civil Engineering, MS

Expected Completion: May 2023

Nmd2121@jagmail.southalabama.edu

[Connect on LinkedIn](#)

Open to Work:
Full-Time





Bailey Mullins

He/Him/His

Water Interests: Stormwater & Green Infrastructure, Resource Recovery, Industrial Water Treatment, Collection Systems Management, Academia & Research, Intelligent Water Systems

Why are you interested in water?

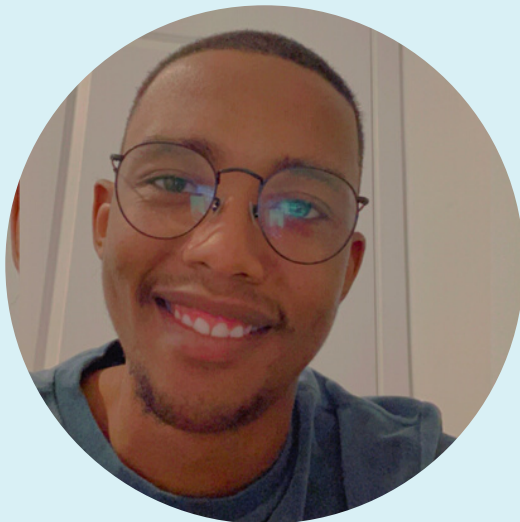
"I'm hoping to do a PhD in water conservation, then eventually work in a water conservation field."

University of Nebraska Lincoln
Environmental Studies

Expected Completion: May 2023

bailey.mullins@huskers.unl.edu

Open to Work:
Summer Internship



Mohau Nakana

He/Him/His

Water Interests: Resource Recovery, Industrial Water Treatment, Collection Systems Management, Technology & Product Manufacturing, Academia & Research, Consulting & Design, Drinking Water, Maritime & Ocean

Why are you interested in water?

"I'm interested in the water industry, due to how much we need and depend on water. From clean drinking water to hydroelectric energy. The uses of water are near endless, the issue I have come across often though is; how to use water industriously without rendering it unusable in other capacities due to processing."

Florida International University
Civil Engineering

Expected Completion: July 2023

Mnaka009@fiu.edu

[Connect on LinkedIn](#)

Open to Work:
Summer Internship or
Part-Time or Full-Time





Wade Naritoku

He/Him/His

Water Interests: Utility Management, Utility Operations & Maintenance, Stormwater & Green Infrastructure, Resource Recovery, Industrial Water Treatment, Collection Systems Management, Drinking Water, Disinfection & Public Health, Future Issues & Global Insights

Why are you interested in water?

"I believe water is the most important resource we have and I want to direct my efforts toward it."

University of South Alabama
Environmental Engineering

Expected Completion: May 2024

wkn1321@jagmail.southalabama.edu

[Connect on LinkedIn](#)

Open to Work:
Full-Time



Lilia Ochoa Romero

She/Her/Hers

Water Interests: Stormwater & Green Infrastructure, Resource Recovery, Industrial Water Treatment, Collection Systems Management, Technology & Product Manufacturing, Academia & Research, Consulting & Design, Drinking Water, Maritime & Ocean, Disinfection & Public Health, Future Issues & Global Insights, Intelligent Water Systems

Why are you interested in water?

"When I decided to study Civil Engineering, I realized that any civil project has environmental impacts. When I visited low-income communities in Mexico, their water sources were natural bodies of water, which caused diseases. My desire is to help solve such problems through a career in water."

Rutgers University
Civil & Environmental Engineering, MS
Expected Completion: May 2023

Lo206@scarletmail.rutgers.edu

[Connect on LinkedIn](#)

Open to Work:
Full-Time





Stephanie Perez

She/Her/Hers

Water Interests: Academia & Research, Maritime & Ocean, DE&I and Workforce Issues, Future Issues & Global Insights

Why are you interested in water?

"It is a career path I am considering going into after graduate school. Also, water science and quality research is something I plan to study in graduate school."

University of Nebraska Lincoln
Environmental Engineering
Expected Completion: May 2023

sperez99@huskers.unl.edu

[Connect on LinkedIn](#)

Open to Work:
Summer Internship



Davis Rutayisire

He/Him/His

Water Interests: Utility Management, Utility Operations & Maintenance, Stormwater & Green Infrastructure, Resource Recovery, Industrial Water Treatment, Collection Systems Management, Technology & Product Manufacturing, Consulting & Design, Drinking Water, Disinfection & Public Health, Future Issues & Global Insights, Intelligent Water Systems

Why are you interested in water?

"Growing up in Africa, I have seen firsthand how people still have to walk miles to fetch water. I want to understand how to properly treat and manage water resources, as well as design water transportation systems, that can provide access to running water."

University of the District of Columbia
Environmental Health Science
Expected Completion: May 2023
gakwandidavis.rutayi@udc.edu

Open to Work:
Summer Internship or
Part-Time or Full-Time





Dava Soley

She/Her/Hers

Water Interests: Resource Recovery, Academia & Research, Drinking Water, Disinfection & Public Health, DE&I and Workforce Issues, Intelligent Water Systems

Why are you interested in water?

"I want to be able to ensure that communities have access to clean and safe water."

Rutgers University
Biochemistry

Expected Completion: May 2023

dava.soley@rutgers.edu

[Connect on LinkedIn](#)

Open to Work:
Summer Internship or
Part-Time or Full-Time



Dominique Whyte

She/Her/Hers

Water Interests: Resource Recovery, Technology & Product Manufacturing, Academia & Research, Consulting & Design, Consulting & Design, Drinking Water, Maritime & Ocean, Disinfection & Public Health, Future Issues & Global Insights

Why are you interested in water?

"Water is life. The purity of water, therefore, determines the purity of life. The work done in the water industry in ensuring that majority of the harmful substances and species are removed from our water sources is of paramount importance. I would love to learn more about and be a part of this significant industry."

Manhattan College
Chemical Engineering
Expected Completion: May 2025

dwhyte01@manhattan.edu

[Connect on LinkedIn](#)

Open to Work:
Summer Internship or
Part-Time or Full-Time

