

GEORGIA AQUARIUM

Career Information



What department is this position in?

Environmental Health Department

What is the position's official job title?

Analytical Chemist

Does this position require a college degree?

Yes

What kind of degree does this position require?

A bachelor's degree in Biology, Chemistry, or Marine Science is required. Having a master's degree is preferred but not necessary.

GEORGIA AQUARIUM

Career Information



Do you need any certifications outside of a degree for this position?

No

What does the average day look like for this position?

I start my day by calibrating probes in the lab and preparing everything to receive water samples from the exhibits. Once the samples arrive, we analyze various parameters, including pH, alkalinity, ammonia, phosphates, and total residual oxidants. We record the results and distribute them to the different teams for analysis. Another aspect of my job is developing new ways to analyze pharmaceutical drugs in water, which are used to treat some of our animals.

GEORGIA AQUARIUM

Career Information



Are there any internships that help to get this position?

Yes

Is there any way to volunteer or shadow with this position?

Yes

What path did you take to get to working at Georgia Aquarium?

I worked at a Research Center for eight years, where I participated in various research projects, including:

- A study on the potential first hydrogeological reserve in the Yucatan Peninsula,
- Detection of a pesticide in groundwater in the northeastern Yucatan Peninsula,
- Evaluation of water quality through the city distribution system in Cancún, Mexico,
- Occurrence of Pepper Mild Mottle Virus (PMMoV) in groundwater, and
- Water quality and management of captured rainwater.

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What is your favorite part about working at Georgia Aquarium?

The people, the animals, and knowing that I'm helping, even if just a little, with the conservation of aquatic biodiversity.

Is there anything else you want to share about this position?

I really enjoy working here. Even though it might sound like the lab is monotonous, we are always learning and working on very diverse projects!

