

## **Mission Waco Urban REAP Aquaponics Research Specialist 2021**

**Job Description:** Assist Urban REAP Director with managing our Aquaponics System and researching strategies to manage our water quality and pests for maximum system health

### Regular Tasks

- Fish Care
  - Feeding fish
  - Checking fish health
- Water Quality
  - Testing system water quality
  - Adding supplements as needed
  - Cleaning the VFS weekly
  - Topping off the water in the system weekly
- Plant Production
  - Checking plant health and looking for pests
  - Preventive spraying
  - Seeding out basil and other plants for aquaponics production as needed
  - Cleaning cleared trays as needed
  - Assisting with harvest as needed
- Administrative Tasks
  - Adding to the Standard Operating Procedure
  - Keeping the Aquaponics Logs updated

### Special Questions

- How do we manage water quality for maximum fish and plant health?
- What care do we need to do for the fish?
- How do we manage pests and insects?
- How can we manage environmental conditions to grow seasonal plants year round?

### **Required Hard Skills**

Background in Environmental Studies, Ecology, Chemistry, Biology, Horticulture, Sustainable Agriculture, or similar

Preferred - bilingual Spanish

**Apply for position:** Please email Emily Hills at [urbanreapdirector@missionwaco.org](mailto:urbanreapdirector@missionwaco.org). This is an unpaid internship.