



Aquaponics Immersion - Volunteer Experience

Aquaponics is the raising of fish and plants in a symbiotic relationship and represents an efficient, sustainable method of food production that is gaining popularity around the globe.

Each week assist in operations of an aquaponics system and harvesting of produce.
Optional: attend a 30 min virtual lesson on aquaponics.

Typical schedule:

Hands on - Tuesday evenings 6:00-7:00pm,

Virtual - optional online education/training - Monday evenings 6:00pm, 30 min

Experience consists of:

- One 60 min per week hands on volunteer experience in aquaponics working in a team
 - Harvest produce and operate fundamentals of aquaponic system
 - Seeding and crop progression
 - Weight and examine fish to adjust feed rates and assess growth rate
 - Water quality testing and analysis
 - water quality monitoring
 - pH and nutrient adjustments
 - monthly water samples sent to the lab for analysis.
- Optional 30 min virtual education/training class per week
Education/Training class - Follows the Aquaponics and Controlled Environment Agriculture Course Syllabus. One section per week, taught by 100 Gardens Staff. Covers history of aquaponics, controlled environment agriculture, water quality, fish and plant basics, etc.

Other details:

- Volunteers will gain basic understanding of aquaponics and how it can impact the environment, food security and the local economy, gain hands-on application of STEM based learning and be credited with community service hours.
- Multiple sessions, locations and durations to choose from (see signup link)
- Youth welcome, anyone under 14 should be accompanied by an adult.
- Additional optional volunteer premiums:
 - harvesting of greens for personal use
 - harvest and processing of fish for personal use (depending on availability of harvest size fish)
- Experienced volunteers can lead or assist in future sessions and gain additional training and in depth experience.

Sign up link: <https://forms.gle/h4wegfS31zjHPfdH8>