

Position: Aquaponics Graduate Student Intern OR Aquaponics Student Worker
Position Type: Part-Time/Hourly
Work Year: Semester-Basis
Reports to: Aquaponics Technician
Location: Harrisburg, PA

POSITION SUMMARY

The Aquaponics Graduate Student Intern or Student Worker will support the daily operations of the University's aquaponics facilities, including system maintenance, crop planting and harvesting, record keeping, cleaning, etc.

WORK HOURS

Flexible daytime work hours fitting the student's scheduled and as required for system maintenance. Minimum availability of 10 hours per week.

POSITION REQUIREMENTS

- Must be a graduate of an accredited undergraduate program in environmental science, biology, chemistry, or agricultural sciences. Other programs considered on a case by case basis.
- Experience with conducting scientific research.
- Interested in pursuing future research and or work related to controlled environmental agriculture or related fields.
- Transportation to/from the greenhouse site is the responsibility of the student.
- Hardworking, dedicated, meticulous, self-motivated and have a positive attitude. Enjoy working in a greenhouse environment and raising plants and fish.
- Possess leadership skills
- Be willing and able to take and follow instructions.

ESSENTIAL DUTIES AND RESPONSIBILITIES

The tasks for this position will include:

- seeding, transplanting, harvesting and packaging of lettuce, greens and other vegetables
- feeding fish and clarifying the system
- assessing fish health and behavior
- conduct water chemistry tests
- record keeping
- supporting CSA operations
- cleaning and maintenance of the facility
- guiding greenhouse tours and/or workshops
- reading/digesting scientific literature
- developing and designing novel research ideas
- administering support to undergraduate and high school interns

PHYSICAL REQUIREMENTS: Able to consistently operate aquaponics structures and machinery, as well as any necessary chemicals involved in the maintenance of the equipment

All tasks must be performed while adhering to university policy and national, state, and local standards for safety and grant regulatory compliance.

Note: Other duties as assigned to support the mission and vision of the University; nothing in this job description restricts the university's right to assign or reassign duties and responsibilities to this job at any time.