



Greenhouse Manager Job Description

STEM Grown Initiative

Position Overview

The Greenhouse Manager will oversee all operations of the STEM Grown greenhouse initiative, including educational programming, sustainable agriculture practices, and revenue generation through product sales. This position requires a dynamic individual who can balance educational mission with business sustainability while securing future funding through grant development.

Position Details

- **Position Type:** Full-time, grant-funded
- **Duration:** Two years of secured funding; position continuation is dependent upon successful grant acquisition
- **Location:** On-site at greenhouse facility

Key Responsibilities

- Design and implement educational programs that integrate STEM learning with hands-on agricultural experiences
- Manage all greenhouse operations including planting, cultivation, harvesting, and maintenance of crops with focus on microgreens and urban farming techniques
- Develop and execute business strategies to bring greenhouse products to market, ensuring financial sustainability
- Collaborate with the grants team to identify funding opportunities, write grant proposals, and submit applications to ensure continued program funding
- Maintain greenhouse environmental controls, irrigation systems, and equipment to ensure optimal growing conditions
- Oversee outdoor garden beds, rainwater collection systems, and apiary operations for pollinator education
- Build partnerships with local schools, community organizations, and potential customers for product distribution
- Track program metrics, maintain financial records, and prepare reports for stakeholders and funders

Required Qualifications

- **Bachelor's degree in Urban Agriculture, Botany, Biology, or related field**
- Demonstrated knowledge of sustainable agriculture and greenhouse management practices
- Experience developing and delivering educational programming
- Strong written and verbal communication skills for grant writing and stakeholder engagement
- Ability to manage multiple projects simultaneously with attention to detail
- Entrepreneurial mindset with business development and marketing capabilities



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Preferred Qualifications

- Experience with microgreens production and cultivation
- Background in urban farming or community agriculture initiatives
- Proven track record of successful grant writing and fundraising
- Knowledge of farmers' markets, CSA programs, or direct-to-consumer sales models
- Experience with educational curriculum development aligned with STEM standards

Physical Requirements

- Ability to work in greenhouse environments with varying temperatures and humidity
- Capable of standing for extended periods and performing physical tasks including lifting up to 50 pounds
- Comfortable working outdoors in various weather conditions

Application Information

This position is grant-funded with two years of secured funding. Continued employment beyond the initial two-year period is contingent upon successful acquisition of additional grant funding and program sustainability. The ideal candidate will be committed to both the educational mission and the long-term financial viability of the STEM Grown greenhouse initiative.

NOTE: The above description is not intended to be all-inclusive. Employees may perform other related duties to meet the ongoing needs of the organization.

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