



American Samoa Community College
Agriculture, Community, and Natural Resources Division
EMPLOYMENT OPPORTUNITY

Position Title: Plant Tissue Culture Lab Manager
Employment Status: Full Time 12 months (Career Service)

General Description:

Under the direct supervision of the Horticulture Researcher, the Plant Tissue Culture Lab Manager is responsible for operation of the plant tissue culture laboratory to maintain and multiply plant germplasm in support of horticulture and other ACNR research programs. The Plant Tissue Culture Lab Manager also provides technical support to the other research and extension activities of the horticulture program.

Responsibilities and Duties:

Administrative

- Manage day-to-day operations of the plant tissue culture lab
- Maintain the lab premises and equipment in orderly, clean condition required for successful operation
- Develop and maintain SOP's for lab procedures
- Perform other duties as assigned by supervisor

Technical

- Micropropagation of healthy plant material as required for research and extension programs
- Provide training for other staff and students as needed to fulfill research, extension, and instructional purposes related to plant tissue culture
- Assist Horticulture Researcher with demonstrations and presentations
- Assist in conducting horticulture laboratory, greenhouse, and field work. This may include assisting with field preparation, planting, harvesting, data collection, pest control, weed management, and performing lab tests
- Remain current in the field by reading, attending meetings, and developing contacts

Planning

- Ordering, maintaining, tracking, and proper use of plant tissue culture laboratory equipment and supplies
- Maintaining detailed records of all lab procedures and processes and accurate accounting of all stocks of plant materials and lab supplies

Reporting

- Provide monthly reporting of all plant tissue culture lab activities

Minimum Qualifications:

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- Bachelor's degree in plant science, agriculture, or related
- Five years of work experience in a plant tissue culture laboratory
- Five years of laboratory management experience
- Outstanding organizational and record-keeping skills
- Manual dexterity to perform repetitive tasks accurately and efficiently
- Good attention to detail and ability to develop and adhere to standardized protocols
- Strong aptitude for efficient troubleshooting and problem-solving
- Strong verbal and written communications skills in English

- Well-versed in aseptic technique for plant tissue culture
- Ability to do moderately strenuous field work under sometimes difficult weather conditions

Preferred:

- Demonstrated ability to plan and implement a series of experiments to develop and optimize a new micropropagation protocol

Salary: GS-12/06-10-: \$35,412.00 - \$39,572.00 per annum

Application Deadline: May 23rd, 2025 no later than 4:00pm

Applications are available from the American Samoa Community College, Human Resources Office at 699-9155 Ext. 460/466/456/474, 699-2722 ext 3601/3602/3603/3604/3605/3606 or online at www.amsamoa.edu/employmentopportunities or by emailing ascchumanresources@amsamoa.edu.

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