Regular, Full-Time, RCUH Non-Civil Service position with the University of Hawaii at Hilo, College of Agriculture, Forestry, and Natural Resource Management (CAFNRM), GMO Risk Assessment Project, located in Hilo, Hawaii. Continuation of employment is dependent upon program/operational needs, satisfactory work performance, and availability of funds.

Minimum Monthly Salary:
Salary Commensurate with qualifications.

Duties:
- Conduct research projects with CAFNRM faculty.
- Assists with experimental design, execution of experiment, collection, compilation, and interpretation of experimental data.
- Perform statistical analysis and prepare technical reports, summaries, protocols, and quantitative analyses which may include manuscript preparation contributing to scientific journals or other publications.
- Conduct literature searches, create literature reviews, and maintain familiarity with current literature on experimental topics.
- Prepare plant and soil materials for analysis, and conduct assays using standardized procedures and protocols appropriate for the projects.
- Responsible for reading literature pertaining to methodology.
- Initiate and maintain cultures and archival stocks of plant pathogenic bacteria and viruses.
- Prepare supplies of sterile media and culture vessels.
- Initiate and maintain tissue cultured plant stocks.
- Perform DNA (agarose gel analysis, primer design, PCR, Q-PCR, and T-RFLP) and serological analysis of various plant pathogens, including cloning and other DNA manipulation procedures.
- Supervise student assistants in routine laboratory procedures and maintenance.
- Maintain detailed records of laboratory procedures and biological stocks.
- Assist in placing orders for laboratory supplies and equipment, and maintain recordkeeping on these transactions.
- Assist the Principal Investigator (PI) with processing paperwork for the Research Corporation of the University of Hawaii (RCUH).
- Assist PI in personnel administration, procurement, and travel of Post Harvest Technologies, and GMO Risk Assessment.

Minimum Qualifications:
Education:
- Bachelors Degree from an accredited four (4) year college or university in Agriculture, Biology or related field.

**Experience:**
- One to three (1-3) years of laboratory experience in a biology (preferably a plant biology or microbiology) laboratory.

**Abil/Know/Skills:**
- Knowledge of the safety procedures associated with a biosafety level 2 (BL-2) laboratory.
- Knowledge of routine laboratory maintenance routines, as well as safety procedures.
- Knowledge of sterile technique for microbiological and in vitro plant culture.
- Must have strong knowledge of Windows Operating System.
- Working knowledge of administrative actions (e.g., personnel actions, payroll, etc.) in a research environment.
- Familiar with policies and procedures regarding procurement, accounting, and human resources (i.e. RCUH and UH policies and procedures).
- Ability to initiate and maintain microbiological cultures, as well as virus stocks.
- Ability to initiate and maintain plant tissue culture.
- Ability to perform routine DNA analysis and cloning procedures.
- Ability to archive bacterial, viral and plant cultures.

**Desirable Qualifications:**
- One to three (1-3) years of clerical experience.
- One to three (1-3) years of experience handling administrative actions in compliance with RCUH policies/procedures.
- Familiar with common biological lab equipment, and common statistical software programs.
- Familiar with literature review and experimental design techniques.
- Demonstrated ability to recognize problems, identify possible causes and resolve the full range problems that may commonly occur in agricultural or biological science.
- Demonstrated ability to understand oral and written documentation, write reports and procedures, and communicate effectively in a variety of situations.
- Demonstrated ability to establish and maintain effective working relationships with various personnel.
- Functional knowledge and understanding of the principles of experimental design used in biology or agricultural science, including familiarity in advanced statistical data analysis using Minitab, S-plus, Microsoft Excel, or other comparable software.
- Demonstrated use of library, electronic database and other materials for research; possess the ability to operate a personal computer, and have functional knowledge of e-mail systems, biological science databases and the following software:

**Inquiries:**
William Sakai 974-7511 (Hawaii).

**Application Requirements:**
The preferred method of applying for a job is through our on-line application process. Please go to www.rcuh.com, click on Employment and navigate to Job Announcements/Apply for a Job. However, if you do not have access to the Internet,
you may apply by submitting resume; cover letter including Recruitment ID#, referral source, narrative of your qualifications for position and salary history; names, phone numbers and addresses of three supervisory references and copy of degree(s)/transcripts/certificate(s) to qualify for position by fax (808) 956-5022 or mail to Director of Human Resources, Research Corporation of the University of Hawaii, 2530 Dole Street, Sakamaki Hall D-100, Honolulu, HI 96822 before the closing date. EEO/AA Employer.