



## 2014 SUMMER INTERNSHIP PROGRAM

*funded by a grant through the University of Puerto Rico entitled  
"Developing Resident Instruction in Food and Agricultural Related Sciences at Land Grant Institutions in the  
Caribbean and Pacific Islands."*

NMC-CREES is offering a four-week paid internship program from July 28 to August 22, 2014, for CNMI students this summer. Internship program will provide training in the fields of Agriculture and Family and Consumer Sciences.

### Qualifications & Requirements:

- 1) Applicants must be a High School Junior or Senior for SY 2014-2015.
- 2) Must be a U.S. Citizen (copy of US passport or birth certificate)
- 3) Interest in CREES Program: Aquaculture, Entomology, Plant Pathology, Nutrition Program and 4H Youth Program
- 4) GPA of 2.5 or higher (current transcript)
- 5) Submit 2-page application with Liability Waiver form.

**Applications must be submitted by July 11, 2014 by 4:30p.m.**

For more information, please call 234-5498, Ext. 6844/6853.

## Position Descriptions

### **Entomology Research Assistant: 4 positions (Saipan-2/Tinian-2)**

1. Maintain laboratory environment and equipment
2. Assist in the maintenance of the Invertebrate/Insect Collection
3. Assist in the field collection of insects and other arthropods as:
  - a. Agricultural crop pests
  - b. Insects and arthropods that harm humans and domesticated animals (mosquitoes, mites, ticks, fleas, ants, stinging wasps, spiders, etc.)
  - c. infested or insect damaged crops
4. Prepare insect and other arthropods for preservation in the collection
  - a. Pinning and labeling specimens
  - b. Preserving soft-bodied specimens in liquid preservatives
  - c. Arranging specimens in the collection cases, drawers and unit boxes
  - d. Label and record identified species
5. Assist in rearing insects from infested agricultural crops, ornamentals and other plant materials:
  - a. Prepare rearing containers and insect cages for specimens to be reared
  - b. Maintain the specimens by providing appropriate food and recording the periods of emergence of adult insects
6. Other related duties assigned

### **Plant Pathology Research Assistant: 4 positions (Saipan-2/Tinian-2)**

1. Preparation of plant tissue culture medium
2. Aseptic inoculation of plant cells, tissue and cultures
3. Autoclaving
4. Collection and inputting of data into database.
5. Field duties include planting seeds, watering plants, weeding, mulching, labeling of plants, fertilizers application
6. Data collection
7. Other related duties assigned

### **Aquaculture Assistant: 2 positions (Saipan)**

1. Assist Program Manager with maintenance and cleaning of tanks, filters, grounds and plumbing system
2. Assist with feeding of shrimp, tilapia and other maritime species.
3. Keep accurate records of feedings, growth and water quality
4. Assist in research and construction of recycling aquarium systems.
5. Assist with program presentations, demos and meetings.
6. Other related duties assigned.

**Nutrition Program Assistants: 4 positions (Saipan-2/Tinian-2)**

1. Assist Nutrition Educators with preparation of demonstrations and presentations.
2. Assist with presentations pertaining to Nutrition, Physical Activity and Health
3. File and organize documents
4. Prepare literature for distribution to various audiences
5. Prepare displays
6. Join program personnel at various meetings.
7. Assist in administering surveys and questionnaires as needed.
8. Assist with focus groups.
9. Assist with data entry.
10. Type simple correspondences.
11. Other related duties as assigned.

**Food Safety Quality Program Research Assistant: 2 positions (Saipan)**

1. Works under the supervision of the Food Scientist
2. Assist with various value-added products using local produce
3. Prepares materials and supplies for food quality and analysis
4. Assist with daily lab maintenance and clean up
5. Assist with program activities such as workshops and outreach activities
6. Assist Scientist and Program Assistants with research and extension work
7. Assist with program administrative duties
8. Performs other related duties.



**Application for the Summer Internship Program**

*funded by the Resident Instruction in the Caribbean and Pacific Consortium (CARIPAC) grants*

Applicant's Information				
Family Name	Given Name	Middle Initial	Social Security #	Sex
Mailing Address		Street	City	Zip Code
Birthdate	Birthplace		Country of Citizen	
Current Contact Information				
Home Phone	Cell Phone	Email		
How did you learn about this program?		Employer and Position Title (if currently employed)		
List in order of your attendance all high schools in which you enrolled, beginning with your most recent enrollment				
Name of Institution	Location	Dates	Diploma	
Current Educational Status				
Choose one of the options below.				
1) I am in high school in grade (please circle)      9 / 10 / 11 / 12				
2) I am an undergraduate at (institution) _____ in my (please circle) 1st / 2nd / 3rd / 4th year				
3) NMC offers a Natural Resource Management Degree Program. Would you be interested in enrolling?(please circle) Yes      No				
4) If accepted, I would like to Intern under (please specify program) _____				
References				
Name	Position	Address/Phone/Email		
Applicant's Signature _____ Date _____				

- 1) Write an autobiographical summary describing your educational experience. Also, discuss extracurricular activities such as hobbies, particular talents and cultural interest relating to the program.
- 2) Describe your interest in the proposed internship program. In other words, why should we choose you to take part in the program.
- 3) What do you expect out of this program and how will this contribute to your long-range career plans?
- 4) Please describe your educational goals and the colleges/universities you are pursuing to attend and why?

\_\_\_\_\_  
Applicant's Signature

\_\_\_\_\_  
Date