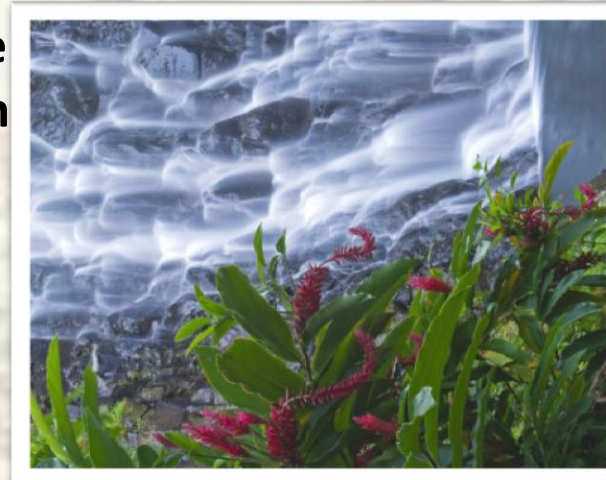




**Innovative Program
Development in Agriculture
Through Distance Education
in the Insular Areas**

**2013 NACTA Conference
Presented by
Christy L. Vineyard, PhD
University of the Virgin Islands**



CariPac Members

- University of the Virgin Islands
- University of Puerto Rico – Mayaguez
- University of Guam
- Palau Community College
- American Samoa Community College
- College of the Marshall Islands
- College of Micronesia - FSM

Challenges of Insular Institutions

- Limited access to faculty,
- Brain drain,
- Remoteness,
- High transportation costs,
- A limited technology infrastructure,
- High technology cost, and
- Unstable utilities

How are CariPac members benefiting from collaboration?

- Increased Student recruitment and retention
- Improved learning environments
- Improved technology resources
- Faculty development opportunities
- Curriculum development for distance education
- Ability to deliver distance education courses

Distance Education

- Challenges
 - Limited bandwidth
 - Access to faculty
 - Curriculum
- Opportunities
 - <http://agricultura.uprm.edu/caripac/partners.html>
 - Entire course vs. supplemental material
 - Video conference
 - Instructional videos
 - Faculty development /student modules

CariPac Website



HOME

- CariPac home
- Project Partners
- Board of Directors

PHASES

RIIAG

- Overall
- Personnel
- Summary

Other Links

- UPRM
- GUAM
- USVI
- SAMOA
- CMI
- FSM
- NMC
- PALAU

CariPac Partners



University of Puerto Rico

Priority Areas: Global Food Security and Hunger
Educational Need Areas: (5) Student Experiential Learning
Key Disciplines: Horticulture, Crop Protection, Agricultural Economics and Agribusiness, Soil Sciences, Agricultural Mechanization Technology



University of Guam

Priority Areas: Global Food Security and Hunger
Educational Need Areas: (3) Instruction Delivery Systems; (5) Student Experiential Learning; and (6) Student Recruitment, Retention, and Educational Equity
Key Disciplines: Horticulture; Nutritional Epidemiology, Public Health and Nutrition, and Plant Nutrition

Video Conferencing Tutorial for Students

(Course is unavailable to students) > Home


Home

- Video Conferencing for Students
 - Home


COURSE MANAGEMENT

- Control Panel
- Content Collection
- Course Tools
- Evaluation
- Grade Center
- Users and Groups
- Customization
- Packages and Utilities
- Help


WELCOME




What to expect when I go to class

Attached Files:  What_to_expect.swf (4.136 MB)

Video Conferencing Do's and Don'ts

Attached Files:  Dos_and_donts.swf (1.573 MB)

Wrap Up



VC Quiz

You will be presented with 10 questions regarding the tutorial you just completed. The quest

Impacts

- Increased student recruitment and retention
 - American Samoa Community College
 - maintain ACNR completion rates at 90% or better thereby increasing the number of ACNR graduates,
 - College of Micronesia – FSM
 - Increased enrollment from 9 to more than 100 students
 - Retention rates at 95%
 - College of the Marshall Islands
 - 90% of full time students were enrolled in STEM courses
 - Palau Community College
 - 100% of Ag Science students completed program requirements for graduation

- 
- Improved learning environments
 - College of the Marshall Islands
 - Equipped two classrooms with video conferencing equipment
 - University of Puerto Rico
 - Enhanced three classrooms for distance education delivery
 - University of the Virgin Islands
 - Improved and upgraded equipment in smart classrooms and video conference rooms
 - University of Guam
 - Updating hardware and software in classroom facilities

- 
- Improved technology resources
 - Satellite access
 - College of Micronesia-FSM
 - Improvements to fiber optic connections
 - University of the Virgin Islands
 - T1 lines to support the delivery of video conference courses

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- Faculty development opportunities
 - University of Puerto Rico
 - Training provided to faculty members in DE technologies
 - University of the Virgin Islands
 - Blackboard certified trainer for faculty development as well as training for faculty to develop online courses
 - University of Guam
 - Faculty have begun reformatting courses for the online and hybrid environment

- Curriculum development for distance education
 - University of Guam
 - AG102 (Intro to Plant Science) course developed for online delivery
 - AG321 (Horticulture Plant ID) has been reinvented as a hybrid course
 - University of Puerto Rico
 - Developed a DVD for courses in Human Nutrition and Food Safety to share with other CariPac members
 - College of Micronesia-FSM
 - Began certificate program on Pohnpei

Conclusions

- Collaboration
- Innovative teaching strategies
 - rejuvenated agriculture industry
 - Retention of local
- Continued dialog with colleagues