PLGA’s Agricultural Development in the American Pacific (ADAP) Project

Project Progress Reports

Work from the period January to June 2009

Presented at the ADAP Board of Directors Meeting
July 22-23, 2009
Semiahmoo, Washington
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PLGA/ADAP Introduction

The Agricultural Development in the American Pacific (ADAP) Project was formally authorized in the 2008 Farm Bill, as an addition to the High-Priority Research and Extension Areas (SEC. 7204) of the Food, Agriculture, Conservation, and Trade Act of 1990:

“(45) AGRICULTURAL DEVELOPMENT IN THE AMERICAN PACIFIC REGION.—Research and extension grants may be made under this section to support food and agricultural science at a consortium of land-grant institutions in the American-Pacific region.

With the inclusion of the Agricultural Develop in the American Pacific (ADAP) Project in the 2008 Farm Bill, we have expanded our partnership to include University of Alaska Fairbanks; the Pacific schools share with Alaska the same issues with regard to community isolation, distance education challenges, and cultural sensitivity. Our traditional partners (University of Hawaii, University of Guam, Northern Marianas College, College of Micronesia, and American Samoa Community College) and the University of Alaska Fairbanks, have decided to create a new organizational framework called the Pacific Land Grant Alliance to begin addressing multi-sector issues that are interconnected with agriculture. Our larger focus is on connecting our small communities into a larger network of collaborators with the goal of regional sustainability. We are going to employ a systems approach to solution development. Toward this end, we will continue in FY2010 to work on the following projects: Food Security, Professional Development, and Communications, Information, and Publication Services. Only by growing together can we achieve a strong regional coalition to serve our local communities and neighboring communities. This coalition also provides ADAP with a larger footprint now making it available for consortium funding.
## ADAP Funding Levels

<table>
<thead>
<tr>
<th>ADAP Year</th>
<th>Fiscal Year</th>
<th>Actual ADAP Budget</th>
<th>Annual Change (Rescission)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 10</td>
<td>FY1997</td>
<td>$533,403</td>
<td></td>
</tr>
<tr>
<td>Year 11</td>
<td>FY1998</td>
<td>$533,403</td>
<td>0.00%</td>
</tr>
<tr>
<td>Year 12</td>
<td>FY1999</td>
<td>$527,904</td>
<td>-1.03%</td>
</tr>
<tr>
<td>Year 13</td>
<td>FY2000</td>
<td>$527,904</td>
<td>0.00%</td>
</tr>
<tr>
<td>Year 14</td>
<td>FY2001</td>
<td>$526,743</td>
<td>-0.22%</td>
</tr>
<tr>
<td>Year 15</td>
<td>FY2002</td>
<td>$516,672</td>
<td>-1.91%</td>
</tr>
<tr>
<td>Year 16</td>
<td>FY2003</td>
<td>$513,314</td>
<td>-0.65%</td>
</tr>
<tr>
<td>Year 17</td>
<td>FY2004</td>
<td>$458,725</td>
<td>-10.63%</td>
</tr>
<tr>
<td>Year 18</td>
<td>FY2005</td>
<td>$454,971</td>
<td>-0.82%</td>
</tr>
<tr>
<td>Year 19</td>
<td>FY2006</td>
<td>$450,347</td>
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</tr>
<tr>
<td>Year 20</td>
<td>FY2007</td>
<td>$0</td>
<td></td>
</tr>
<tr>
<td>Year 21</td>
<td>FY2008</td>
<td>$345,950</td>
<td>-23.18% from Yr19</td>
</tr>
</tbody>
</table>

### 2008 Farm Bill Authorization for ADAP

| Year 22   | FY2009      | $326,664           | 5.57% from Yr21           |
Management and Accountability Project
Core Project

Project Coordination Team: ADAP Project Manager and Regional Coordinators
Funding Allocations and Expenses:

<table>
<thead>
<tr>
<th>Year</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 19</td>
<td>$234,056</td>
</tr>
<tr>
<td>Year 21</td>
<td>$196,981</td>
</tr>
<tr>
<td>Year 22</td>
<td>$233,514</td>
</tr>
</tbody>
</table>

[The large difference in the funds allocation between Year 19 and Year 21 was a result of reducing the Home Office staff (Educational Media Specialist). The difference between Year 21 and Year 22 was due to an increase in the F&A rate applied to the ADAP project, from 8% to 22%.]

OVERVIEW

The Management and Accountability project team includes the home office staff (Project Manager and Coordinator) based at the University of Hawaii and the Regional Coordinators from each ADAP institution. The home office staff is responsible for maintaining a high standard of excellence by organizing, planning, coordinating and providing overall support services for the ADAP project. The home office administers the USDA grant through the Research Corporation of the University of Hawaii (RCUH). Funds are allocated to the ADAP institutions in accordance with the annual plans of work, but distributed on a cost-reimbursement basis. The home office maintains a fiscal accounting system consistent with the needs of participating institutions, RCUH and USDA. The home office also prepares technical and administrative reports that promote the functions and accomplishments of ADAP. With the assistance of the Regional Coordinators, the home office oversees the on-going projects, and coordinates follow-up activities for completed projects, or projects no longer directly receiving ADAP funds. The Regional Coordinators are the link for the home office to communicate with the ADAP Directors and project personnel throughout the region. Regional Coordinators also provide support services to the project principal investigators and cooperators. Under the Management and Accountability project, staff at American Samoa Community College, College of Micronesia, Northern Marianas College, University of Guam, and University of Hawaii accurately report project expenditures, closely monitor project work to ensure that expenditures match work achieved and provide administrative support to the current and previous ADAP projects.

OBJECTIVES

- Promoting accountability and a high standard of excellence
- Planning and coordination of ADAP projects, including follow-up activities for concluded projects
- Developing collaborative projects within the USAPI
- Planning and organization of semi-annual Board of Directors Meeting
OUTPUTS FOR THE PERIOD: JANUARY TO JUNE 2009

American Samoa Community College (ASCC)

- Provided guidance in the management and administration of ASCC ADAP projects.

College of Micronesia (COM)

- Coordinated and facilitated a workshop on Food Security and Sufficiency in Majuro, Marshall Islands.
- Maintained communication links between the six program sites and the central administration.

Northern Marianas College (NMC)

- Ross Manglona, Director and Bonnie Royal, Coordinator attended the Winter Meeting in Honolulu, Hawaii.
- Continued to monitor and manage the ADAP projects to ensure they are carried out accordingly, project reports and financial reports are submitted on a timely manner.
- Worked with Finance office to close out Yr19 accounts.

University of Guam (UOG)

- Travel for the UOG-ADAP Director and Coordinator to the 2009 Winter ADAP Director’s Meeting in Honolulu, Hawaii, January 28-29, 2009, was funded by this core project.
- Travel for the UOG-ADAP Director to attend the Sun Grant Advisory Meeting in Davis, California, March 26, 2009, was funded by this project.
- Balance Summary and Request for Reimbursement Reports are prepared and submitted to the ADAP Home Office, as well as other administrative paperwork such as progress reports, transfer memos, budget sheets, etc.

University of Hawaii (UH)

- The Home Office provided administrative support to our collaborators and colleagues. The Home Office staff have arranged for alternative financial support from other projects. Jim Hollyer is currently receiving half of his salary from a Hawaii Farm Bureau Federation Food Safety grant. Vanessa Troegner is receiving financial support from the Agribusiness Incubator Program (25%) and from the HFBF Food Safety grant (25%). These actions have reduced the salary/fringe expenses within the Home Office, making more funding available for project work.
- UH has submitted the CRIS reports to the USDA.
- Website updates: ADAP (http://www.ctahr.hawaii.edu/adap2/); Food Safety (http://www2.ctahr.hawaii.edu/adap2/FoodSafety/index.htm); Rat Lungworm (http://www2.ctahr.hawaii.edu/adap2/RatLungWorm/index.htm).
OUTCOMES - IMPACT OF THE PROJECT TO JUNE 2009

Each campus has worked to improve the efficiency of the ADAP project management, made accurate reporting of project activities, and made information more accessible.
<table>
<thead>
<tr>
<th>ADAP Project Goals for July 2009 to January 2010</th>
<th>Outputs</th>
<th>Outcomes - Impact</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Management and Accountability project</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activities, Services, Events, Products, or Publications</td>
<td>Plan the ADAP Board of Directors meeting and facilitate discussions on project goals, progress, and pitfalls.</td>
<td>ADAP Board of Directors</td>
</tr>
<tr>
<td><strong>Management and Accountability project</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activities, Services, Events, Products, or Publications</td>
<td>Plan activities and monitor expenses for all ADAP project work. Accurately invoice for all reimbursable expenses.</td>
<td>ADAP Coordinators</td>
</tr>
<tr>
<td><strong>Management and Accountability project</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Year 22 Goals</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activities, Services, Events, Products, or Publications</td>
<td>Create a survey measuring awareness of federal administrative and accounting procedures, with a focus on allowable purchases, and professional behaviors.</td>
<td>Land grant college staff</td>
</tr>
<tr>
<td><strong>Management and Accountability project</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Year 22 Goals</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Activities, Services, Events, Products, or Publications</td>
<td>Create a series of poster illustrating allowable purchases and professional behaviors</td>
<td>Land grant college staff</td>
</tr>
</tbody>
</table>
Professional Development Project  
New Core Project, replacing Human Resources and Capacity Building (HRCB), Enrichment Opportunities (EO), and Leadership Development (LEAD)  

Project Coordination Team: ADAP Project Manager and Regional Coordinators  
Funding Allocations and Expenses:  
Year 19 (EO, HRCB & LEAD) $178,000  
Year 21 $70,000  
Year 22 $70,000  

PROBLEM STATEMENT AND POTENTIAL SOLUTION  

The Professional Development Project is a composite of three projects funded during the FY2006: Leadership Development, Human Resources and Capacity Building, and Enrichment Opportunities. Although previously the Board of Directors sought to view each individual project as unique, upon further investigation, the Board found that the project goals were nearly identical. These three projects sought to improve institutional capacity through three different avenues. Further, the board found that each institution had sought to transfer funds between these three projects in order to meet the needs of the particular institution. Ultimately, each institution has a hierarchy of needs, and having funds dedicated to a low-priority need was not conducive to improving institutional capacity. At the Winter 2008 Board meeting, the directors agreed to combine the three projects to allow each institution greater freedom to focus on the areas most critical to improving the institution capacity. The Professional Development project has three focuses for improving institutional capacity: leadership development, staff enrichment opportunities, and educational opportunities for staff, faculty, and college and high school students.  

Focus 1: Leadership development  
The growth and development of the Pacific Land Grant colleges is tied closely to the growth and development of the small island communities they serve. By supporting the development of strong leadership qualities, ADAP can give the colleges the best chance to make the organizational strides required by their clients and the communities.  

Focus 2: Staff development  
By supporting staff development opportunities, staff training, and institutional initiatives, ADAP can offer a solution to having too few employees, or under-trained employees. Oftentimes, new guidelines and changing federal accounting regulations require specialized knowledge and greater technological skills. Due to the limited human resources of the smaller Land Grant institutions, there is increasing pressure on current staff to take on greater responsibility and to cross-train with other employees. The successful transfer and adoption of knowledge will enhance the productivity and efficiency of those employees. ADAP also aims to target institutional initiatives such as strategic planning. The strategic planning process benefits the institution, and the participants, as they learn more about their institution, their department, and their role within the system.  

Focus 3: Educational initiatives  
By supporting education initiatives, ADAP can help provide qualified employees support to enhance the institution and government services and to advance local agricultural development. Low enrollment in agriculture and home economics classes across the region’s high schools continues to deprive
ADAP institutions of future employees who are knowledgeable in these areas. ADAP has developed many unique programs targeted at different stages of educational development. Each ADAP institution has the opportunity to focus on one, or many of the programs, depending on the needs of the institution and community: A.) The Financial Assistance for an Advanced Degree program provides learning opportunities for Land Grant staff and others seeking a Doctorate or Masters degree. This program benefits both the institution and the individual by creating opportunities to expand or strengthen Land Grant programs and to advance professionally. Financial assistance can be used for U.S. or foreign institutions, but students going to Land Grant colleges are given preference. On-line or virtual degree programs are also considered for this assistance. B.) The Financial Assistance for a 2- or 4-Year College Program provides limited financial support for students pursuing a certificate or degree from their local land grant institution in agriculture or a related field. Assistance is limited and continued assistance is dependent on satisfactory academic performance. ADAP directors and regional coordinators provide assistance with registration, course selection, and career guidance. C.) The High School Apprenticeship Program provides high school students an opportunity for a hands-on educational experience in agricultural research or extension, increasing awareness of the educational opportunities and careers available in agriculture, home economics, and related fields.

OBJECTIVES

- Develop leadership abilities of land grant directors, administrators, departmental chairs, researchers, and employees.
- Create opportunities for Land Grant staff and others to pursue advanced degrees in agriculture or a related field
- Create opportunities for current graduate and undergraduate to continue their studies within agriculture or a related field leading to a degree or certificate
- Create opportunities for hands-on learning experiences for high school students to learn more about agricultural research and extension
- Staff training and professional development opportunities
- Strategic plans for each of the ADAP institutions

OUTPUTS FOR THE PERIOD: JANUARY TO JUNE 2009

American Samoa Community College (ASCC)

- Provided support to ASCC Staff, Mr. Ian Gurr, while he continued his graduate studies at the University of Hawaii. Mr. Gurr completed course work for the spring semester as a full-time student and worked on field project/internship program and thesis project during the summer semester.
- Provided administrative support for the ASCC Summer Institute Program. Forty-five students attended the Program. The ASCC Upward Bound, Gear-Up Program, Step-Up Program, 4-H Summer Program and high school juniors attended the Summer Institute Program.
- Provided support to four students from the Agriculture & Life Sciences Degree Program that received Associate of Science degrees in general agriculture,
agribusiness, natural resources and family & consumer science during the
ASCC’s Spring ’09 Commencement Exercise on May 22, 2009.
  o Ms. Joyce Peters (family & consumer science) graduated with high honor
    was accepted by UH Hilo.
  o Mr. Pele Iuta (general agriculture) got employment with Natural Resources
    Conservation Service after graduation.
  o Mr. Mathew Tuinei (natural resources) received an off-island scholarship
    to attend Kapiolani Community College to study small boat fabrication.
    Mathew will also be taking natural resources courses at UH Manoa
    campus for his Bachelor of Science in Natural Resources.
  o Ms. Fa’atasiga Sialega (agribusiness) is currently working as volunteer for
    the 4-H Youth Program.

College of Micronesia (COM)
  • Scholar Arwan Soson from CMI-CRE continued to perform well at the UH –Hilo
    campus.
  • Robert Jackson attendance at the 2009 USDA Administrative Officers meeting
    conference in Baltimore.

Northern Marianas College (NMC)
  • The Professional Development funds are used to support staff in leadership
    and professional development workshops, as well as, pursue advanced
    degrees in related fields. Funds are also used to support high school students
    in the Internship program giving them an opportunity to get a feel of the
    Agriculture and Family and Consumer Science fields.
    o Ms. Rose Castro, our Nutrition Extension Assistant, was awarded financial
      assistance to support her studies and her goal to earn a Bachelors
      degree. Last May, Ms. Castro graduated with a BA degree in Elementary
      Education. She applied for our Nutrition Educator position and was hired
      for the position.
    o The High School Internship Program has been announced and will begin
      August 3rd through the 28th. Applications are now being accepted.

University of Guam (UOG)
  • UOG provided financial assistance to individuals who wish to pursue a college
    degree, particularly in the fields of agriculture, consumer and family sciences,
    or other related fields of study. This assistance is made available to CNAS
    staff or faculty. Currently, only one individual is under this program—Mr. Jesse
    Rosario, Program Coordinator IV, working in the CNAS Dean’s office. He has
    already earned his bachelor’s degree in Public Administration and is currently
    pursuing a master’s degree in the same field.
  • UOG supported the Summer Research Apprenticeship Program. This program
    is currently in its ninth summer. It is geared towards high school students from
    the various public and private high schools on Guam. The goal of this program
    is to introduce to students the field of agriculture and consumer and family
sciences midway through their high school year in the hopes that they might consider pursuing either field when entering college.

University of Hawaii (UH)

- With these funds, we have supported Brent Sipes, participation in LEAD21, Class 2008-2009, ($8500 for the registration fees).
- For Jim Hollyer’s participation in LEAD21, Class 2009-2010, we have accepted funds from COM ($11,550) for registration and travel expenses. We anticipate that UH will expend an additional $2000 for travel expenses to complete the program.

OUTCOMES - IMPACT OF THE PROJECT TO JUNE 2009

American Samoa Community College (ASCC) – Human Resources and Capacity Building

- The Human & Resources Capacity Building project provided tremendous support for the Staff and students of the American Samoa Community College in professional development and advanced degree studies.

College of Micronesia (COM)

- This project served the faculty, staff and students at the three community colleges and staff from collaborating agencies. It provided opportunities to further their education for the improvement of institutional capacity and the delivery of programs.

Northern Marianas College (NMC)

- The support and the opportunities given under this project is an important factor in the services we provide to our clients and the community. Having well trained and knowledgeable staff increases the quality of services we provide. The project also gives high school students a feel of the Agriculture field and is a way to interest them into pursuing a degree under the NRM degree program here at NMC.

University of Guam (UOG)

- Within UOG, the Financial Assistance to land grant staff for a college degree had an impact on the individuals and the college. Upon completion of their respective degree programs, individuals under this program will have enhanced their capabilities to perform their job tasks more efficiently and effectively.
- Summer Research Apprenticeship Program – High school students are introduced to agriculture and consumer and family sciences with hands-on job experience, and thus an interest in these fields may be peaked and ultimately pursue a course of study in either field upon entering college.
Within UH, Brent Sipes completed his participation in LEAD21 in February 2009. Dr. Sipes found the program “provided invaluable insights into leadership development - both from a personal standpoint and as a member of the CTAHR ohana. This series of workshops/retreats fostered personal reflection on why we do what we do and on why others do what they do. Attendance and participation in LEAD21 will benefit the college because I am better prepared to assist in leadership and help leaders meet the goals that the college has set.”
<table>
<thead>
<tr>
<th>ADAP Project Goals for July 2009 to January 2010</th>
<th>Outputs</th>
<th>Outcomes - Impact</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Activities, Services, Events, Products, or Publications</td>
<td>Participation / Participants</td>
</tr>
<tr>
<td><strong>Professional Development</strong> Sponsor the participation of one participant (land grant staff) to the LEAD21 leadership workshops.</td>
<td>Land grant college staff</td>
<td>Increased work toward personal performance goals; increased awareness of professional weaknesses, and strengths as seen by colleagues.</td>
</tr>
<tr>
<td><strong>Professional Development</strong> Continue to support the participation of James Hollyer in the LEAD21 workshops. A greater part of Jim's participation was paid for by COM.</td>
<td>Jim Hollyer</td>
<td>Increased work toward personal performance goals; increased awareness of professional weaknesses, and strengths as seen by colleagues.</td>
</tr>
<tr>
<td><strong>Professional Development</strong> Create opportunities for Land Grant staff and others to pursue advanced degrees in agriculture or related field.</td>
<td>Land grant staff and others</td>
<td>Better educated Land Grant employees; more opportunities for land grant staff to apply for and obtain grant funding; a land grant college (or office) that is more efficient and better able to meet stakeholder needs.</td>
</tr>
<tr>
<td><strong>Professional Development</strong> Create opportunities for high school students to learn more about land grant programs and agricultural and scientific fields of study</td>
<td>High school students</td>
<td>More student interest in the agricultural sciences; greater minority representation in the sciences.</td>
</tr>
<tr>
<td><strong>Professional Development</strong> Facilitate strategic planning for the ADAP institutions.</td>
<td>Land grant staff and others</td>
<td>Optimization of land grant performance through the collaborative efforts of the staff.</td>
</tr>
</tbody>
</table>
Communications, Information and Publications Services Project
Core Project

Project Coordination Team: ADAP Project Manager and Regional Coordinators, and Eileen Herring (UH Hamilton Library)

Funding Allocations and Expenses:

<table>
<thead>
<tr>
<th>Year</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 19</td>
<td>$20,030</td>
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<tr>
<td>Year 21</td>
<td>$10,000</td>
</tr>
<tr>
<td>Year 22</td>
<td>$11,150</td>
</tr>
</tbody>
</table>

**PROBLEM STATEMENT AND POTENTIAL SOLUTION**

The ADAP Communications, Information and Publications Service (CIPS) project was created to coordinate and address the information needs of the ADAP institutions, communities and clientele on a regional basis. This project will help provide and make accessible, appropriate information and materials that will benefit the American Pacific region and encourage economic and agricultural sustainability. As a result of more open and immediate access to information, duplication of work in the region will be reduced, leading to more efficient use of fiscal and human resources. The increased utilization of electronic communication capabilities can greatly reduce travel costs for various meetings, training, and workshops.

The Library Services Project is a small UH-based project under the CIPS umbrella. The libraries of the Pacific Land grants do not have the library resources (both hardcopy, and electronic) that the University of Hawaii has. The Library Services Project provides one-on-one assistance in retrieving research journals articles, and books. These services allow researchers across the Pacific access to current studies in their field, providing strong groundwork for research and extension projects. Also within CIPS, Ms. Eileen Herring maintains the Traditional Pacific Island Crops Website contains links to quality internet resources that deal with the production, marketing, and research aspects of these twelve important traditional Pacific Island crops. Related marketing and statistical sites, databases, and other reference sources are also included. The emphasis is on collecting full-text resources so that Pacific Islanders who have Web access but do not have access to library print resources can find the information they need to grow and market these crops. Each of the included resources has been identified and evaluated by Ms. Herring for the quality of their information and relevance to Pacific island agriculture.

**OUTPUTS FOR THE PERIOD: JANUARY TO JUNE 2009**

American Samoa used CIPS (Year 19) funding to pay for the cost of printing publications, brochures, banner and advertisements on the local newspaper, television and radio for the American Samoa Food Security Conference scheduled on February 18 & 19, 2009. Additionally, ASCC provided communication services, such as internet access, document exchange services via fax, internet or mail, and communication services via telephone, teleconference, email or fax.

College of Micronesia (COM) continued maintenance and improvement of communication among the six program delivery sites in Micronesia.
At NMC, Aquaculture Program brochures were printed out for distribution to clients and during community events. Also, the video and camera equipment purchased out of Yr18 funds are being used for various CREES activities and community events. Funding is also used for editing, design and publication of brochures and posters used for our programs. Publications paid out of this project funds are used for distribution to clients and during community events, workshops, etc. These publications assist in distributing information of our services, programs and information on various projects and activities CREES is involved in. Outreach plays an important role in reaching out to our clients.

At UH, the Library Services Project provided full-text articles, and performed resource searches in support of Pacific region researchers, details are listed below.

**UH - CIPS**

<table>
<thead>
<tr>
<th>Location</th>
<th>Searches</th>
<th>Articles</th>
<th>Book Loans</th>
<th>Hours</th>
<th>Value*</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASCC</td>
<td>0</td>
<td>24</td>
<td>1</td>
<td>8.5</td>
<td>$350.00</td>
</tr>
<tr>
<td>COM-FSM</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0.5</td>
<td>$-</td>
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<td>0</td>
<td>2</td>
<td>0</td>
<td>2.0</td>
<td>$30.00</td>
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<td>NMC</td>
<td>0</td>
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<td>0.0</td>
<td>$-</td>
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<tr>
<td>UOG</td>
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<td>29</td>
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<td>Fiji</td>
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<td>1</td>
<td>0</td>
<td>0.5</td>
<td>$20.00</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>13</strong></td>
<td><strong>56</strong></td>
<td><strong>1</strong></td>
<td><strong>27.5</strong></td>
<td><strong>$1,419.00</strong></td>
</tr>
</tbody>
</table>

*The figures given in the “Value” column are based on the current rate schedule of the University of Hawaii at Manoa Library’s External Services Program. (ESP). ESP provides library services for non-UH Manoa patrons. ESP charges fees on a cost-recovery basis. In April 2009, the Regents of the University of Hawaii approved an increase in the fees charged by ESP and the chart above reflects these increases for services provided starting in April. The new fee schedule is available at http://library.manoa.hawaii.edu/departments/access/esp/services.html

In addition to these activities, the ADAP librarian, Eileen Herring, attended the annual Agriculture Network Information Center (AgNIC) Annual Coordinating Committee Meeting as a representative of ADAP and the UHM Library. This year the meeting was held at the National Agricultural Library (NAL) in Beltsville, Maryland from 21 - 23 April 2009. Attendance at this meeting is mandatory for the continued inclusion of the ADAP supported *Traditional Pacific Island Crops* Web site in NAL’s AgNIC partnership. Eileen has been working with Lori Finch, the NAL Thesaurus coordinator, on the addition of tropical crop descriptors to the Thesaurus. During this meeting, Eileen again met with Lori Finch to review some of the new tropical crop descriptors additions she has requested over the past year. These descriptors will be valuable when Eileen starts adding new CTAHR resources to the AgNIC database as well as for others who use the thesaurus to index information on tropical crops. As a result of this work with NAL, at the AgNIC meeting Eileen received a Certificate of Appreciation from USDA for her
“outstanding contributions of tropical agriculture terminology to the NAL Agricultural Thesaurus.”

THE TRADITIONAL PACIFIC ISLAND CROPS WEB SITE (AgNIC PARTNER) (HTTP://LIBWEB.HAWAII.EDU/LIBDEPT/SCITECH/AGNIC/)

This ADAP supported project provides access to Pacific relevant full-text electronic resources about 12 traditional Pacific Island Crops:

- Bananas and Plantains (Musa sp.)
- Betel Nut (Areca catechu)
- Breadfruit (Artocarpus altulis)
- Cassava (Manihot esculenta)
- Coconut (Cocos nucifera)
- Kava (Piper methysticum)
- Noni (Morinda citrifolia)
- Pandanus (Pandanus sp.)
- Sugarcane (Saccharum officinarum)
- Sweet Potato (Ipomoea batatas)
- Taro (Colocasia esculenta) and other Edible Aroids
- Yam (Dioscorea sp.)

The Web site contains links to quality World Wide Web resources that deal with the production, marketing, and research aspects of these twelve important traditional Pacific Island crops. Related marketing and statistical sites, databases, and other reference sources are also included. The emphasis is on collecting full-text resources so that Pacific Islanders who have Web access but do not have access to library print resources can find the information they need to grow and market these crops. Each of the included resources has been identified and evaluated by Eileen for the quality of their information and relevance to Pacific island agriculture.

All of the current links on the Web site are checked regularly and updated as necessary. While the Web site continues to be useful, it is in need of a major update to utilize Web 2.0 functionality and conform to current Web page design expectations. If approved by UH Manoa Library Administration, Eileen proposes to work on this next year as one of her sabbatical projects.

During the past six months (January through December), the Traditional Pacific Island Crops Web site has received 10,141 page requests (that translates into 20,651 “hits”). During this six month period, banana and yam were the most popular crops with 909 page requests for banana and 875 page requests for yam. Among the worldwide users of this information, the following Pacific island domains accessed these Web pages during the time frame covered by this report:

- .am (American Samoa)
- .au (Australia)
- .ck (Cook Islands)
- .fj (Fiji)
- .fm (Micronesia)
- .nz (New Zealand)
During the past six months, the ADAP librarian answered 5 email reference questions from users throughout the world concerning these twelve crops.

**GRANT DEVELOPMENT AND CAPACITY BUILDING PROJECT**

Grant Development and Capacity Building Project was a small project embedded in the CIPS project with the goal of educating faculty and staff within the American Pacific Land Grant institutions and government agencies in ways increase funding for research, education and extension projects. Too often, grant workshops (sponsored by the USDA) take a “one-size fits all” approach to teaching how find, and apply for grants. Dr. Sharee Pepper is a grantwriting coach. She advises researchers on a one-on-one basis, providing valuable feedback on writing style, language usage, formatting, experimental design, and project scope, as well as, providing guidance and answering questions about the grant submittal process.

Although ADAP support for the Grant Development and Capacity Building Project was discontinued in December 2006, Dr. Pepper continues to maintain her contacts in the Pacific region and continues to provide grant information. Her new position within the CTAHR Agribusiness Incubator Project requires her to focus her efforts on Hawaii-based opportunities, but there is often an overlap between the opportunities for Hawaii and those for the Pacific region. Thus, she is able to continue to provide grant opportunity emails to the ADAP collaborators. **During this period, emails were sent on 1/7/2009, 1/20/2009, 1/21/2009, 1/29/2009, 2/10/2009, 2/12/2009, 3/5/2009, 3/12/2009, 3/24/2009, 4/7/2009, 4/23/2009, 5/19/2009, 6/18/2009, and 6/4/2009.**

Currently, ADAP is subscribed to TechSoup Stock and GrantStation. These two organizations work together to provide technology, equipment, and software to non-profit organizations at a greatly reduced rate. Additionally, GrantStation provides a gateway for searching for grant opportunities from the many non-profit organizations across the US.

**OUTCOMES - IMPACT OF THE PROJECT TO JUNE 2009**

At all participating ADAP institutions, more grant proposals have been submitted for consideration to the TSTAR program. Proposals from Hawaii and Guam were funded through TSTAR, but we feel the quality of the proposals from COM, NMC, and ASCC were of a higher caliber than previous years.
<table>
<thead>
<tr>
<th>ADAP Project Goals for July 2009 to January 2010</th>
<th>Outputs</th>
<th>Outcomes - Impact</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Activities, Services, Events, Products, or Publications</strong></td>
<td><strong>Participation / Participants</strong></td>
<td><strong>Impact</strong></td>
</tr>
<tr>
<td>Communication, Information, and Publication Services (CIPS)</td>
<td>Provide communication services for regional coordination, such as document exchange services via fax, internet or mail, and communication services via telephone, email or fax.</td>
<td>Land grant college staff</td>
</tr>
<tr>
<td>Communication, Information, and Publication Services (CIPS)</td>
<td>Provide access to research materials through library document delivery services, internet-based database access for extension materials (such as AgNic), and library material exchanges and donations</td>
<td>Land grant college staff</td>
</tr>
<tr>
<td>Communication, Information, and Publication Services (CIPS)</td>
<td>Provide publication services for research and extension materials, brochures, and posters. Provide assistance with layout, design, and proofreading. Provide assistance with pre-printing requirements (pre-flight), and other technical aspects of printing/publication.</td>
<td>Land grant college staff</td>
</tr>
</tbody>
</table>
Bioenergy Feedstock Assessment – FINAL REPORT

Principal Investigator: Goro Uehara (UH)
Co-PIs: Robert Paull (UH) and Mari Marutani (UOG)
Project Manager: Richard Ogoshi (UH)
Final Accounting of Expenses: $45,083

July 18, 2009
Re: Closing report

The total award for the project “Bioenergy Feedstocks Assessment” was $47,742. The award was partitioned to University of Guam ($12,700) and the Department of Tropical Plant and Soil Sciences at the University of Hawaii ($35,042). The following is a list of impacts and recommendations that result from project work.

Impacts

The knowledge gained from the *Jatropha* experiment directly affected oil yield estimates reported in bioenergy studies authored by the investigators (Ogoshi, 2008; Fares et al, 2009). Oil yields in the published literature report up to 700 gallons per acre per year. However, based on the experience gained from the *Jatropha* experiment, the oil yield estimates were reduced to a more likely 200 to 300 gallons per acre per year. Accurate yield projections are crucial to determine whether the State of Hawaii has the land resources to produce sufficient quantities of biofuel to satisfy its needs.

In the published literature, *Jatropha curcas* is considered a highly invasive species. The Hawaii Department of Agriculture (HDOA) is considering placing *Jatropha* on its restricted plant list which would ban its importation and propagation. However, observations from the *Jatropha* experiment could not confirm its invasiveness. Mature seeds of the *Jatropha* tree fell to the soil and germinated, but would not grow well under the shade of the maternal tree. The *Jatropha* did not spread beyond the plot boundary. These observations were reported to the Hawaii Invasive Species Council and HDOA during discussions to reduce the spread of invasive species. No final decision has been made to place restrictions on *Jatropha*.

The investigators are currently using the *Jatropha* plot as part of a Pacific network to conduct an experiment funded by the Western Sun Grant Center, Oregon State University. The objective of the experiment is to determine whether cooler air temperature (higher elevation) increases the unsaturated fatty acid content in topical oil seeds and increases the NOx emissions from diesel engines using fuel derived from these seed. NOx is a greenhouse gas 300 times more powerful than carbon dioxide and an EPA regulated pollutant. Collaborators on this project include the American Samoa Community College, College of Micronesia, Northern Marianas College, and the University of Guam.
Recommendations

The following are rough estimates of the characteristics of *Jatropha* trees started from cuttings from the Pearl City (PC) Urban Garden Center and from nurseryman Bernie Caguan's (BC) Waianae farm.

<table>
<thead>
<tr>
<th>Origin</th>
<th>Age (yrs)</th>
<th>Height (m)</th>
<th>Plant Structure</th>
<th>Growth Characteristics</th>
<th>Flowering</th>
</tr>
</thead>
<tbody>
<tr>
<td>PC</td>
<td>3.5</td>
<td>3.5</td>
<td>upright</td>
<td>retains leaves all year</td>
<td>late autumn and late spring</td>
</tr>
<tr>
<td>BC</td>
<td>4.5</td>
<td>2.0</td>
<td>bushy</td>
<td>defoliates in spring</td>
<td>late autumn and late spring</td>
</tr>
</tbody>
</table>

Other trees were started from seed.

Preliminary conclusion from these observations is that there exists great genetic variability in *Jatropha curcas* and there is still much to learn about this plant. The PC plants are about a year younger than the BC trees but put on biomass at a faster rate than the BC trees and produced more seed earlier. But, the BC plants, for the first time, will have a high oil yield this season. Because of the large variability in plant performance, it would be unwise to recommend large plantings of *Jatropha* from seed at this stage. The best option is to identify a high yielding plant and apply tissue culture technology to produce planting material. In doing so we assume that a high yielding plant will perform well in a wide range of environments. We need to conduct genotype by environment experiments to learn if high yielding selections will perform better than other selections in a wide range of environments. Like other under-utilized and under-studied plant, *Jatropha curcas* appears to have good potential for crop improvement by breeding and selection.

References


Food Security Project

Project Coordination Team: ADAP Project Manager and Regional Coordinators
Funding Allocations and Expenses:
Year 21 $68,950
Year 22 $12,000

PROBLEM STATEMENT AND POTENTIAL SOLUTION

The aim of the Food Security Project is to develop avenues for communities to provide a balanced diet to all households within the United States-Affiliated Pacific Islands (USAPI). Further, our aim is to ensure that these food sources are safe from the effects of economic recession, environmental change, labor shortages, and local, national, and international trade tariffs. Long-term food security requires that each island have sustainable agriculture, both on a small-scale and commercial basis. By providing opportunities for increased food security, we can positively influence our small island economies. This project will also empower communities and individuals to make informed decisions about their health, through a healthy, well-balanced diet. A project of this scope requires a concerted effort to garner community support throughout the entire process. With the help of local community organizations, church organizations, and local government resources, we aim to create an environment for change.

For FY2010, the ADAP project will build on the momentum of the regional two-day Food Security meeting held in November 2008. During the remainder of 2009, we will be conducting local and regional food security forums to discuss the concerns of local stakeholders and to begin to outline plans for where the skills of our institutions can have a significant impact on food security. For 2010, we will meet again as a region to begin implementing small-scale, community-focused projects. Our plans are to attract additional funding to our effort, with ADAP funds as seed money. Findings from community projects will be shared with the region; successes in Saipan will help farmers in American Samoa; educational products developed in Hawaii and Alaska will help community teachers across the Pacific. Funds will be spent for salaries for educational specialists, laboratory and plant propagation specialists, local project coordinators, a project manager, for meeting travel, and on supplies for community demonstration projects. In addition to Food Security, the ADAP project will also work to support the Professional Development in the Land Grant Institutions by supporting leadership workshops, computer workshops, and tuition reimbursement programs for staff members who pursue further education.

OBJECTIVES

- Match appropriate agricultural technologies to community and island needs.
- Develop an integrated program that allows community members to make informed decisions about a healthy diet through sustainable, backyard agriculture.
- Identify government level challenges to sustainable region-wide agriculture, such as trade tariffs and agricultural water rights.
- Develop working groups to explore each island’s challenges to sustainable agriculture and food security, and explore the cultural and economic barriers to island agricultural sustainability.
- Develop a 5-year preliminary roadmap to island-wide, countrywide, and region-wide food security.

**OUTPUTS FOR THE PERIOD: JANUARY TO JUNE 2009**

**American Samoa Community College (ASCC)**

- ASCC held a 2-day, island-wide workshop on Food Security in American Samoa. Out puts of this conference included the creation of the American Samoa Food Council to explore challenges to sustainable agriculture and food security.
- ASCC developed working groups to follow up on the outcome and impact of the food security conference held on February.
- Please see the conference proceedings, “ASIASIGA: A Conference for Food Security in American Samoa,” for a full description of activities. The proceedings were distributed to research and extension clients, and American Samoa government agencies, and private sector cooperators.

**College of Micronesia (COM)**

- Conducted a workshop on Food Security and Sufficiency on April 6-9, 2009 in Majuro, Marshall Islands. Please see the workshop report for a full description of activities and impacts.

**Northern Marianas College (NMC)**

- NMC conducted 2009 CNMI Agriculture Summit, February 11-12, 2009. Please see the workshop conference report for a full description of activities and impacts.

**University of Guam (UOG)**

- A proposal was prepared and submitted by Peter Barcinas, an Extension Agent with the college, on how the University of Guam plans to utilize $11,400 on the ADAP Regional Food Security and Sufficiency Project.

**University of Hawaii (UH)**

- Began to preliminary work on a community and farmer education campaign to increase interest in Hawaii-grown produce. Placards will be developed for both the farmer’s market and grocery shelves, making consumers aware of which items are local produce. This project fits within the HDOA/CTAHR “Buy Fresh – Buy Local” campaign and also provides information to farmers on the COOL (Country of Origin Labling) requirements for exporting produce neighbor island, or to the mainland.
OUTCOMES - IMPACT OF THE PROJECT TO JUNE 2009

American Samoa Community College (ASCC)
- Please see the conference proceedings, “ASIASIGA: A Conference for Food Security in American Samoa,” for a full description of activities. This document will be placed on the ADAP website.

College of Micronesia (COM)
- Conducted a workshop on Food Security and Sufficiency on April 6-9, 2009 in Majuro, Marshall Islands. Please see the workshop report for a full description of activities and impacts. This document will be placed on the ADAP website.

Northern Marianas College (NMC)
- NMC conducted 2009 CNMI Agriculture Summit, February 11-12, 2009. Please see the workshop conference report for a full description of activities and impacts. This document will be placed on the ADAP website.

University of Guam (UOG)
- The UOG Food Security project will increase the knowledge and understanding of the island’s food security and sufficiency issues and programs in order that community decisions on food security will be based on informed decisions and known challenges. Ultimately, implementation of policies and programs will result in increased food security and community practice of food security measures, resulting in greater protection of life during times of food shortage.

University of Hawaii (UH)
- UH’s efforts to expand the “Buy Fresh – Buy Local” campaign to include farmer’s market and grocery placards, coupled with other state efforts to make consumers aware agricultural sustainability efforts in Hawaii, will increase the demand for Hawaii-grown products. Increased market demand should lead to an expansion of Hawaii agriculture, and make our island more self-sufficient. These efforts will increase the community food security of the island.
Campus Reports
American Samoa Community College Campus Report
Prepared by: Dan Aga and Eseta I.P. Su'a-Kalio

- Submitted to USDA CSREES and received “acceptance letter” for the “2010 ASCC Combined Research & Extension Plan of Work” and “2008 Combined Annual Report of Accomplishments & Results.”

- Submitted FY ’10 budget to the American Samoa Government budget office for review and approval.

- Two full-time faculty members have been hired for the Instructional Department of CNR.
College of Micronesia Campus Report  
Prepared by: Singeru Singeo and Robert Jackson

1. This week, the three Micronesian Presidents are meeting and we're asking them to extend the COM Treaty for another two years while we're waiting for Palau to complete its negotiation with the U.S. on its Compact.

2. The world financial market's downturn caused a lot of "paper loss" to our endowment fund, dropping from about $6 million to a little over $4 million. We expect this value to increase as the financial market improves, but at this time, we don't plan to sell any of our stocks as we don't want to realize the loss.

3. The new accreditation requirement for the community colleges relative to the land-grant researchers is creating difficulty in recruitment. Now, all non-US PhD degrees must be evaluated to ensure that they are equivalent to the US degrees. While it is a good procedure to have it, it takes time and funds to do these evaluations of universities all over the world.

4. New research facilities are now operational in: Kosrae, Chuuk, Pohnpei, and Majuro. A new aquaculture research facility is being built in Palau.

5. There is a continuing staff turnover of both research and extension staff. In Majuro, there are no researchers: when the only aquaculture researcher recently resigned and there is only one extension position filled. Three researcher positions and several extension positions are still open there. A researcher's position in Pohnpei is yet to be filled and extension positions in Chuuk and Yap are still being advertised.
Northern Marianas College Campus Report  
Prepared by: Ross S. Manglona, Director, NMC-CREES

The past six months have been very intense for the staff, faculty, and students of Northern Marianas College. With the Western Association of Schools and Colleges placing the institution on continued show cause status, NMC breathed a short sigh of relief as this action could have been worse. With perseverance, the college community buckled itself down for a grueling three months to show that actual progress has been made to satisfy WASC’s concerns. After a long fought battle to show improvement, on July 2, 2009 NMC received its official notification that its accreditation status has been reaffirmed.

Besides tackling the aforementioned issues with accreditation, high impacting events took place this reporting period to include:

1. Governor Benigno R. Fitial appointed Mr. Juan S. Demapan to the NMC Board of Regents. His appointment was finalized by the concurrence of the CNMI Senate;
2. Regent Agnes M. Mcpheters tendered her resignation;
3. We are now in search of a new Dean of Academic Programs & Services and a Director of Institutional Effectiveness after the resignations of Dean Debra Cabrera and Director William Castro;
4. NMC expects to receive $4 million in American Recovery and Reinvestment Act (ARRA) funds to revitalize buildings and provide for much needed staffing needs;
5. Northern Marianas College President, Carmen Fernandez was renewed and her contract was extended to a 4-year contract;
6. The institution completed construction of its English laboratory which was funded using NMC foundation funding;
7. The CNMI government is now looking for ways to stabilize our retirement fund. The fund has resorted to filing a $200 million suit for the un-received employer contributions.
University of Alaska Fairbanks Campus Report
Prepared by: Carol E. Lewis, Dean and Director, School of Natural Resources and Agricultural Sciences, Agricultural and Forestry Experiment Station, University of Alaska Fairbanks

STATE REPORT FOR FY 09
JULY 14, 2009

Three events highlighted the year for the School of Natural Resources and Agricultural Sciences (SNRAS) and the Agricultural and Forestry Experiment Station (AFES). We are launching the strategic plan for the Palmer Center for Sustainable Living, formerly the Palmer Research and Extension Center in south central Alaska. SNAP, the Scenarios Network for Alaska Planning, rose to prominence as an outreach center for climate information in Alaska, and our livestock program received a boost (non-monetary at this point) from the University of Alaska Board of Regents. With new management in our business office that incorporates CES as well as SNRAS and AFES, we were able to end the budget year with a small surplus giving us a reasonable outlook to enable us to not go into a deficit position in FY 10.

Palmer Center for Sustainable Living: The Palmer Research and Extension Center (PREC) in south central Alaska has been under a great deal of pressure from urban expansion of the Anchorage core into the Matanuska Valley. The PREC comprises our SNRAS/AFES south central Alaska administrative offices located on 23 acres in downtown Palmer, 40 miles from Anchorage, and the Matanuska Experiment Farm (MEF) on 1000 acres approximately 7 miles west of Palmer. In 2006, the AFES allowed sales of two pieces of property on the MEF totaling 40 acres for construction of a regional hospital. Rather than succumb to further sales of our lands, we created an innovative plan for the PREC renaming it the Palmer Center for Sustainable Living (PCSL). The PCSL includes: the Matanuska Experiment Farm dedicated to agricultural research, education, and public service; Kerttula Hall, the former Palmer Research Laboratory, dedicated to a prominent agriculturalist and Alaska State Senator who obtained the original funding that will house our administrative support staff as well as faculty offices, classrooms, and laboratories; the Matanuska Colony History Center providing a future conference center, distance delivery facilities (ready for class in fall 2009), a future historical and natural resources library and guest offices that includes all of our historical buildings that date to 1917; and the Alaska Environmental Studies and Learning Park our headquarters for our K-12 natural resource and geography programs in south central Alaska, the Biomass Energy Research and Development Laboratory, and the future UAF Mountain Science Center honoring Brad Washburn, mountaineer and distinguished geographer. The unveiling of the PCSL will be held August 6, 2009, at an invitation only gathering for distinguished Alaskans that will feature an Alaskan Grown luncheon and will include tours of the 1000 acre property.

Scenarios for Alaska Planning (SNAP): SNAP is a collaborative network of the University of Alaska, state, federal, and local agencies, and NGOs. It is a part of the University of Alaska Geography Program housed in SNRAS and is the creation of Associate Professor Scott Rupp of the Forest Sciences and Geography departments.
The primary products of the network are (1) datasets and maps projecting future conditions for selected variables, and (2) rules and models that develop these projections, based on historical conditions and trends. SNAP is assisting the Governor's Sub-Cabinet with the task of preparing and implementing an Alaska Climate Change Strategy. This will be a transparent document which deals with state policies for anticipated climate change. The Sub-Cabinet's goals include building the state's knowledge of the actual and foreseeable effects of climate warming in Alaska, developing appropriate measures and policies to prepare communities in Alaska for the anticipated impacts from climate change, and providing guidance regarding Alaska's participation in regional and national efforts addressing causes and effects of climate change. SNAP has come into prominence because of its outreach capabilities to agencies providing them with a user-friendly interface to access predictive climate models that are regionalized within Alaska. Learn more about SNAP at http://www.snap.uaf.edu.

Livestock Program: The species of choice for the predominant component of AFES livestock research is the reindeer. However, we are also working with a pastured herd of Angus that are only grass fed. Recently, we hosted a luncheon for the University of Alaska Board of Regents that featured our Angus cattle. The Board was impressed with the quality of the meat as were we with the chef’s preparation. A boost to our reindeer program in Nome is the purchase of a mobile slaughter plant in partnership with the Northwest Community Campus. The slaughter plant will not only serve the reindeer industry on the Seward Peninsula but will be a feature in our High Latitude Range Management certificate program offered through the Northwest Community Campus that includes instruction and training in reindeer slaughter and processing.
University of Hawaii Campus Report
Prepared by: Andrew Hashimoto, Dean, UH-CTAHR

July 2009

Budget Cuts: Like other state government agencies, the University of Hawaii has been hard hit by the current economic situation and the downturn in state revenues. The 2009 Legislature reduced the university’s general fund budget by $46 million per year for the next two fiscal years in order to balance the state budget. To partially offset these reductions, the University anticipates an infusion of federal stimulus funds of $22 million per year for the next two years.

However, the Governor has notified the University that she is restricting UH’s budget by $52.1 million in Fiscal Year 2010, and $54.7 million in Fiscal Year 2011, resulting in overall general funds reductions of $76 million in FY10 and $78 million in FY11.

At UH Mānoa, our cuts amount to at least $66 million, or 26% of our general fund budget of $260 million over the next two years. This campus anticipates federal stimulus funds to offset $14.7 million for each year of the biennium. With ongoing labor negotiations including a contested court case which determined that the Governor’s plan to furlough workers for three days per month must be negotiated with labor unions, progressively gloomy economic forecasts, and other factors that determine the required “budgetary bottom line,” the Mānoa Chancellor has provided plans to meet net reductions amounting to $36 million this fiscal year by re-directing tuition, fees and other available funds received from increased tuition costs and an increase in enrollment; reducing operating costs for utilities and mandating other efficiency savings; imposing 4% reductions on all programs, and directing staffing and course reductions.

Other sources of funding, such as funds received for research and return of overhead funds from research grants and contracts may are also available to reduce and redirect existing resources to meet budget cuts. To date, the unfunded shortfall on this campus is $30 million. Other universities are using furloughs, retirement incentives, pay reductions, and elimination of programs and entire schools --- options that are possibilities for us. One thing is certain: these are tough times and trimming is necessary. We are looking to be meaner and leaner, and are committed to educating our students and fulfilling our core mission.

Enrollment: After five consecutive years of increasing enrollment, which saw a 40% increase in CTAHR’s student majors from 2002 to 2007, the college’s total enrollment dropped dramatically in Fall 2008. CTAHR’s enrollment in Fall 2008 was 754, 10% lower than in Fall 2007 (839 student majors). The decrease came primarily at the undergraduate level, in CTAHR’s three largest academic programs. The number of student semester credit hours taught by CTAHR’s programs, however, remained approximately the same. We anticipate an increase in enrollment in the 2009-2010 academic year.
Grants and contracts: During FY2008, the college experienced steep declines in both the number and value of its grants and contracts, 116 extramural awards worth just over $11 million. For FY 2009, the college’s faculty and staff members have received 169 awards worth almost $19 million.

Changes in Leadership: Dr. M.R.C. Greenwood, chancellor emerita of the University of California, Santa Cruz, has been named president of the University of Hawaii System. A nationally and internationally known expert on obesity and diabetes, Greenwood is also considered a national leader on science and technology policy and an expert on higher education policy issues. University of Hawaii at Manoa also has a new Vice Chancellor of Academic Affairs: Dr. Reed Dasenbrock who served as the cabinet secretary in charge of New Mexico’s Higher Education Department before joining UHM. He formerly served as provost, Dean of the College of Arts and Sciences, and professor of English at the University of New Mexico. Dr. Doug Vincent has replaced retiring Dr. James Carpenter as chair of the college’s Department of Human Nutrition, Food and Animal Sciences. Dr. Cathy Chan-Halbrendt will replace Dr. Carl Evensen as the chair of the Department of Natural Resources and Environmental Management on August 1. Dr. Russell Nagata has arrived from University of Florida to assume the county administrator for Hawai‘i County.