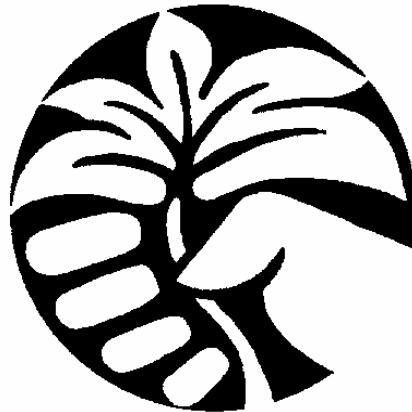


Agricultural Development in the American Pacific (ADAP) Project

Project Progress Reports



Work from the period January 2005 – July 2005

**Presented at the
ADAP Board of Directors Meeting
July 13 – 14, 2005
Santa Fe, NM**

Name of Project	Healthy Living in the Pacific Islands
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Principal Investigator	Dr. Rachel Novotny (University of Hawai'i)
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Funding Amount	Year 16 \$0
	Year 17 \$25,000 + \$20,000
	Year 18 \$9,775

PROBLEM STATEMENT AND POTENTIAL SOLUTION

The Healthy Living in the Pacific Islands (HLPI) project strives to balance the universal values of our common Pacific Islander ancestors with modern influences. When an imbalance occurs, we see increased mortality, excess health care costs to treat disease, increased non-communicable diseases (chronic diseases), poor living conditions and a decrease in food security. These problems are expressed in individuals but must be solved by working with communities and societies. In spite of the efforts of a variety of government and community-based programs to address these problems, many of them are worsening. Our strategy is to increase collaboration and community-based strategic planning to better utilize scarce resources and promote self-sufficiency. The goal of HLPI is to create healthy people living in healthy communities. Our objectives are to 1) increase self-sufficiency 2) collaborate with stakeholders 3) build local capacity and 4) transfer knowledge. We view this as a long-term initiative, no shorter than five years, seeking long-term sustainable change.

As a result of the Planning Meeting in Aug 2002 the objectives of HLPI were revised by the PI/Co-PI group as follows:

Three main objectives.

1. To increase production and consumption of healthy locally-produced food
2. To increase knowledge about health and nutrition
3. To increase physical activity

With the following strategies used initially to promote these objectives:

1. Health Communication
2. Community-based intervention and facilitation
3. Institutional/Food System/Health

RESULTS AND ACCOMPLISHMENTS FOR THE PERIOD: JANUARY 2005 TO JUNE 2005

American Samoa Community College (ASCC)

The American Samoa Community College (ASCC) division of Community & Natural Resources (CNR) Families, 4-H & Nutrition (F4-HN) unit were able to travel to Manu'a on April 4-8 and May 10-14, 2005. Presentations on obesity survey and nutrition lessons based on healthy eating and the importance of physical activities to prevent overweight and obesity were presented to hundred and forty students (one High School and three elementary schools). Fifty food recalls were taken from 25 children, 12 men, and 13 women. These recalls were taken to measure any improvement of student eating habit each day. The tasting of five local recipes was tested at three village groups. The *supo esi*, (made with ripe papaya and diluted coconut cream), the *vaisalo* (made from the flesh of the coconut, and tapioca), the *sua fa'i*, (made from

ripe papaya and tapioca), *pilikaki* soup (made from mackerel, breadfruit, and diluted coconut cream) and the breadfruit salad (made from cooked breadfruit, tuna, mayonaise. The tasting of local recipes showed the importance of eating from what can be grown on your backyard would be inexpensive and lower the risk of obesity. More than hundred food stamp clients attended nutrition education lessons throughout this period of time. From the months of April to June, 2005, each first week of the month, the food stamp clients weighted themselves and exercised after each lesson. A majority of the clients managed to control their eating habit and exercised more.

College of Micronesia (COM)

- In Palau, 41 (8 men and 33 women) completed the Expanded Food and Nutrition Education Program (EFNEP).
- The recipe book is completed and currently being printed.
- After being translated into the local language, the HLPI posters are currently under review.

Northern Marianas College (NMC)

- 24-hour food recall information was collected from 50 people.
- Two “Healthy Pacific Child” conferences were held with the CNMI community featuring Dr. Rachel Novotny of University of Hawaii as the keynote speaker/presenter. She addressed the following topics: the prevention of childhood obesity in the Pacific, and the Healthy Living in the Pacific Islands-Healthy Pacific Child Project Survey in the CNMI. Dr. Novotny participated in the Question & Answer portion, after her presentation.
- A meeting was held between Dr. Novotny, and the CNMI House of Representatives, to discuss the Healthy Living in the Pacific Islands-Healthy Pacific Child Project Survey: project timeline, survey procedures, and the potential benefits to the CNMI.
- A meeting was held with Dr. Novotny, NMC-CREES, and CNMI Public School System representatives, to discuss strategies that can be used to address the growing childhood obesity in the CNMI.
- Training was held for those taking part in the data-gathering portion of the Healthy Living in the Pacific Islands-Healthy Pacific Child Project (HLPI-HPCP). Participants included individuals from the community, and personnel from the CNMI Department of Public Health, NMC-CREES, University of Guam, and University of Hawaii.
- On June 20, 2005, the HLPI-HPCP Survey was successfully initiated with a total of 17 participants from the CNMI completing the training.
- Radio advertisements that focused on empowering parents to guide their children on the path to better health were placed on two local stations.
- Newspaper advertisements that described the benefits of having children receive health screenings (as a means to prevent overweight and obesity and chronic diseases) and the benefits of participating in the HLPI-HPCP were placed in the local newspaper.

University of Guam (UOG)

- **HLPI/Extension Publication** - A Healthy Living Disaster Preparedness Resource Packet, "Typhoon Preparation Tips – Before the Storm", was developed and is currently under going final review and public input. This is available for comment on the University of Guam website. The final adoption is scheduled for August ending the formal comment period.
- **School Meal Initiative Project** - Specific HLPI work effort includes programming and technical assistance to the Department of Education and the School Meal Lunch Program. Plan of work includes helping promote the School Meal Initiative (SMI) with the Department of Education. This project involves providing certification for food safety and HACCP training for cafeteria managers and cafeteria personnel to include food service providers. The HLPI emphasis aligns the promotion and outreach efforts of the HLPI program goals through the DOE school system. Access to the 50,000 student, school community provides a tremendous programming advantage for outreach. The pilot project of the HLPI-SMI, include placemats entitled, "My Pyramid and Latte Stone". This project is scheduled to be presented at the following pilot schools: Juan M. Guerrero Elementary School – July 1, 9, and 15, 2005; and 4-H Summer Health/Nutrition Workshops – July 18-22, 2005. Other partner schools will be scheduled during the year.

University of Hawaii (UH)

- Provided administrative support for ongoing HLPI projects across the Pacific.
- Worked with Ka'ala Farms to prepare and conduct workshops and learning activities to reduce disparities in the prevalence of chronic diseases among Pacific Island peoples by addressing the multiplicity of influential factors, and respecting cultural values, through program project using community-based holistic, collaborative and sustainable approaches.
- Planned activities include: Pre-School activities to grow, cook, and eat taro. Food preparation workshops involving 30 children and their families. Evaluation questionnaire.

ESTIMATED IMPACT OF THE PROJECT TO JUNE 2005

American Samoa Community College (ASCC)

In American Samoa, a pre-test revealed that twelve of the twenty men and women that attended nutrition lessons at the Food Stamp Program on "Healthy Eating for Prevention of Obesity and Overweight" could not correctly identify food items that were high in saturated fats. A post-test, taken at a later visit, revealed that all were able to identify those items high in saturated fat from the list of twenty food items. Out of the 50 participants who completed food recalls, 40 reported that they were able to choose and used the food guide pyramid for healthy food choices. Additionally, three elementary schools were interested in the physical education component of the program.

Northern Marianas College (NMC)

Parents and child care providers who attended the Healthy Pacific Child Conference now have a better understanding of the risks of childhood obesity and actions that can be taken to prevent childhood obesity and encourage better health.

Parents who choose to have their children participate in the HLPI-HPCP Survey will receive a free screening as well as be referred to CNMI Department of Public Health for screening results that are not within the normal range.

Name of Project	Better Crops in the Pacific Islands
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Principal investigator	Dr. Craig Smith
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Funding Amount	Year 16 \$10,000
	Year 17 \$0
	Year 18 \$0

PROBLEM STATEMENT AND POTENTIAL SOLUTION

Many people in the Pacific Insular areas have stopped raising vegetables because it has become too difficult for vegetable farming to remain a viable occupation. Because of pests and diseases, multiple harvest crops such as beans, cucumbers, bitter gourd, and tomatoes grow for a few months before prematurely succumbing to disease and dying. The situation is not as bad for crops where harvesting is able to begin early, such as cucumbers and bitter gourd in American Samoa. However, other crops are not able to begin a harvest before the plants begin to die, such as beans and tomatoes in American Samoa. Premature crop failure has kept many Pacific Islanders from continuing to grow vegetables. Sources of locally available seeds are usually retail packets from the major seed companies with older versions of non-hybrid varieties bred for cold regions. These low-cost seeds usually do not perform well in the tropics. Consequently, to keep a supply of fresh vegetables, wholesalers and retail stores usually import their own supplies because the local producers are not reliable in quality and quantity. As a result, a larger share of the family food dollar goes to pay for the imported vegetables. More locally-grown vegetables are needed to help decrease the rise of diet-related diseases in the Pacific Islands, such as diabetes, obesity and gout.

Our Project intends to identify better varieties of local favorite commodities than currently available in the areas served by American Samoa Community College (ASCC), the College of Micronesia (COM) and the Northern Marianas College (NMC). Focus will be on nutrient-dense vegetables that produce greater yields under current conditions of disease, pests, rainfall, humidity and temperature. Once concluded, information on the better performing varieties and better farming practices will be distributed to local communities. To increase the likelihood that these better quality seeds will be available within the communities, testing results will be made available to international seed companies. Elsewhere in the world, successful commercial growers have adopted hybrid vegetable seed because of greater yields, adaptation to local growing conditions, and multiple-disease resistance. World-wide, the most successful vegetable growers use hybrids. For the past 10 - 20 years, Asian seed companies such as Takii and Sakata seed companies in Japan, Known-You Seed Company in Taiwan, China Tai Seed Company in Thailand, and organizations such as the Asian Vegetable Research and Development Center (AVRDC) in Taiwan, have done remarkable work in developing vegetable seed hybrids for the hot, humid wet tropics. Tropical areas have a 12-month growing season for both the crop, and the attacking pests and diseases. Many retail US seed companies appear to be content with their market share of selling non-hybrid varieties that were adapted to temperate countries decades ago. To serve the immigrant market, some US seed companies are now reselling hybrids developed and grown by Asian companies for tropical climates.

RESULTS AND ACCOMPLISHMENTS FOR THE PERIOD: JANUARY 2005 TO JUNE 2005
American Samoa Community College (ASCC)

During this period, Dr. Daniel Aga, Dean & Director of the American Samoa Community College (ASCC) division of Community & Natural Resources (CNR) appointed Mr. Larry Hirata,

ASCC CNR Agriculture Economist to be ASCC's Better Crops in the Pacific Islands Project Co-PI recently. Mr. Hirata is in the planning process for implementing the Better Crops in the Pacific Islands project in American Samoa.

College of Micronesia (COM)

COM designated Dr. Flodeliza Javier, an agronomist researcher, as the Co-PI representing Micronesia.

Northern Marianas College (NMC)

During this period, project planning was underway: The project will test varieties of improved vegetable crops adapted to the tropical Pacific Basin. Seeds, supplies and publication materials will be agreed upon the PI/co-PIS, and send direct to the researchers. The best varieties will be extended to the client audiences and the seed companies.

Name of Project	Distance Education Opportunities Project
Coordination Team:	Dr. Lee Yudin, Annie Santos (University of Guam), and Regional Coordinators
Funding Amount Requested	Year 16 \$15,000 Year 17 \$0 Year 18 \$0

PROBLEM STATEMENT AND POTENTIAL SOLUTION

Distance Education is a powerful tool in providing learning opportunities for individuals living in distant or isolated communities. This project is designed to explore and evaluate different models for providing learning opportunities to Pacific Island people.

RESULTS AND ACCOMPLISHMENTS FOR THE PERIOD: JANUARY 2005 TO JUNE 2005

During this period, University of Guam spearheaded project planning.

GOALS FOR THE PROJECT FOR THE NEXT SIX MONTHS: JULY 2005 TO DECEMBER 2005

Funds under this project will be used to purchase audio-visual production equipment in order to provide greater capacity and capability to meet the distance education needs in the region and to make a greater impact. Lucyann Kerry, an Extension Agent and Project Director of Promoting Agriculture Education in the Western Pacific at the University of Guam, has worked closely with faculty at the college to develop agriculture courses which can be accessed on-line to benefit distance education students from the region. With this new equipment, she says we can produce a product that is multi-format and flexible in its transfer of knowledge, information and instructional content.

Name of Project

Management Services

Coordination Team: ADAP Project Manager and Regional Coordinators

Funding Amount Year 16 \$229,642
 Year 17 \$213,536
 Year 18 \$211,956

PROBLEM STATEMENT AND POTENTIAL SOLUTION

Administrative services and program support are essential for planning and implementing ADAP activities for the five Land Grant institutions to collaborate on research, extension and training activities. Management Services is the primary means of collaboration for the ADAP Project.

Management Services includes the home office staff (project manager, coordinator and educational specialist) based at the University of Hawai'i and the regional coordinators from each ADAP institution. The home office is responsible for organizing, planning, coordinating and providing overall support services for the ADAP project. They administer the USDA grant through the Research Corporation of the University of Hawai'i (RCUH). Funds are allocated to the ADAP institutions in accordance with the plans of work, but distributed on a cost reimbursement basis. The home office maintains a fiscal system consistent with the needs of participating fiscal institutions, RCUH and USDA. They also prepare technical and administrative reports that promote the functions and accomplishments of ADAP. The home office oversees the functions of the Communication, Information, and Publication Service (CIPS). The regional coordinators are the link for the home office to communicate with the ADAP directors and project personnel throughout the region. They also provide support services to the project principal investigators and cooperators.

Management services is responsible for organizing the semi-annual ADAP board of directors meetings, at which the ADAP directors, project manager and coordinators plan, organize and make policy decisions for the project. They also maintain collaborative ties with other agencies.

RESULTS AND ACCOMPLISHMENTS FOR THE PERIOD: JANUARY 2005 TO JUNE 2005

American Samoa Community College (ASCC)

The American Samoa Community College provided support to personnel that were involved with the taping of the ParaVet training project in American Samoa. Under the general leadership of the ADAP Director, the video project that took place in American Samoa was successfully completed and footage was submitted to the Cooperative State Research, Education and Extension Services Communications office. Brief summaries of some of the tasks in producing the ParaVet training video footage are as follows:

- Negotiated with the American Samoa Government Officials and Office of Public Communications (KVZK TV) personnel on producing video footage. Laid out goals and objectives of the video footage. Negotiated the cost of the production of the film and salaries of personnel involved in the taping and reasonable working hours to conduct the taping and to complete the project. Discussed the timeframe to complete the product and submit to DC before the deadline.

- Composed consultant services contracts with specific scope of work to align with guidelines of the video footage outlined by CSREES Communications Information Systems Office personnel.
- Hired two Cameramen, Mr. Peretana Tima, and Ken Meleah, and a Video Production Producer/Supervisor, Mr. Peni Failautusi, to perform the videotaping of the Paravet project in American Samoa.
- Scheduled meetings with farmers to discuss the goal of the film.
- Interviewed local farmers that adopted the Paravet project training information to improve their agricultural farming habits and lifestyle.

Additionally, ASCC awarded certificates of Appreciation and Completion of Associate of Science Degrees in the Agriculture Life Science Department (ALSD) degree program with ASCC to four ASCC ADAP Scholars and a student majoring in ALS program. Degrees that were awarded included General Agriculture, Natural Resources and Agribusiness. Miss Malaea Ale received two Associate of Science degrees in General Agriculture and Agribusiness. Miss Noel Opa received an Associate of Science degrees in General Agriculture. Natural Resources Degrees were awarded to Miss Vise Vaivai and Mr. Makeati Utufiti on May 20, 2005 during ASCC Spring '05 Commencement Exercise. Also, ASCC staff coordinated ADAP core projects and provided administrative support to all ADAP affiliated activities from other American Pacific Colleges and Universities.

College of Micronesia (COM)

1. Monitored and maintained fiscal reports of project expenditures;
2. Planned and coordinated staff development programs, including travel arrangements;
3. Continued to support and facilitated the work of PIs and Cooperators for ADAP projects including the filming of the CSREES Partners' video on the pearl project in Pohnpei.

Northern Marianas College (NMC)

1. Anthony Benavente attended ADAP winter 2005 meeting;
2. Reimbursements for Year 16 & Year 17 are up to date;
3. Coordinated all ADAP activities and transactions.

University of Guam (UOG)

1. A full-time employee was hired under this project to assist with the administrative functions of ADAP;
2. Budget Summary and Request for Reimbursement Reports are accurately prepared and submitted to ADAP Home Office for processing;
3. Faster and more reliable record keeping at UOG.

University of Hawaii (UH)

1. Jim Hollyer facilitated Strategic Planning sessions for the College of Micronesia at the Chuuk (June 14 – 17, 2005) and Yap (June 19-22, 2005) campuses.
2. Prepared and submitted the ADAP Year 18 proposal. The proposal was reviewed and approved by the USDA.
3. Updated the ADAP website with current financial information and updated the web links of the “Pacific Peoples’ Initiative,” a comprehensive listing of Pacific related projects based at the University of Hawaii.
4. Maintained the financial records for the ADAP project: Year 16 and Year 17.

ESTIMATED IMPACT OF THE PROJECT TO JUNE 2005

American Samoa Community College (ASCC)

The taping of the Paravet Project video footage in American Samoa was a great learning experience to not only the staff of the American Samoa Community College (ASCC) division of Community & Natural Resources (CNR) (Mr. Lokeni Lokeni, Agriculture Extension Agent I, Miss Amio Mavaega, Agriculture Extension Agent II, Mr. Failagi Saili, Agriculture Extension Agent II & Mr. Tavita Elisara, Agriculture Extension Program Manager) but the American Samoa Government Department of Agriculture (ASDoA) (Mr. Paulo Silao, Vet. Assistant and Mr. Apaia Apaia Jr., Veterinary Technician). Mr. Edward Avegalio, a local pig farmer who participated in the interview, reported that he enjoyed the filming and enjoyed sharing his success stories. He feels he has benefited from the information, services, knowledge and skills shared by the American Samoa Paravet Training Team. The farmers especially favored the safety methods.

The awards presented to the ASCC Agriculture and Life Science Department degree Graduates during ASCC Spring '05 graduation became an incentive to students majoring in ALS degree programs. The awards motivated the students to continuing to pursue higher degree in the field of agriculture. In addition, the award presentation promoted visibility of degree program to the general public, other students, the parents, and the community members that witnessed the award presentation over the local television. ASCC has received numerous calls and informal positive feedback from the community on the visibility of the program and increased attraction to this and other ASCC degree programs.

Also, the management services project served as the center of information flow for all ADAP projects with ASCC.

College of Micronesia (COM)

COM's fiscal and program reports are much more updated and with timely submission to the home office.

Northern Marianas College (NMC)

With a success of 2004 summer apprenticeship program, we have 16 high school students for 2005 summer apprenticeship training. We can say that there is an awareness and interest of these high school students in the field of agriculture and family and consumer sciences.

University of Guam (UOG)

The key will be greater accountability toward funds spent and allocated for these resources.

University of Hawaii (UH)

During this period, UH has been working to improve the office efficiency and project communication. Our small improvements have allowed us to expand our stakeholder and client services. Additionally, by keeping up with technology and software advances, we hope to continue to improve the quality and accessibility of the ADAP website.

GOALS FOR THE PROJECT FOR THE NEXT SIX MONTHS: JULY 2005 TO DECEMBER 2005

American Samoa Community College (ASCC)

1. Continue to coordinate and provide administrative support for the planning and implementation of the American Samoa Community College (ASCC) ADAP activities for the remaining period of the project year.
2. Continue to monitor ASCC ADAP project expenditures and making sure that it is within the federal guidelines (compliance) and meet goals and objectives and plan of work outline for each project.
3. Continue to promote ADAP Human Resources & Capacity Building project awareness program in the community to improve the agricultural field higher level of education for the people of the territory to live better lives.

College of Micronesia (COM)

1. Support and assist in facilitating the work of PI's and Cooperators of ADAP projects;
2. Coordinate ADAP supported staff development programs;
3. Encourage linking ADAP supported projects with programs of the three colleges, such as the new RI initiative, in order to provide leverage and efficiency for the program and funding.

Northern Marianas College (NMC)

1. We will try to use up most of our Year 16 & Year 17 funds by September 30, 2005;
2. Edgar Cocker is our new Acting Interim Director as of June 27, 2005;
3. We will train, motivate and assist our summer interns so that they will gain additional knowledge in the field of agriculture and family and consumer sciences.

University of Guam (UOG)

1. Employee evaluations;

2. Continuous scrutiny of finances;
3. Better communication between home office and UOG.

University of Hawaii (UH)

1. Distribute the ADAP Year 18 Plan of Work;
2. Update the online ADAP Directory and produce a print copy for each ADAP office;
3. Jim Hollyer will continue assisting the College of Micronesia with the Strategic Planning sessions for Kosrae and Pohnpei campuses;
4. Continue provide a high level of service to clients, colleagues, and stakeholders.

Name of Project Leadership Development in the 21st Century

Coordination Team: ADAP Project Manager and Regional Coordinators

Funding Amount Year 16 \$34,000
 Year 17 \$34,000
 Year 18 \$78,075

PROBLEM STATEMENT AND POTENTIAL SOLUTION

The establishment of the Pacific Land Grants, especially American Samoa Community College, College of Micronesia, Northern Marianas College, and the University of Guam, has been critically important to these small but growing regions of the Pacific. One of the areas that are often overlooked in building such an institution from the ground-up is the consistent development of leadership qualities within the staff. Without such skills, these institutions, including the College of Tropical Agriculture and Human Resources at the University of Hawai'i, will not make the organizational strides required by their clients.

ADAP will send one representative from each ADAP institution to the ESCOP/ACOP leadership Development program as often as funding is available.

CANDIDATES FOR LEAD 21, SESSION 1 JUNE 26 – 30, 2005

ASCC: Eseta Su'a-Kalio
 COM: Thomas Taro (cancelled at last minute due to PCC situation)
 NMC: Edgar Cocker (cancelled)
 UOG: David Crisostomo
 UH: J. Kenneth Grace

IMPROVEMENTS AND RECOMMENDATIONS:

American Samoa Community College (ASCC)

Eseta Su'a-Kalio, ASCC CNR Office Manager/ADAP Coordinator attended phase I of the Lead 21 Leadership Development Training in Indianapolis, Indiana on June 25 –30, 2005. Phase I of the program included class assignments such as pre-workshop on line assessment workbook. Participants were required to complete and choose raters from their institution to rate their leadership performance. In addition, at Indianapolis, participants were given a variety of leadership exercises, activities, case studies group discussions and interactions in a formal and informal classroom settings. The result of individual assessments was provided to the participants for their information and goal planning to strengthen leadership style. Before departing Indianapolis, Indiana participants were assigned to brainstorm an individual project to work on throughout the training period. ASCC participant plans to work on the Community & Natural Resources restructuring of the organizational chart (linking research, extension and academics) and aligning employees education, experience, credentials and nature of the job with compensation.

ASCC participant recommend to the Lead 21 Leadership Development Training Program to have more time with the peer coaching exercise/activities/discussions similar to the peer coaching activity.

The Lead 21 Staff of Trainers did an excellent job training the participants. The materials (books, handouts, presentations, exercises, activities, case studies, individual and group discussions) used at the program were very useful and very much relate to the reality ("real world") of organizational leadership. The overall Lead 21 Phase I learning tools and methods made ASCC participant's learning experience fun, exciting and rewarding.

Northern Marianas College (NMC)

Due to a transition for CREES Director's position, Edgar Cocker did not attend the leadership workshop.

University of Guam (UOG)

Due the re-organization of this program (combined ESCOP/ ACOP and NELD) additional funds will be needed to support this program. Instead of 2 conferences per year there are now three trips to the US mainland. This extra trip will add to the overall expense of this program.

University of Hawaii (UH)

In the ADAP Year 18 proposal, additional funds were provided to each institution to cover the increased program costs, increased registration costs, and increased travel costs. For the current candidates to the LEAD21 (2005-2006), funds in Year 16 and Year 17 should be completely expended, before requesting additional funds. If you require additional funds for 2005-2006 candidates, please forward a request to the Home Office. Year 18 funds will become available in September for the Leadership candidates beginning their programs in June 2006 (application deadline April 2006).

Name of Project**Enrichment Opportunity Project**

Coordination Team:

ADAP Project Manager and Regional Coordinators

Funding Amount

Year 16 \$35,000

Year 17 \$35,000

Year 18 \$35,000

PROBLEM STATEMENT AND POTENTIAL SOLUTION

The ADAP Enrichment Opportunity Project fills the need to increase institutional and governmental capability and credibility for regional agricultural development. Oftentimes, new initiatives must be implemented which usually require new guidelines and new regulations. There is a continuing need to provide staff development or training opportunities to enhance the productivity and efficiency of appropriate institutional and governmental employees. The successful transfer and adoption of knowledge will enhance the productivity and efficiency of those employees. To strengthen, improve and increase their skills, the land-grant directors need discretionary training funds to expand ADAP-sponsored activities or have staff and government employees partake in professional development or training activities.

RESULTS AND ACCOMPLISHMENTS FOR THE PERIOD: JANUARY 2005 TO JUNE 2005American Samoa Community College (ASCC)

Supported student tuition and fees for continuing American Samoa Community College (ASCC) ADAP Scholars that attended ASCC Spring '05 semester. Miss Marella Moe and Mr. Saitumua Frost continued degree studies to summer '05 semester and Ms. Visa Vaivai graduated on May 20, 2005 from ASCC with an Associate of Science Degree in Natural Resources. The American Samoa Government Department of Marine and Wildlife Resources currently employs Ms. Vaivai in the Natural Resources related unit as the Wildlife Technician. Ms. Jessica Ludgate, ASCC ADAP Recipient Alumni is currently studying her undergraduate degree in Natural Resources at Washington State University. Another ASCC ADAP alumni; Ms. Sasauli Satele, is currently employed by University of Hawaii, Manoa Campus Sea Grant program.

College of Micronesia (COM)

Monies are being used to provide training to the extension and administrative staff at the extension sites in Chuuk and Yap involving the following: Developing strategic plans; How to interface with the stakeholders; etc.

Northern Marianas College (NMC)

Enrichment Opportunities monies allowed Naydine Aguon, Patricia Coleman, Lisa Benavente, Joanne Ogo and Edgar Cocker to attend a Food Safety & Expanded Food and Nutrition Education Program (EFNEP) workshop in Guam. Additionally, NMC funded A. Sabaldica, A. Mendiola, F. Muna, J. Santos, M. Barcinas, M. Ogo and W. Aldan to attend the Saipan Paravet Ceremony.

University of Guam (UOG)

There was no activity in this project during this period, although, we are preparing for the 2005 Summer Research Apprenticeship Program.

University of Hawaii (UH)

During this period, Dr. Sharee Pepper attended the Pacific Public Health conference in Honolulu, Hawaii. Vanessa Troegner and Dennis Miyahara attended computer graphics and electronic document classes.

ESTIMATED IMPACT OF THE PROJECT TO JUNE 2005

American Samoa Community College (ASCC)

Tuition assistance increased student enrollment in the Agriculture and Life Science Department (ALSD) degree programs at the American Samoa Community College (ASCC). Many ASCC ALS graduates went into the agriculture workforce, while others pursued further higher education goals within the agricultural field.

College of Micronesia (COM)

After attending workshops, extension agents and staff will be able to understand how to evaluate their stakeholders' needs and modify and update their individual plan of work for effective implementation in the future. It is expected that as a result of the staff working together, they will be more effective as a team.

Northern Marianas College (NMC)

The EFNEP workshop attendees gained additional knowledge, which helps them to better serve their clients.

University of Guam (UOG)

High school students who participate in the research apprenticeship program gain knowledge and experience in the field of scientific research, working alongside research faculty from the college. Most of these students already express an interest in the field of science and by working in an actual laboratory environment, getting hands-on training, and observing what all is involved in scientific research, this may provide a positive influence in their future educational pursuits. Additionally, the Research Apprenticeship Program aids in the college's recruitment efforts.

UOG Success Stories:

Melanie Dolores, a student who participated in the Summer Research Apprenticeship Program in 2003 was selected as a Gates Millenium Scholar. She was awarded a scholarship in the amount of \$17,449 for the 2005-2006 academic year. Melanie was nominated by her high school teacher and written a letter of recommendation by Dr. Ross Miller, Professor of Entomology with CNAS and the scientist with whom she did her research apprentice.

Two other high school students who participated in the program in 2004, Qian Nan Jiang and Andrew Aube, graduated this academic school year as valedictorian and salutatorian of their class, respectively. Qian Nan Jiang did her apprenticeship with Dr. Maika Vuki, Associate Professor of Chemistry, and Andrew Aube worked with Dr. Jian Yang, Food Scientist.

University of Hawaii (UH)

UH staff were able to provide more timely and more sophisticated services to clients, colleagues, and stakeholders.

GOALS FOR THE PROJECT FOR THE NEXT SIX MONTHS: JULY 2005 TO DECEMBER 2005

American Samoa Community College (ASCC)

Continue to retain students majoring in Agriculture and Life Science Degree program until completion of degree and promote graduates to continue pursuing higher level of education in the agriculture or agricultural related fields.

College of Micronesia (COM)

Similar training on how to develop strategic plan and interfacing with the stakeholders will be held in Kosrae and Pohnpei. The training in these two sites will be followed by bringing the Coordinators of the four FSM extension sites together; to a coordinated strategic plan execution for all the FSM's four extension sites; to provide and support continuous development of the staff based on what they had learned from this exercise.

Northern Marianas College (NMC)

We plan to use the remaining balance for staff development with NMC.

University of Guam (UOG)

Monies from Year 17 will be used to fund the 2005 Summer Research Apprenticeship Program, scheduled to run from July 1 – August 5, 2005. Five high school students have been selected to participate in the program this summer. A total of 28 high school students applied for these five (5) internships before the final selection was made.

University of Hawaii (UH)

UH will continue to focus on staff development, specifically in computer graphics and web design skills.

Name of Project Human Resources & Capacity Building Project

Coordination Team: ADAP Project Manager and Regional Coordinators

Funding Amount Year 16 \$60,000
 Year 17 \$60,000
 Year 18 \$70,000

PROBLEM STATEMENT AND POTENTIAL SOLUTION

The American Pacific Land Grant institutions and government agencies want to increase their levels of trained and competent staff in order to enhance the institution and government services and to advance local agricultural development (or its allied fields). One way to help increase the number of qualified employees is to provide high school and college students, i.e. potential future employees, and current government or ADAP institution employees, with the opportunity to compete for educational scholarships. ADAP has developed programs targeted at different stages of educational development. The funds are available to all Pacific Land Grants except University of Hawaii. The titles of the three educational scholarship programs are:

Financial Assistance for an Extension/ Research High School Apprenticeship Program

Justification: Low enrollment in agriculture and home economics classes in ADAP region high schools continues to deprive ADAP countries of future employees who are knowledgeable in these areas. A cursory survey of students reveals a lack of awareness of the educational opportunities and careers available in agriculture, home economics, and related fields.

Financial Assistance for attending a 2- or 4-Year College or an Accredited Virtual University Program

Justification: Local college scholarships are limited and awards are typically based on prioritized field of studies. At the present time, agriculture and home economics are not priority fields in most ADAP countries. 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.

Financial Assistance for an Advanced Degree Studies Program

Justification: Land Grant staff is limited in the ability to expand or strengthen programs and to advance professionally. ADAP scholarships for advanced degrees are made available to meet this need. 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.

RESULTS AND ACCOMPLISHMENTS FOR THE PERIOD: JANUARY 2005 TO JUNE 2005

American Samoa Community College (ASCC)

Three American Samoa Community College (ASCC) ADAP scholars and a Agriculture and Life Science Department (ALSD) degree program student graduated from ASCC on May 20, 2005 during ASCC's Spring '05 Commencement Exercise. Following is the list of Graduates and Associate of Science degree program:

- Miss Malaea Ale, Agribusiness & General Agriculture
- Miss Noel Opa, General Agriculture
- Ms. Visa Vaivai, Natural Resources
- Mr. Makeati Utufiti, Natural Resources

College of Micronesia (COM)

An Extension Agent, supported by ADAP funds, is attending UH Hilo with major in Agriculture.

Northern Marianas College (NMC)

Manuel Camacho, Donald Sedler and Martin Naputi were awarded \$500 each for their Spring Semester, 2005 for their NRM courses.

Edgar Cocker was awarded \$4,094 for Summer 2005 and Spring 2005 for his online courses with University of Kansas for his Master Degree on Food Processing and Safety.

University of Guam (UOG)

Funds under this project continue to be used to provide financial assistance to five full-time UOG employees pursuing a degree in their respective programs.

ESTIMATED IMPACT OF THE PROJECT TO JUNE 2005

American Samoa Community College (ASCC)

The American Samoa Community College (ASCC) ADAP Scholar, Malaea Ale was highly recommended by the ASCC Business Department Chairperson to the candidate of the Community & Natural Resources (CNR) Accounting Clerk position to handle United States Department of Agriculture and other federal grants received by CNR at the accounting department. She was hired immediately after graduation on May 2005 and Miss Ale is currently working at the accounting department. Mr. Makeati Utufiti, Graduate of the ASCC ALS Associate of Science degree in Natural Resources is employed currently by the American Samoa Environmental Protection Agency as the Environmental Specialist.

College of Micronesia (COM)

As more Micronesians are given an opportunity to obtain their degrees in agriculture and related fields, it will be easier to implement programs throughout the islands.

Northern Marianas College (NMC)

Martin Naputi and Manuel Camacho completed their AA Degree and they are currently employed at Department of Land and Natural Division

With Edgar's knowledge in the field of family consumer sciences, he's now the Acting Interim Director for NMC-CREES.

University of Guam (UOG)

The main objective of this project is to encourage students to major in agriculture, consumer and family sciences, or other related field. Two of our recipients are consumer and family sciences majors. Another is pursuing a degree in marine biology. Two others are pursuing degrees in public administration, which although is not in line with project objectives, in their current administrative positions within the college can utilize the knowledge gained to enhance their job performance and promote our agriculture and consumer and family sciences programs.

GOALS FOR THE PROJECT FOR THE NEXT SIX MONTHS: JULY 2005 TO DECEMBER 2005

American Samoa Community College (ASCC)

1. Continue to promote ADAP scholarship programs to high school and college students as well as employees of the Community & Natural Resources division.
2. Retain ASCC Agriculture & Life Science students until completion of degree program and assist in developing a plan for a career path.
3. Secure scholarship funding for continuing and new students for the next academic school year.

College of Micronesia (COM)

1. Encourage students currently attending PCC, CMI, and COM-FSM to take courses related to agriculture, food science, home economics, and other related subject matters;
2. Continue to identify students who are already attending colleges outside of Micronesia whose majors are in the field of agriculture, food science, etc., so that they can be supported and encouraged to complete their degree programs;
3. Monitor performance of grantees and provide support services to them as necessary.

Northern Marianas College (NMC)

To successful trains and motivates high school students and to assist them to gain additional interest in the field of agriculture and family consumer sciences.

University of Guam (UOG)

1. One of the recipients is close to completing his degree program and may graduate by next semester;
2. Continue to evaluate the academic goals and objectives of this program;
3. Push towards the graduation goals of each staff in this program.

Name of Project: **Communications, Information and Publications Services (CIPS)**

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

Funding Amount: Year 16 \$63,030
 Year 17 \$63,190
 Year 18 \$20,730

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.

RESULTS AND ACCOMPLISHMENTS FOR THE PERIOD: JANUARY 2005 TO JUNE 2005

American Samoa Community College (ASCC)

Provided internet access to all ASCC CNR researchers, associates, extension agents, assistants and students.

College of Micronesia (COM)

To facilitate and improving communication, ADAP funds were used to purchase electronic equipment such as scanners, digital cameras and printers to be used by various program and administrative staff.

Northern Marianas College (NMC)

CREES Directory of Programs & Staff and Family and Consumer Sciences brochures were published.

University of Hawaii (UH)

Ms. Eileen Herring provided Agricultural Document Retrieval Services for ADAP institutions. Dennis Miyahara and Jim Hollyer assisted the COM with editing, formatting an informational brochure. The brochure is currently being printed in Hawaii and will be available within a week.

ESTIMATED IMPACT OF THE PROJECT TO JUNE 2005

American Samoa Community College (ASCC)

The ADAP communications, information and publications project enabled all of the employees of the Community & Natural Resources division of the college to have internet access to support their work with extension, research and academics.

College of Micronesia (COM)

Improve communication by enabling transfer of documents to be made in timely fashion; and to facilitate communication and consultation among the parties involved;

Northern Marianas College (NMC)

The general public, stakeholders and high school students are well informed with our programs.

University of Hawaii (UH)

With increased access to research and extension information, ADAP institutions are better able to serve their communities and their clients. Additionally, because ADAP has Dennis Miyahara's design and print expertise, all ADAP institutions benefit from his experience and assistance with informational or educational posters, brochures, and print layout and design. ADAP's in-house team can produce high quality and high impact items without the high expense.

GOALS FOR THE PROJECT FOR THE NEXT SIX MONTHS: JULY 2005 TO DECEMBER 2005

American Samoa Community College (ASCC)

Continue to make use of the CIPS project to connect to the rest of the world on information regarding agriculture matter due to American Samoa's distance from the rest of the other American Land Grant institutions. Electronic mail is a fast, inexpensive and effective technology.

College of Micronesia (COM)

Continue to provide support to improve electronic and other means of communication for the various sites throughout the Micronesian region.

Northern Marianas College (NMC)

Continue to use the rest of available funds for more brochures and supplies.

University of Hawaii (UH)

Continue to provide Agricultural Document Retrieval Services. Assist in the development of a short learning manual for the Pacific Islands Distance Diagnostics and Recommendations (PIDDRS) project. Update the ADAP Project Coordinator's Training Manual and distribute.

Name of Project	Productivity Project (DBA High Technology Development Corporation)
Coordination Team:	Bill Wiedmann and Marty Parisien, ADAP Project Manager and Regional Coordinators
Funding Amount	Year 16 \$40,000 Year 17 \$0 Year 18 \$0

PROBLEM STATEMENT AND POTENTIAL SOLUTION

High Technology Development Corporation (HTDC) is part of a nationwide network of business and manufacturing specialists whose sole purpose is to provide small and medium-sized businesses with the help and solution they need to succeed. There are Centers in all 50 states, linked together through the Department of Commerce's National Institute of Standards and Technology (NIST). This makes it possible for even the smallest firms to have access to more than 2,000 manufacturing and business specialists including the staff of High Technology Development Corporation and their specialized knowledge about doing business. These are people with experience in both the manufacturing and service industries.

To stimulate agribusiness in the community grow a business perspective within the American region, the ADAP Board of Directors approved to fund the initiative by arranging 1-2 week visits of the HTDC group to each ADAP site (American Samoa, Guam, Micronesia, and Saipan). Each institution will be responsible for arranging their clients to attend a Lean Manufacturing Workshop and present their products and services where HTDC group will offer suggestions for improvement.

RESULTS AND ACCOMPLISHMENTS FOR THE PERIOD: JANUARY 2005 TO JUNE 2005

- December 11 – 18, 2005 – Visit to CMNI
- January 28 – February 5, 2005 – Visit to Guam, and Pohnpei
- February, 2005 – Visit to American Samoa

ESTIMATED IMPACT OF THE PROJECT TO JUNE 2005

American Samoa Community College (ASCC)

The Productivity Project with High Tech Development Corp met with four local business Owners in American Samoa. Mr. Bill Wiedmann & Mr. Marty Parisien conducted a workshop at the American Samoa Community College where fourteen people that were interested to have some business or a desire to start a business (photo below).

Mr. Wiedmann and Parisien recommended to Dr. Dan Aga, ASCC ADAP Director to request some cost-calculator worksheet posters from the University of Hawaii ADAP office and use as the center of a workshop on basic cost accounting that will cover some of the following items:

1. How to account for field inputs such as fertilizer, herbicide, etc.
2. Labor cost per pound of produce (accounting for this will encourage efficiencies)
3. Cost of one's own time.
4. Understanding the difference between operating and start-up costs



It was also recommended by Mr. Wiedmann & Parisien that in the future, conduct marketing classes that focuses on the following:

- | | |
|--|---|
| 1. Customer Retention | 13. Customer service excellence |
| 2. Marketing objectives and strategies | 14. Integrated marketing communication |
| 3. Marketing climate analysis | 15. Distribution/channel management |
| 4. Segmentation and targeting | 16. Trade customer marketing |
| 5. Differentiation and positioning | 17. New product development |
| 6. Pricing | 18. Marketing Intelligence systems, data collection |
| 7. Product/Service management | 19. Brand equity |
| 8. Advertising | 20. Sales management |
| 9. Public relations | 21. e-commerce strategy and implementation |
| 10. Promotion management | 22. Marketing performance |
| 11. Direct-response marketing | 23. Marketing organization |
| 12. Event/relational marketing | |

College of Micronesia (COM)

Two workshops (banana export; and pearl industry development) were attended well by local interested individuals. The pearl project is moving toward commercialization this year and next year. It is not clear if there was improvement in handling of bananas as were recommended by the consultants. Follow-up discussion will need to be had in order to determine the impact of the project.

University of Guam (UOG)

On January 29, 2005, Messrs. Wiedman and Parisien conducted a business growth seminar at the University of Guam. The participants were mainly farmers from the agricultural community who also run a business. The seminar entitled, "Listening to Your Business", was designed specifically for entrepreneurs and demonstrated how to evaluate and measure one's personal as well as business strategies. It helped to answer the question, "What do I really want from my business and how do I get it?"

On February 3 and 4, 2005, Messrs. Wiedman and Parisien met with individual farmers on a one-on-one client-coaching basis. Discussions ranged from potential ideas for high value crops that can be grown on Guam, growing a business and getting out of current financial woes, to factors to be considered in extended family run businesses.

We have not gotten much feedback from the individuals who met with Wiedman and Parisien. We will attempt to contact them and find out if their business has benefited from the seminar and one-on-one coaching.

IMPROVEMENTS AND RECOMMENDATIONS:

College of Micronesia (COM)

The HDTC's involvement appears to be in the right direction. What ADAP or its coordinators might do is to facilitate a more permanent system in providing a link from the local stakeholders and interested farmers to HDTC or similar services in order to take advantage of such expertise in business management.

University of Guam (UOG)

It is difficult to judge whether or not this project had the effect we were looking for. Too short of visits by the project facilitators. No planned follow-up to see if any implementation took place.

Name of Project Grant Coaching Services

Coordination Team: Dr. Sharee Pepper, ADAP Project Manager and Regional Coordinators

Funding Amount Part of the CIPS budget

PROBLEM STATEMENT AND POTENTIAL SOLUTION

Grant Development and Capacity Building Project – The American Pacific Land Grant institutions and government agencies would like to increase the level of funding for their research, education and extension projects. Increasing the amount of funding from competitive grants is increasingly important and capacity building to facilitate professional development is essential to compete successfully.

RESULTS AND ACCOMPLISHMENTS FOR THE PERIOD: JANUARY 2005 TO JUNE 2005

At the University of Hawaii, a database of potential land grant clients interested in receiving information on funding opportunities and grant development assistance has been developed to ensure that information of interest can be sent to the appropriate recipients. A newsletter describing currently available funding opportunities of interest to Pacific Land Grant staff and faculty is emailed every few weeks as the information becomes available. Assistance with all aspects of grant development and submission are provided to those requesting support. A needs-based assessment is being developed to provide a foundation for acquiring training and career development resources. As the availability of non-competitive funds decreases, the need to be able to compete successfully for other sources of revenue is critical.

Electronic information that was forwarded by Dr. Pepper to the American Samoa Community College was disseminated to all of CNR appropriate personnel's for the information and records.

College of Micronesia is gearing up to be more involved with writing grants, etc. in the future, however, as of the past several months, I think we did not utilize Dr. Pepper's services in the way that we should.

At the University of Guam, grant opportunities information received from Dr. Pepper via email are forwarded to CNAS faculty.

IMPROVEMENTS AND RECOMMENDATIONS:

American Samoa Community College (ASCC)

Dr. Pepper is welcome to visit the American Samoa Community College to conduct a training workshop or talk about how to be a successful grant writer or the following areas:

- What are the key components of a good grant proposal?
- What are the things that need to be omitted when writing a grant proposal?
- How to strengthen proposal when dealing with competitive grants, etc.?

University of Guam (UOG)

Would like to see a dedicated grant from Dr. Pepper that ADAP institutions could all benefit from.

Name of Project	Pacific Islands Distance Diagnostic and Recommendation System (http://www.dddi.org/pacific/)
Principal investigator	Mark G. Wright (University of Hawai'i)
Funding Amount	Year 16 \$25,000 Year 17 \$25,000 Year 18 \$0

PROBLEM STATEMENT AND POTENTIAL SOLUTION

The impacts of invasive insect pests, plant pathogens, weeds and other organisms on island ecosystems are severe, not only in terms of natural ecosystems, but also agricultural production and other human activities. The islands of the Pacific have been subjected to extensive invasion by pest species, and most agricultural practices have been impacted.

The newly developed and implemented Pacific Islands Distance Diagnostics and Recommendation System (PIDDRS) has the potential to contribute significantly to improving diagnostic services throughout the Pacific, as well as providing a database system for predicting the movement of invasive organisms, training staff in isolated locations, and building the capacity of local agricultural personnel.

ESTIMATED IMPACT OF THE PROJECT TO JUNE 2005

University of Guam (UOG)

A search of the PIDDRS database for records containing "Guam" yielded 17 hits: 11 for insect identification; 5 for plant disease and disorder identification; and 1 for plant and weed identification. However, some of these records are test cases that need to be deleted.

The digital camera and microscopes provided by PIDDRS are in constant use by the UOG/CES/ANR diagnostic lab. UOG staff handles most diagnoses and recommendations. PIDDRS is used only for cases we cannot handle with local expertise.

Through PIDDRS, Dr. Robert Schlub and Dr. Aubrey Moore have become active members of the Western Plant Diagnostic Network (WPDN). Both attended the WPDE in Davis, California in January 2005 and gave presentations on pest problems in Guam, and have participated in monthly conference calls. The WPDN has allocated funding for UOG representation at next year's annual meeting. Dr. Schlub and Dr. Moore are planning to hold WPDN First Detector Training Workshops on Guam before the end of 2005.

GOALS FOR THE PROJECT FOR THE NEXT SIX MONTHS: JULY 2005 TO DECEMBER 2005

University of Hawaii (UH)

Distribute Distance Diagnostic workstation to Tinian and Yap. Provide on-site training on the use of the system to ParaVet students in Yap.

IMPROVEMENTS AND RECOMMENDATIONS:

University of Guam (UOG)

The system is a little too rigid to facilitate open collaboration. Updating records is difficult or impossible. As a result, much valuable discussion after an initial posting goes “offline” and is not captured in the database.

UOG staff handles most diagnoses and recommendations. It would be very useful if we could use PIDDRS or something very similar to document local diagnoses and recommendations. Dr. Aubrey Moore is working on this idea and may have something to share before the ADAP meeting.

Name of Project **ADAP Distance Learning ParaVeterinary Training**

Coordination Team: ADAP Project Manager and Regional Coordinators

Funding Amount Requested Year 16 \$0
 Year 17 \$0
 Year 18 \$0

PROBLEM STATEMENT AND POTENTIAL SOLUTION

Diseases and poor management of livestock have been recognized as major limitations to animal production in the Pacific Islands. As significant as public health and food security are to these countries, there is also an urgent need for in-country, in-service training for animal industry and extension workers, farmers and the community, to meet basic veterinary service requirements in rural areas. Our continuing effort is to develop and distribute effective distance learning ParaVeterinary training materials to provide a basic level of animal health and husbandry education to local extension personnel and to community leaders. Eventually regional in-country trainers will sustain this effort.

PARAVET UPDATE

The Paravet Program is going strong. All 'American Pacific' areas, except Guam, have paravets (1 or more) who have passed the Level 1 training - which was significantly improved since last you saw it. SPC is now focusing on other Pacific nations until Level II is finished and that training can begin - at least a year or more.

The Humane Society of the US is also trying to connect with SPC to bring in some humane training to the region on cats and dogs, not an immediate issue for production PVs but something the countries of the Pacific need. SPC and HSUS hope to meet soon in the Pacific to see where they can help each other. HSUS has done some recon in the region to understand the problems and the cultures.

PVs are having impact as we speak - in fact, I got an email from Palau last week telling us about how the PVs are helping out at their new animal shelter and they really appreciated all the training.

Gordon Cleveland has been trying to get some money from USDA/APHIS to do some work as well.

There is some interest by mainland vet schools to apply for a educational challenge grant to bring some promising Pacific islanders to the mainland for more specific training/degrees - but this idea has not gone too far as we have other things on our plate at the moment.

Name of Project Articulation Efforts between the Five Pacific Land Grant Institutions

Coordination Team:	Dr. Lee Yudin, Annie Santos (University of Guam), and Regional Coordinators
Funding Amount Requested	Year 16 \$0
	Year 17 \$0
	Year 18 \$0

PROBLEM STATEMENT AND POTENTIAL SOLUTION

The 2002-2006 ADAP Strategic Plan notes that increased articulation between the Pacific Land Grants is a desirable activity as it could lead to a more educated agricultural workforce in each ADAP country. To that end, here is a brief overview of current articulation agreements between the 5 Land Grants.

<u>School accepts classes or credits from</u>	
American Samoa Community College
College of Micronesia – FSM campus
College of the Marshall Islands
Palau Community College (PCC)
Northern Marianas College
University of Guam	PCC, CMI, COM-FSM, NMC
University of Hawaii - Manoa	ASCC, COM, NMC, PCC, UOG
University of Hawaii - Hilo	CMI

These agreements would most likely be at the administrative level of the university or college, rather than just within the Land Grant or agriculture portion of the college. Overall, there are no entire programs that are directly transferable, rather individual courses would transfer, with or without credit.

At the January 2003 ADAP Board of Directors meeting, the Directors decided to pursue this new “Articulation” initiative and developed a plan. Each institutions’ designated cooperator [from COM (FSM, CMI, PCC), UOG, Guam Community College (GCC), UH, UH-Hilo, NMC, ASCC] will work as part of a team that will construct a needs assessment tool for undergraduate/graduate program needs in Agricultural & Allied areas (FCS, Life Science, Nutrition) in their respective countries. The assessment will target potential students first then move on to businesses in the community that hire students. The results of the meeting are to be presented at the August 2003 Pacific Post-Secondary Education Council (PPEC) Meeting. A pre-report due is at the July 2003 ADAP Directors Meeting. From there, the directors will decide the final course of this project. It is envisioned that with the information from the needs assessment, the working group will get together to begin formulating ideas for new course offerings, or changing existing courses, to allow for better articulation between the Pacific Land Grants.

ARTICULATION FINAL FOLLOW-UP

The Board of Regents of the University of Guam has unanimously approved the new Interdisciplinary Arts and Sciences Baccalaureate Degree Program. This is a direct result of the “Pohnpei Accord”—an agreement between the University of Guam and all other community colleges in the region. The new degree program will be offered in Fall 2005 and falls under the College of Liberal Arts and Social Sciences.