New equine program receives $100,000 private donation

by Susan Collins

Dr. Jack Fujii, dean of UH Hilo’s College of Agriculture, Forestry and Natural Resource Management (CAFNRM), announced last month that the College received a private donation of $100,000. It is the largest donation ever received by the College.

Fujii described the gift as “a quiet donation.” The donors do not wish to be publicly identified other than to say that they would like to assist in developing the equine facilities on the University farm.

The program is currently under development on a section of the College’s 110-acre agriculture farm just south of Hilo, and includes a 12-acre fenced pasture, a surgery and office facility, and a regulation size arena. The donation will be put toward a roof structure for the 150 x 300 foot arena, allowing use of the facility regardless of weather conditions.

“This generous gift will help to develop the equine program into one of the highest quality undergraduate programs at the University,” said Fujii. “With the arena covered, we will be able to offer year-round outdoor teaching, riding and horse care instruction, exhibitions, rodeo and horse competition facilities for UH Hilo students and the community, fundraising events and other activities.”

Plans for the program include offering an intensive summer session, with the hopes of attracting mainland and international students. Having the arena covered is crucial for the success of such a session.

Fujii predicts that the animal science program, which includes a pre-veterinary and a production curricula, will soon have the highest enrollment in the College due to the equine program and related facilities.

The equine program is being developed by Fujii along with David Almond, D.V.M., educational specialist Arnold Miyasaki, Greg Nielsen and Richard Short of the UH Hilo farm staff.

Fujii, a professor of entomology, joined UH Hilo in 1976, becoming dean of the College of Agriculture (now CAFNRM) in 1983, the same year that the University acquired the 110-acre educational farm. Fujii

Aquaculture grants focus on education and conservation

by Susan Collins

Dr. Maria Haws, affiliate professor of aquaculture, has been awarded two grants totaling nearly $400,000 to be used for shrimp and pearl farming projects at UH Hilo’s Pacific Aquaculture and Coastal Resource Center (PACRC) located in Keaukaha.

Both initiatives are international in scope, with emphasis on developing education and training programs designed to help aquaculture farmers build sound businesses while at the same time attending to conservation and environmental concerns. Haws believes UH Hilo is the perfect place for such initiatives to be developed.

“UH Hilo offers a lot of factors that will make these projects possible,” said Haws, citing PACRC’s facilities and programs as what brought her here to the University. “There’s a real can-do attitude here that allows for innovative research. The University supports applied research and has a good reputation for developing training programs. That’s what the projects need.

“These grants will help establish the Coastal
Donation
Continued from page 1

has guided the growth of the farm step-by-step, watching the facilities grow out of a wild bramble of forest into a hands-on living laboratory of agriculture and animal science.

“The purpose of this farm is for teaching and applied research,” said Fuji. “It’s all about helping the agricultural community. When David [Almond] joined us, he asked me, ‘Why don’t we build a horse facility?’ And that’s where the idea for the equine program started.”

Almond, assistant professor of animal science, is a 1994 graduate of UH Hilo’s then College of Agriculture. In fact, he helped build the swine facilities on the farm as part of his undergraduate studies. After receiving his B.S. in animal science from UH Hilo, he went on to Oklahoma State University, receiving his D.V.M. in 1998. Fuji describes Almond as “a young, energetic faculty member,” and says that it is this enthusiasm, along with his expertise as an equine practitioner, that propels the new equine program forward.

Educational specialist Arnold Miyasaki is also helping to develop the new program. Born and raised in Hilo, Miyasaki received a B.S. in 1967 from UH Manoa. He went on to spend 20 years in Bolivia studying methods of sustainable agriculture before returning home to put his expertise to use on the College farm.

“Arnold went to Bolivia with the idea in mind that he was going to teach the Bolivians about agriculture. Instead, he learned from them; he was converted to their traditional methods of sustainable agriculture.”

These methods are put to good use on the farm, from agriculture projects to livestock management. Miyasaki’s expertise is playing a big part in the development of the equine program, including pasture development and waste management, projects to be used for teaching.

Additionally, farm manager Greg Nielsen and assistant farm manager Richard Short are contributing to the development of this hands-on equine program.

The pasture is home to several horses, including a champion quarter-horse mare, valued at $35,000, donated to the College by Harry Nakoa. Almond plans to use the animal for teaching and artificial insemination instruction, with the hopes of producing foals that will bring in revenues for the equine program.

A 72 x 60 foot veterinary teaching hospital is also under construction at the farm. It will house a surgery unit, recovery room, six stalls, and offices.

“This is where students get to put theory into practice,” Fuji said. “It’s just another example of this farm offering the best facilities in the State for a hands-on education in agriculture and animal science.

“We are very grateful for this generous donation,” he added. “This entire farm has been built thanks to the community, faculty, staff, and students. We hope this gift encourages others in the community to support the College’s programs.”

(EDITOR’S NOTE: Susan Collins is a public information officer.)
Grants Update

by Kawika Lovell

One of Chancellor Tseng’s top priorities since coming to UH Hilo has been to increase the extramural funding for the University, particularly the type of applied research that impacts directly on the economy of the island or Hawai‘i and engages our undergraduate students in projects that augment what they study in the classroom. The chart below indicates how successful the faculty has been in achieving this goal of increasing grant activity:

We have gone from $3.6 million in grants during 1995 to $22.4 million (just so far this year).

We are awaiting notification on approximately $10 million in proposals that are still pending.

You can see some of this year’s most recent grants on the chart below. Each is an example of applied research. The granting agencies are especially notable: National Science Foundation; National Institutes of Health; US Department of Agriculture; Department of Health and Human Services; Department of Education; Department of Commerce’s Economic Development Administration; Hubble Space Telescope; and NASA.

Want in on the Action?

If you have a good idea for a research or training project, please do not hesitate to contact the great team at RCUH-Hilo: 933-0898 or visit them at their new offices in the Institute for Astronomy building at University Park. Terri Chong, Noelani Ho‘opai, Paula Gealon and Doreen Koizumi are available to assist you.

(Editor’s note: Kawika Lovell is Director of Administrative/Client Services for the RCUH-Hilo Office.)
Battaglia, Shim, Coloma join CSAV

UH Hilo’s Center for the Study of Active Volcanoes (CSAV) added three more scientists/technicians to its staff, thanks to a Cooperative Agreement that was recently established between CSAV and the Hawaiian Volcanoes Observatory to increase the scientific interchange between UH Hilo and HVO and to allow UH Hilo programs to assist HVO as they monitor Hawai’i’s volcanic hazards.

Joining CSAV are: Dr. Jean Battaglia, a geophysicist who is native to France and comes to UH Hilo from the Piton de la Fournaise Volcano Observatory on Reunion Island in the Indian Ocean. Battaglia is assisting HVO’s seismic team in interpreting earthquakes occurring within Kilauea volcano; Chan Shim of Hilo, a 1998 graduate of UH Hilo’s Math Department, who has been hired as a technician to work with the ground deformation team building field telemetry systems for a network of precision strainmeters deployed on Mauna Loa.; and Francine Coloma, a 1998 UH Hilo Geology graduate who has been working overtime supervising the drilling of 300-foot boreholes for the deployment of dilatometers, which will provide new data on volcanic deformation. Coloma is also responsible for monitoring and verifying the data produced by the dilatometers after the equipment comes on-line.

The cooperative agreement, which is supported by a grant from the U.S. Geological Survey with funds secured for HVO by Senator Daniel Inouye’s office, has also enabled CSAV to purchase nearly $200,000 worth of state-of-the-art laboratory and field instruments for joint use by HVO and UH Hilo. These include chromatography and spectroscopic instruments for studies of volcanic gases and vog formation, Global Positioning System (GPS) instruments for training and field studies of ground deformation on Kilauea and Mauna Loa, and a magnetic gradiometer that will be used to investigate lava tube formation as well as to measure the rate of lava flow in existing lava tubes.

Spotlight
Continued from page 1

Resource Center as a research facility,” she explained. “And they lay the basis for future projects.” Haws has been awarded $350,000 from the Foreign Agricultural Service and the United States Department of Agriculture to develop an educational program designed to help shrimp farmers in Honduras recover from the devastating effects of Hurricane Mitch in 1998. It is a joint project of PACRC, UH Hilo, and the University of Rhode Island where Haws has conducted previous research.

The goal of this project is to develop a training program that will help the faltering shrimp producers rebuild their businesses into a sustainable and viable industry that complies with current international standards. The focus will be in four areas of shrimp farming: improving production while reducing health and safety risks; maintaining environmental quality on the farms and in the surrounding ecosystems; creating a support system of experts and educators to assist with the adoption of the new practices; and building farms to the capacity needed to support the changes.

Haws notes that the international aspects of this project involve not only foreign economic issues, but also practical issues for the United States such as the safety of imported food.

“We can learn things through this project with Honduras,” said Haws. “We can learn how to better manage shrimp farms, how to have less impact on the environment. Also, since most of the shrimp we eat in the U.S. is imported, this project helps ensure food sources are safe as well as environmentally sound.”

Haws has also received an award of $48,000 from the David and Lucille Packard Foundation. This grant addresses the conservation of pearl oyster populations in the Federated States of Micronesia, which include Pohnpei, Kosrae, Chuuk, and Palau.

“This purpose of this project is to help conserve the biodiversity of pearl oyster stocks,” she explained. “The stocks have been over-fished in the past and have never recovered. The grant will be used to establish a small pilot farm, using genetic strains, as a means to enhance the rare oyster populations.

“We hope to involve the community, UH students, especially exchange students, in this project,” Haws further explained. “Some students from the Agricultural Trade School of Pohnpei come here to finish their degree. an intern program would be ideal. This project is a great way to teach people that there is an economic value in saving reefs.

“The key is education and conservation.”
Assessment grant proposals and assessment workshops

by Dr. April Komenaka

The Assessment Grant Program is off to a lively start, with proposals coming in for review by the Assessment Committee and VCAA Rachel Fordyce, the campus Accreditation Liaison Officer and, as our chief academic officer, the leader of the UH Hilo self study.

Chancellor Rose Tseng announced the program early in November and made it clear that assessment will continue to be supported in the long term by the administration.

About the same time, instructions were widely distributed in hardcopy and are available for downloading from the UH Hilo accreditation website: www.hawaii.edu/~accred.

Without revealing who’s submitted proposals and how much they’ve asked for, we can report on what kind of projects are being proposed:

Travel to assessment conferences. The AAHE’s annual conference on Assessment (June 23-26, Denver) is probably the best-known, with many sessions and workshops useful to a broad variety of disciplines.

Purchasing standardized examinations. For example, the ETS produces the Major Field Test for programs in English Literature, Computer Science, Music, Physics, and 11 other fields. While they’re not appropriate for some of our own major programs, especially those strongly embedded in our tropical island environment and culture, other programs can adapt the test to their own curricula.

Stipends to faculty to research, develop, and pilot test specific assessment instruments, ranging from objective tests through portfolio evaluation through in-class writing assignments.

External review. Several programs propose to bring in recognized reviewers or assessment experts from the mainland or O‘ahu to help them evaluate courses and curriculum, develop a more effective curriculum, and to plan for efficient use of resources.

Purchasing the services of commercial assessment firms, which will develop sequences of tests which are keyed to program and course goals and textbooks of the department and which provide students and instructors with immediate feedback on progress.

Purchasing and pilot testing a standardized exam to assess the effectiveness of prerequisite courses and to identify the areas in which a student requires additional course work.

Proposals are coming in from programs with long-established assessment practices and from programs that are new at the assessment game.

The Assessment Committee uses these criteria to evaluate proposals:

• The project or plan has the potential to lead to, or are part of, systematic and ongoing assessment that is well integrated into the regular functioning of the unit.
• It reflects the program’s mission and goals.
• It incorporates strategies that have been shown to improve student learning outcomes.
• It has broad departmental support and participation.
• It is likely to be completed within the proposed time frame and budget.

For more information, please contact Helen Rogers at the Library, x47579, hrogers@hawaii.edu or April Komenaka at x47476, komenaka@hawaii.edu.

The Assessment Committee is sponsoring a series of workshops for faculty and staff. Presenters include Nina Buchanan of our own Education Department and Nancy Hedlund, Hawai‘i Pacific University’s Assessment Office.

December 8, 2000 - Designing your departmental program evaluation using multiple measures (N. Hedlund)

January 2001 - How to use existing data, embedded in curriculum, for program evaluation (N. Hedlund)

February 2001 - Finding or designing an instrument to measure student learning outcomes in your major (N. Hedlund)

April 2001 - Classroom assessment a la Patricia Cross and Thomas Angelo (N. Buchanan)

Coordinating the workshops are Ruth Robison, Gail Makuakane-Lundin, and Pat Grossman. They’ll be announcing dates, times, and places shortly. You can reach Ruth at x47313 or rrobison@hawaii.edu.

(Editor’s note: Dr. April Komenaka is co-chair of the UH Hilo Self Study Steering Committee.)
Hats off to...

Kenith Simmons, Professor of English, will have her poem, “Danger: Treacherous Waters, Unpredictable Surf, Do Not Swim” appear in the Fall 2000 issue of The Chaminade Literary Review.

Hirokuni Masuda, Instructor of Japanese, had his article on “Mozaiku ga unda shinsei gengo: hawai kuriquro no shinka wo tadoru” or “A new language born from the mosaic: Tracing the evolution of Hawaiian Creole” published in last month’s Gekkan Gengo. The journal is published by Taishukan Publishing Company in Tokyo and is the only monthly magazine in the world that is dedicated to the study of linguistic science.

Christian Weisser, Assistant Professor of English, has been invited to deliver his paper, “Recomposing a Community of Ecocompositionists: New Perspectives on Greening the Curriculum” at the 2001 Conference on College Composition and Communication held in Denver, CO in March 2001. The conference is the largest national gathering of scholars in rhetoric and composition. Weisser’s paper is an excerpt from his forthcoming SUNY Press book entitled, Ecocomposition: Theoretical and Pedagogical Perspectives.

Bob Watson, Associate Professor of Political Science, renegotiated the contract for his biography of Martha Washington, and the book will now be published by Longman Publishers as part of their “Library of American Biography@” series, scheduled for a Fall 2001 release. Last month he signed a contract with Lynne Rienner Publishers to co-edit a textbook, Campaigns & Elections, for a 2002 publication date. Watson also did two book reviews on American politics in the volume 12, Fall issue of Talking Politics (United Kingdom).

Michael West, Associate Professor of Astronomy, attended the annual winter meeting of the Board of Directors of the Canadian Astronomical Society (CASCA), November 24-25 in Calgary, Alberta. He was elected to the CASCA BOD for 1999-2001.

Michael Marshall, Associate Professor of Art, last month displayed a mixed media work on paper in the “All Hawai’i Juried Art Exhibition” at the East Hawai’i Cultural Center in Hilo.

Catherine Becker, Assistant Professor of Communication, presented a paper, “Talking Stories: Spirituality, Eco-communication, and Empowerment in Hawaii” at the National Communication Convention held in Seattle last month. She also did a performance related to her research at the Ethnography Pre-conference.

Tanya Fusco Johnson, Director of Senior Programs, and Vicki Davis, Program Coordinator of the Home Safety Monitoring Program, presented a workshop on “Health Promotion: Home Safety for Seniors” at the Hawai’i Pacific Gerontology Society meeting in Honolulu in October.

Michael Bitter, Assistant Professor of History, presented a paper, “Anglo-Russian Trade Negotiations in the 1730s: George, Lord Forbes, Andrei Osterman, and Ernst Johann Biron” as part of a panel discussion focusing on Russian economic relations with the West at the 32nd Annual Conference of the American Association for the Advancement of Slavic Studies held in Denver, CO last month.

Hats off - continued on page 7.
Jennifer Wheat, Assistant Professor of English, had her article, “Auntie Mame: the Power of the Fool” published in the journal *Studies in Popular Culture* (October 2000). The article examines connections between power and humor in the film.

John Scott, Associate Professor of Biology, was selected to be one of 16 student participants in the third annual *Caenorhabditis elegans* Advanced Worm Course at Cold Spring Harbor Laboratory on Long Island, in Cold Spring Harbor, New York this past summer. The three-week intensive laboratory research course was taught by four principal instructors, 10 visiting speakers, and three graduate research assistants, all of whom are among the world leaders in their own specific areas of *C. elegans* nematode research. Scott’s participation was supported by an award from the UH Hilo Educational Improvement Fund, a stipend from Cold Spring Harbor Laboratory, and additional funding provided by the UH Hilo Natural Sciences Division.

Focus on UH Hilo to wrap up semester with December show

The Computer Science Program and Distance Learning will be featured on the fall semester’s final edition of Focus on UH Hilo, scheduled for Wednesday, December 6. The program, hosted by Chancellor Rose Tseng, is shown from 8-8:30 p.m. on Channel 4.

The guest line-up for the December show includes Dr. Judith Gersting, professor and computer science chair, along with Assistant Professor Roger Chapman.

Focus on UH Hilo highlights UH Hilo programs, up and coming developments and the University’s partnerships with various community organizations.

2001-02 Catalog reminder

Faculty and staff are reminded that galleys for the 2001-02 UH Hilo Catalog are due to Alyson Kakugawa-Leong, director university publications, no later than Friday, February 23, 2001. Galleys are currently with the respective Deans/Directors for revisions.

Catalogs are scheduled to arrive in early July 2001.

Questions may be directed to Kakugawa-Leong at x47642 or email alyson@hawaii.edu.

Ka Lono Hanakahi is published by the Office of University Relations on the first of the month during the academic year for the faculty and staff of the University of Hawai‘i at Hilo. News and submissions are welcome. Deadlines are on the fifteenth of each month for the following first of the month publication. Contact Alyson Kakugawa-Leong, Director University Publications, College Hall 9; (808) 974-7642 or email alyson@hawaii.edu.
University personnel along with a group of business community leaders participated in several events this past October in Silicon Valley. Some participants shared local culture and UH Hilo with the community, while others learned about high tech business development.

The first event was the Kamaaina Festival where UH Hilo’s Gail Makuakane-Lundin, coordinator of the Hawaiian Leadership Development program, Ginger Hamilton, Minority Access and Achievement Program counselor, and Amy Jones, admissions specialist, joined the Kamehameha Alumni Association Singers (KAAS) in the San Jose Chinese Choir’s Annual Concert. There were two performances: at the First United Methodist Church in Palo Alto, and at Evergreen Community College in San Jose.

Makuakane-Lundin, Hamilton, and Jones managed UH Hilo information booths at both events—the Evergreen performance was given at the school’s high tech job fair—sharing the University’s educational opportunities with those who attended the concerts, many of whom have roots in Hawai‘i.

“This was a way to connect UH Hilo with business, education and the community-at-large in San Jose and other parts of Northern California,” said Makuakane-Lundin. “It creates collaborative support with the University.

“There’s a potential market in that area for transfer and high school students who have family ties with Hawai‘i,” she explained. “These events, the first of many, are a way for former residents of Hawai‘i, who are interested in sending their children back to Hawai‘i for school, to learn about UH Hilo.”

Makuakane-Lundin, Hamilton, and Jones also visited several Northern California high schools and community colleges to promote UH Hilo.

During the same week, Chancellor Rose Tseng arranged and facilitated visits with four Silicon Valley high tech companies. The visiting group consisted of members of the Hawai‘i Economic Development Group: Barry Taniguchi, chair of the Hawaii Island Economic Development Board (HEDB) along with Paula Helfrich and Rick West, as well as representatives from Maui and Kauai EDB.

The Hawai‘i group visited:

- Cisco Systems, briefed by Keith Goodwin, vice president, worldwide field operations. A personal greeting session was granted with Dr. John Morgridge, chairman of the board of Cisco, where he discussed his vision of industry and education partnership. He also shared his view on how Hawai‘i can benefit from technology niches.
- Broadmedia, Inc., briefed by Dr. Ting Herh, president and CEO of the internet telecom start-up company.
- San Jose International Business Incubator, briefed by Barbara Harley, director.
- Acorn Campus, briefed by Dr. Chester Wang. Partner in the high tech incubator, a $40 million funded venture.

“The Hawai‘i business group gained valuable knowledge and contacts to help steer the right course in economic development,” said Tseng.

Collier new CAFNRM dean

Dr. Michael A. Collier has been selected as the new dean of the College of Agriculture, Forestry and Natural Resource Management, effective January 2, 2001.

Collier, who currently serves as affiliate professor of sports medicine and equine surgery at UH Hilo, is also adjunct professor of pathology in the Department of Pathology and adjunct professor of orthopaedic surgery and rehabilitation at the University of Oklahoma Health Sciences Center.

Collier replaces Dr. Jack Fujii who retired this past year.
Ho! Ho! Ho! Come out and celebrate!

The entire University community and their UH Hilo Christmas Party, scheduled for Frid. p.m. in the Campus Center Dining Room.
Hosted by Chancellor Rose Tseng, the celebrat great program, great gifts, and even greater compa to be a surprise visit by You-Know-Who for the little on
Please RSVP your attendance to Lanelle at x47501.

Happy Holidays!

PAY NO CAPITAL GAINS TAX AND RECEIVE A TAX DEDUCTION FOR THIS YEAR!

You can make a gift of appreciated stock or mutual funds to the University of Hawai‘i Foundation, for the benefit of the University of Hawai‘i at Hilo and put the full value of your asset to work for the students and faculty of UH Hilo. For information on the benefits to you of making a gift of stock or mutual funds, please return the coupon below, or contact Stephen McLean at (808) 974-7643, or e-mail smclean@hawaii.edu. Your support is greatly appreciated!

☐ Please send information on making a gift of ☐ stock ☐ mutual funds to:

Name________________________________________________________________________
Address_______________________________________________________________________
Telephone__________________________ E-mail______________________________

MAHALO FOR YOUR SUPPORT!
# Campus Events

## December

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Details</th>
<th>Date</th>
<th>Event Details</th>
</tr>
</thead>
</table>
| 1    | Last day to apply for Spring 2001 semester  
Vulcan basketball vs. Chaminade University, 7:15 p.m., Civic, Admission | 17   | Vulcan basketball vs. University of Rio Grande in Coconut Coast Classic, 7:30 p.m., Civic, Admission |
| 3    | Vulcan basketball vs. Race Express (exhibition), 5 p.m., Civic, Admission | 18   | Final grades due at Records office  
Fall semester ends  
Vulcan basketball vs. Embry-Riddle University in Coconut Coast Classic, 7:30 p.m., Civic, Admission |
| 5, 6 | Financial Aid information session, 1 p.m.  
CC 301 (lanai area) | 19   | Deadline for payment of tuition/fees for early registration  
Vulcan basketball vs. Lawrence University, 7:15 p.m., Civic, Admission |
| 7    | Financial Aid information session, 3 p.m.,  
CC 301 (lanai area)  
Last day of instruction | 21   | Holiday: Christmas Day  
Vulcan basketball vs. Lewis Clark College, 7:15 p.m., Civic, Admission |
| 8    | UH Hilo Christmas Party, 3-5 p.m., Campus Center Dining Room | 25   |  
Vulcan basketball vs. Western Montana College, 7:15 p.m., Civic, Admission |
| 11-15| Final examinations | 27   |  
Vulcan basketball vs. Lewis Clark College, 7:15 p.m., Civic, Admission |
| 16   | UH Hilo Fall Commencement, 9 a.m., New Gym | 29   |  
Vulcan basketball vs. Western Montana College, 7:15 p.m., Civic, Admission |