

MINUTES OF THE REGENTS' JOINT
COMMITTEES ON ACADEMIC AFFAIRS
AND COMMUNITY COLLEGES

Date: Thursday, April 18, 2002

Place & Time: Outrigger Waikoloa Beach Hotel
Ali'i Rooms I and II
3:35 p. m.

Committee on Academic Affairs

Committee Members Present: Regents McElrath
Bergin
Nunokawa
Poe
Ikawa (ex-officio)

Committee Member Excused: Regent Weiner

Committee on Community Colleges

Committee Members Present: Regents Dowling
Bergin
Nunokawa
Poe
Ikawa (ex-officio)

Committee Member Excused: Regent Kawakami

Other Regents Present: Regents Kobayashi
Kurusu
Lee

Others Present: Evan S. Dobelle, President, University of Hawai'i
Joyce S. Tsunoda, Senior Vice President and
Chancellor, Community Colleges
(Herein: Senior Vice President Tsunoda)

Sandra Sakaguchi, Provost, Hawai'i Community College
Frederick Stone, Associate Professor, Hawai'i
Community College
David Iha, Executive Administrator and Secretary of the
Board
Carl Makino, Executive Assistant to the Board

Approval of Committee Meeting Minutes

The minutes of the meeting of the Regents' Committee on Academic Affairs held on March 14, 2002, were approved as circulated.

Establishment of an Associate in Science and Certificate of Achievement in Tropical Forest Ecosystem Management and Agroforestry at Hawai'i Community College

Senior Vice President Tsunoda requested that the Committee approve the establishment of the Associate in Science and Certificate of Achievement in Tropical Forest Ecosystem Management and Agroforestry at Hawai'i Community College (HCC).

Professor Stone explained that workforce development studies during the latter half of the 1990s showed a need for workers in forestry related occupations. Based on this need, the State Department of Labor, Workforce Development Office and the Hawai'i Community Forestry Initiative approached the Community Colleges system in 1997, proposing that new programs be developed in forestry related fields.

Initially a consortium of five community colleges responded and the Hawai'i Community Forestry Initiative made an \$8,000 seed money grant available. In 1998, discussions were held with the community colleges and 20 federal, state and private institutions, and a comprehensive curriculum outline were developed. A grant proposal was prepared and submitted to the National Science Foundation Advanced Technological Education (NSF/ATE) who agreed to fund a pilot program at Hawai'i Community College. The three-year grant of \$285,000 began in July 2000.

During the first year 12 new courses were developed, a 16-member Advisory Council was chosen, a computer classroom was established, a greenhouse was constructed, and four student employees were hired. Recruitment began in late spring 2001, with poster sessions at two career fairs and four professional meetings, a brochure mailing to every public and private school, career organization and environmental organization in the State. Newspaper articles describing the program appeared in newspapers throughout the State.

Additional grants were successfully sought to assist in program implementation: A USDA CREES grant for \$155,000 submitted in June 2001 with Hawaiian Studies and HCC Agriculture will provide a 15-passenger van, a pickup truck, a tractor with attachments for Forestry and Agriculture operations, a trailer and a chipper-shredder. A new USDA CREES grant for an additional \$150,000 in 2002/03 will allow purchase of an additional 15-passenger van and internship funds. The equipment will enable the Forest TEAM program to establish a field site for agroforestry and native forest regeneration. A \$6,000 grant from Rural Development will allow the program to fund internships during the summer of 2002. A \$20,000 grant from Perkins Vocational Preparation funds will allow purchase of a computerized Total Station surveying instrument.

The goal of the proposed program is to provide advanced technological education to enable graduates to work in areas relating to agroforestry and ecosystem management, or to permit them to transfer to four-year colleges. To do this, it was necessary to:

- A. Develop a curriculum leading to an Associate Degree and Certificate of Achievement in Tropical Forest Ecosystem and Agroforestry Management Technician, and implementation and curriculum.
- B. Include a significant applied math and science content and applied technology (use of computers, GPS and GIS), and a substantial field laboratory component. The curriculum is built on a framework of native plant propagation class-work and field laboratories already developed by HCC faculty.
- C. Work with potential employers to give students the course work needed to find jobs and to develop internships that will give hands-on experience in career pathways. It is estimated that a minimum of 20-30 new jobs per year is available in the State of Hawai'i in this field. These include jobs with government agencies, private industry and small mixed forestry and agricultural operations.

The National Science Foundation's Advanced Technological Education Program is supporting the proposed program with a three-year Pilot Program grant of \$285,000. The grant specifically points to the need for training in tropical forest ecosystem management. In addition the program would be collaborating with the State of Hawai'i's Forestry and Communities Initiative, the Workforce Development Council of the State Department of Labor and Industrial Relations, Hawai'i DOE National Resources Standards Career Pathways, UH-Hilo College of Agriculture, Forestry and Natural Resource Management, the UH-Hilo Ecology and Evolution program, and UH College of Agriculture and Human Resources at the M~noa campus in Honolulu. A Memorandum of Understanding has been approved among Hawai'i Community College, UH-Hilo CAFRM,

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UH-Mānoa College of Tropical Agriculture and Human Resources and Oregon State University's College of Forestry to articulate courses and exchange students and faculty.

Regent Bergin reiterated his concerns over the fact that many of the University's extension station sites are not being used. Such resources could be put to better use by cooperative usage such as by the proposed program. Regent McElrath concurred, adding that there should also be cooperative efforts between this program, Mānoa's College of Tropical Agriculture, and the National Botanical Gardens located on the island of Kaua'i. Professor Stone indicated that his department is cooperating and engaging in interactive activities with many of the units including those at the Mānoa and Hilo campuses as well as some on the mainland.

Regent Nunokawa moved to approve the establishment of an Associate of Science and Certificate of Achievement in Tropical Forest Ecosystem Management and Agroforestry at Hawai'i Community College, effective Fall 2002, subject to the Regents' policy on provisional academic programs. The motion was seconded and unanimously carried.

There being no further business before the Committee, the meeting was adjourned at 4:55 p. m.

Respectfully submitted,

David Iha, Secretary

Dated: May 14, 2002

c: Chairperson Allan K. Ikawa
Members, Committee on Academic Affairs
Members, Committee on Community Colleges
President Evan S. Dobbelle
Senior Vice President and Chancellor Joyce S. Tsunoda
Senior Vice President and Chancellor Rose Tseng
Interim Chancellor Deane Neubauer
Chancellor William A. Pearman

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