

# **Establishment of the College of Pharmacy at University of Hawai'i at Hilo**

## **Executive Summary**

The College of Pharmacy will be a functional division of the University of Hawai'i at Hilo. The College will include an Office of the Dean, one Associate Dean, two academic departments, administrative services and distance learning/technology support. The Doctor of Pharmacy (Pharm.D.) degree is a four year professional doctorate begun after a minimum of two years of specified pre-pharmacy course work. The first two years of instruction in the Pharm.D. will be completed at UH Hilo, while the final two years will be completed at various clinical sites throughout the Islands.

The Department of Pharmaceutical and Biological Sciences will provide the basic science instruction during the first two years of the program. The Department will consist of a chair, 8 faculty, one secretary and one clerk typist. The Pharmacy Practice Department will consist of a chair, 26 faculty, one secretary and two clerk typists. The faculty will be located throughout the four main islands. There will be 8 faculty in Hilo, 14 faculty and one clerk typist on Oahu, and two faculty each on Maui and Kauai.

The College will be developed over a six-year timeline, with the first class entering in 2007 and the first class graduating in 2011. At full enrollment the operating budget in 2011 will be \$6.4 million. Tuition income will provide \$4.4 million, leaving a balance of \$2 million to be covered by state funds. The operating budget in subsequent years will be reduced by \$300,000 due to the absence of start up costs. The first two years will consist of start up activities such as hiring a dean, faculty and staff; formally developing the curriculum, arranging for clinical sites and construction of a building for the College. The last four years will consist of the phase-in of each of the four years of the academic program.

## **Narrative**

This proposal is to establish a college of Pharmacy at the University of Hawai'i at Hilo. The mission of the College is to offer a curriculum leading to the Doctor of Pharmacy (Pharm.D.) degree which will qualify its graduates to become pharmacists licensed to practice in Hawai'i.

- a. Present Organization. UHH does not presently have a College of Pharmacy in its organizational structure.
- b. Proposed Organization. As described in the attached Proposed Organization Chart, the College will be located in the academic unit of UHH, under the direction of the Vice Chancellor of Academic Affairs.
- c. Background and Reasons for the Proposed Reorganization

There is a serious nationwide shortage of pharmacists and this shortage exists in Hawai'i as well. Because of this shortage Hawai'i has been chronically underserved by the pharmacy profession compared to the

mainland, especially in the rural areas of the state. Numerous studies indicate that the shortage is a long-term problem, with a projected need for 157,000 pharmacists by 2020. There is no pharmacy program in the University system to address this growing problem in the health care area. Hawai'i students are thus forced to compete for spaces in increasingly difficult to obtain openings in state colleges on the mainland, or to pay very high tuition to attend private colleges. While more than 100 Hawai'i residents attend pharmacy colleges on the mainland each year, the shortage persists because most do not return to the state to practice after training on the mainland. With the new standard of licensure for pharmacists requiring the Doctor of Pharmacy degree, it is important to the quality of health care in Hawaii that local pharmacists have access to this level of education. The proposed College of Pharmacy is intended to address this need.

As the proposed college is a new academic unit, there will be no reassignment of positions within UHH. The fifty six permanent positions in the College include four administrators, 34 faculty, 10 secretary/clerk positions and 8 administrative support and distance learning/technology personnel. It is common practice for professional colleges of pharmacy throughout the country to have their own administrative services staff (similar to JABSOM). Funding for the positions will be requested from the legislature. The college will be organized into two academic departments with attending support services, and could provide the education program to 264 students working toward the Doctor of Pharmacy degree.

The College will require a new building for its programs. Funding for the building will be obtained from federal and private sources. Total operating costs for the College will be approximately \$6.4 million at full enrollment in the final start-up year (2011), with tuition income at the proposed level providing \$4.4 million of this amount. The operating budget in subsequent years will be reduced by \$300,000 due to the absence of start-up costs. Funding for operating costs not covered by tuition will be requested of the State Legislature. Attachment 1. summarizes the proposed operating budget in detail.

d. Other Alternatives Considered.

While the state could consider paying the expenses of Hawai'i residents to attend mainland pharmacy programs, such a strategy would cost considerably more than the proposed College. It would also not address the problem of students failing to return to Hawai'i to practice. Without the creation of a College of Pharmacy in Hawai'i it can be expected that the health care system will increasingly suffer from a lack of licensed pharmacists.

## **Functional Statement**

Provides for the academic curriculum leading to the Doctor of Pharmacy degree.

### OFFICE OF THE DEAN

Responsible for the overall activities, curriculum and personnel of the College of Pharmacy.

- Responsible for faculty, administrative and staff personnel actions, faculty recruitment and affiliate faculty appointments.
- Maintains liaison with College Senate and Senate Executive Committee, other Deans, Directors, Vice chancellors and the Chancellor.
- Responsible for overall curriculum development and long-range planning.

### DEPARTMENTS

(Pharmaceutical & Biological Sciences and Pharmacy Practice)

Develop curricular programs, in accordance with accreditation guidelines, that leads to the Doctor of Pharmacy degree.

- Coordinate curricular offerings between departments through appropriate consultation.
- Coordinate on-campus courses with distance learning based courses and pharmacy practice courses throughout the state.
- Review and process personnel transactions, administer student help and the operating and equipment budgets.