STATE OF HAWAII
UNIVERSITY OF HAWAII
UNIVERSITY OF HAWAII AT MANOA
JOHN A. BURNS SCHOOL OF MEDICINE

MAJOR FUNCTIONS

Office of the Dean

Directs activities, personnel and curricula in the School of Medicine and affiliated community hospitals and health centers. Responsible for the direct liaison with other Schools of the College of Health Sciences and Social Welfare, the Graduate Division, community colleges and community agency for collaborative instruction, research and community service. Establishes policies with the Schools’ Executive Committee to develop and implement the academic programs and coordinate continuing medical education. Conducts accredited graduate medical education programs in community hospitals. Also responsible for general program development in accord with Legislative mandate and University policies.

Division of Ecology and Health is to develop a program addressing the linkages between environmental and human health. It will directly benefit ecological and human health in Hawaii and the Pacific region, will complement the biomedical research component of the School of Medicine’s vision, will have both direct and indirect economic benefits, and will generate research results applicable to addressing environmental and human health problems worldwide.

Office of Student Affairs

This major academic support program is directed by an Associate Dean with special responsibility for minority recruitment and counselling.

- Student advising, registration, etc.
- Staff support of admissions processing. An Admissions Committee makes the decisions, but the processing of over 1,250 applicants is undertaken by the Student Affairs staff.
- Past and current student records.
- Staff support to Student Standing and Promotion Committee and Student Evaluation Review and Remediation Committee (faculty and student composition).
- Minority recruitment and liaison with UH Hilo, Community Colleges, University of Guam, etc.

Office of Administrative Services

The School of Medicine Office of Administrative Services provides surveillance for all of the School’s business affairs. The office prepares budgets, develops long-range and short-range plans, approves and controls expenditures, supervises all personnel transactions, assumes responsibility for all equipment and property assigned to the School, oversees the procurement of and payment for all supplies and equipment, assists in the initiation and administration of research and training contracts and grants, and the accounting systems analysis and development for the School.

Instructional Resources

This support unit provides support services as follows: animation, chart and graph production, consultation, repography, studio photography, studio and interactive video production, video tape duplication, freehand and mechanical illustration, and cine and video editing.

Geriatric Section

Provides the instruction, research and community service activities in geriatric medicine for medical students, residents, fellows and other health care workers. Also participates in continuing medical education programs for practicing physicians.
Imi Ho’ola Program

Imi Ho’ola is a post-baccalaureate program designed to provide educational opportunities for individuals whose medical school applications were rejected, but who are deemed capable of succeeding in medical school. The curriculum emphasizes the integration of concepts and principles in the sciences and humanities, and further develops communication and learning skills. Persons benefiting come from an environment that has inhibited the individual from obtaining the knowledge, skills and abilities required to enroll in and graduate from medical school and/or comes from a family with an annual income below a level based on low-income thresholds as published by the U.S. Bureau of Census.

Office of Medical Education

Responsible for the coordination and administration of the educational programs leading to the M.D. degree, the conduct of faculty development programs and the quantity and quality of faculty participation in our problem-based learning curriculum.

Office of Public Health Studies

The Associate Dean’s Office is concerned with curricular and academic programs of the Office of Public Health Studies as well as the overall administration of the department. Responsibilities include recruitment; retention and improvement of faculty; budgets; course schedules; teaching assignments and department research; students enrolled in the department; and the administration of the School of Medicine, Office of Public Health Studies, and University policies as they apply to the department. The Associate Dean is also responsible for business services and for the public relationships of the department, including intra-School of Medicine and intra-university relationships as well as those with community organizations and State and Federal government agencies.

In carrying out these responsibilities, the Associate Dean plans, organizes, directs and coordinates the department’s programs and activities with assistance of the Assistant Dean, department chairs and directors, and various faculty committees. The Associate Dean will also develop and implement a strategic plan for the expansion of the academic program in the department to include the five core areas of public health (epidemiology, biostatistics, environmental health, social/behavior sciences and health services administration) and for the reestablishment of an accredited School of Public Health.

Department of Public Health Sciences and Epidemiology

This department is committed to providing a comprehensive program in graduate education at the masters and doctoral levels in public health sciences and epidemiology. The program is a research driven curriculum for graduates with a background in biomedical sciences, physicians, nurses, microbiologists, and related fields which incorporates research, teaching, and service to promote health and well being, and to prevent disease, disability, and premature mortality. The program is accomplished through scientific research in public health sciences and epidemiology and creative alliances with the School of Medicine, with other UH units, and with the local and global community.

Graduate Program

The Graduate Program of the Office of Public Health Studies is functionally separated into a masters of public health, which is a predominantly professional degree, and the masters of science in public health and the Biomedical Ph.D. degree in Biostatistics and Epidemiology which are academic and research based degrees. Each degree has its specific requirements and is supervised by the Chair of the Field of Study appointed from the Department through the UH Graduate Division.
Center on Aging

The University of Hawaii Center on Aging offers graduate and undergraduate 15-credit certificates in gerontology, with students taking courses from professors across campus in the fields of family resources, law, medicine, nursing, public health, psychology, social work, sociology, etc. In addition to teaching and advising, Center on Aging staff support the UH chapter of Sigma Phi Omega (gerontological honor society), provide service to the community, and conduct research in aging. Current research focuses in three areas: Asian and Pacific Islander aging, end-of-life issues, and developing/testing health education and training materials. Manoa faculty affiliated with the Center on Aging also conduct research, provide service, and consult on many aspects of aging, including program development and evaluation.

Admissions and Student Services

Functional responsibilities are in support of non-M.D. graduate student-related activities of the administrative and instructional functions of the School of Medicine. These include recruitment, inquiries, applications and admission, enrollment, registration, course scheduling and alumni. The office is also responsible for assisting students with a wide variety of problems, providing advocacy for student concerns and functioning as a liaison with other University areas such as the Graduate Division, Office of Admissions and Records, Financial Aid Services, KOKUA Program, Veterans Affairs Office and International Student Services.

Public Health and Biomedical Information Center

The overall operational responsibility of the Public Health and Biomedical Information Center (PHBIC) is to help meet the informational needs of the educational, research, clinical and service programs of public health and medicine of the School of Medicine. This is accomplished by serving as an access and service (instructional) delivery point for medical/health information; instructing and training students, faculty, and alumni in the use of the latest technologies for the effective identification, retrieval and use of medical and health information; and by forming partnerships and linkages with the important resources of the Hawaii Medical Library, Inc. and the Hamilton Library, University of Hawaii at Manoa.

Administrative Services

Functional responsibilities are budgeting and expenditure control; purchasing and property management; personnel management and transactions; building and office space assignments; contracts and grants administration; and such auxiliary services as parking permit clearances and telephone installation. This office will also provide direct support to the School of Medicine Director of Business and Hospital Affairs and ongoing organizational restructuring support in the reestablishment of an accredited School of Public Health.

Department of Anatomy and Reproductive Biology

Provides medical students with a basic understanding of the structure of the human body at all levels of organization from the subcellular level through tissues, organs, and gross relationships of organ systems. Also provides undergraduate level instruction in anatomy for paramedical and biological science programs.

Maintains a strong group of teacher-researchers to provide consultation and expertise in anatomy and reproductive biology, to instruct medical students, residents and clinicians and for the contribution of basic research to problems of population control. The Institute for Biogenesis Research was established in May 2000 for the study of reproductive and developmental biology and support the academic pursuit of research in these fields.
Department of Biochemistry and Biophysics

The basic program objective of the department is that of excellency in training. The department provides training in Biochemistry-Biophysics for a large number of undergraduate, graduate, postdoctorate and continuing education students. Besides the various A.B., B.S., Ph.D. and M.D. candidates, this department provides advanced training for Medical Technologists already working in the field or recent graduates of the medical technology program.

Our faculty is on the forefront of investigative programs dealing with the care, treatment and cure of cancer, cardiovascular abnormalities, nutritional and metabolic disturbances, energy metabolism, and enzymatic mechanisms.

Department of Cell and Molecular Biology

Provides quality graduate education in genetics for all qualified students and provides undergraduate instruction in genetics as a service to the University at large.

Certain major areas of research concentration can be identified as follows: human genetics, evolutionary genetics, cell and developmental genetics.

Interaction with community groups occurs in several areas: the Medical Genetics Services Program, Hawaii Heart Association Research Committee, Board of Directors of the Bernice Pauahi Bishop Museum, the Nature Conservancy, as well as other organizations concerned with environmental and conservation biology.

Department of Medicine

The ultimate goal of the Department of Medicine is to improve health care through service, education and research in the clinical sciences, more specifically in the field of internal medicine and its recognized subspecialties which are directly and primarily concerned with patients. Target groups involved are medical students, allied health students and professionals, house officers in affiliated hospitals, and practicing physicians.

Department of Obstetrics, Gynecology and Women's Health

Training of medical students and paramedical personnel in the various aspects of Obstetrics, Gynecology and Women's Health, including: human female reproductive biology and endocrinology, basic pelvic examination, performing a routine delivery, disorders of the female reproductive system, family planning and human sexuality, correlation between various disease processes and the pathology of the reproductive organs. Also developed are seminars and training programs for the practicing physician.

Department of Pathology

Provides instruction for medical students in basic, systematic and clinical pathology. Pathology bridges the basic sciences with clinical medicine. Makes available specialized topics in pathology to third- and fourth-year medical students, graduate students and residents in pathology.

Integration of instruction in pathology at community hospitals. The University’s involvement in community hospitals allows this department to improve the postdoctoral residency program for training of specialists in pathology.
Department of Pediatrics

The department is committed to providing a comprehensive program of training, service, and research in the field of pediatrics. Departmental responsibilities for pediatric teaching involve multiple levels from first year medical students to post-residency trainees, both physician and allied health personnel.

Pediatric training must encompass all aspects of child life and health. The basic philosophy of the pediatric teaching program is that every person in the medical and paramedical profession should have an understanding of the dynamic nature of growth and development from conception to maturity.

Teaching of medical students at all four levels must cover a number of subspecialty areas in order to provide a basic and comprehensive training in pediatrics. The department provides post-medical specialty training through the University of Hawaii pediatric integrated residency program. Fellowship training in neonatology and adolescent medicine is offered to physicians having completed their basic pediatric graduate training.

Additionally, this department is responsible for the Pediatric Intensive Care Unit, Neonatal Intensive Care Unit, and Pediatric Emergency Care located at the Kapiolani Medical Center for Women and Children, and provides secretarial services to maintain departmental operations.

Department of Pharmacology

Teaching efforts of the department are directed toward first and second-year medical students, graduate students, and pre-med, pre-nursing, food and nutritional science, sports medicine and dental hygiene students.

Along with teaching, the department regards research as an indispensable activity since the latter is intimately intertwined with the teaching and training of students.

Department of Physiology

Provides instructional services in physiology to undergraduate, graduate and medical students. Trains graduate students toward M.S. and Ph.D. degrees in physiology. Engages in both basic and applied research in Physiology. Renders services as needed by the local, national and international communities.

Department of Psychiatry

Provides psychiatric teaching and training to medical students, residents in General Psychiatry, Child and Adolescent Psychiatry, and Geriatric Psychiatry.

Provides inpatient and outpatient psychiatric services and consultation at the following sites: the Queen’s Medical Center, Kapiolani Medical Center for Women and Children, Hawaii State Hospital and community mental health centers on the islands of Hawaii, Molokai, Maui, Kauai and Lanai.

Conducts research in various aspects of psychiatry: culture and mental health of different ethnic groups, mental health epidemiology of Native Hawaiian adolescents, substance abuse, severe mental illness, neuropsychiatry and psychopharmacology.

Members of the department contribute service to the community on both the state and national levels. They include such activities as member of NIMH Review Committees, president of the Hawaii Psychiatric Society, and president of the Hawaii Council of Child Psychiatry. Members of the department also provide consultations to schools and speakers for PTA groups and other healthcare and community organizations.
Surgery is the branch of medicine that deals with the treatment of disease, injury or deformity by manual or instrumental operations. The department provides instruction and training to medical students in both general surgery and the subspecialties and includes etiology, diagnosis, pre- and post-operative care, surgical techniques and research. Facilities and resources are available to support clinical research in a variety of fields. The department operates a general surgery residency program, an orthopaedic residency program and a surgical critical care fellowship program. It conducts and participates in continuing medical education programs for physicians and other health professionals. The program utilizes a large and varied faculty of general and specialty surgeons, as well as numerous local medical centers, giving students and residents ample exposure to surgical disease and therapy.

**Department of Tropical Medicine and Medical Microbiology**

Work toward increasing comprehension and the ability to apply techniques of medical microbiology, infectious diseases, tropical medicine and public health laboratory in the target populations: medical students, public health students, medical technology students, and graduate students in tropical medicine, biology and public health.

**Division of Medical Technology**

It is the goal of this program to adequately develop appropriate numbers of medical technologists who will be able to provide the best possible health care to the State of Hawaii and areas in the Pacific Basin.

Specific objectives of the program are: to graduate students with a B.S. degree in Medical Technology who are prepared to enter an AMA approved School of Medical Technology for the additional professional education for national certification; develop and implement mechanisms to expand enrollment in the medical technology program; to provide special programs on education for the academic and clinical faculty; to implement special retraining programs for persons reentering the field; to develop a Master's level degree program for medical technologists.

**Division of Speech Pathology and Audiology**

Objectives of the program are: to provide training for undergraduates (B.S. candidates) and graduate (M.S. candidates) students which will enable them to meet national certification standards and to work as fully qualified professionals; to provide a reservoir of trained personnel to meet the needs of the State in the area of habilitation and rehabilitation of those with speech and/or hearing disorders; to help meet the unmet requirements in this field in other areas of the United States and the entire Pacific area.

**Department of Family Practice and Community Health**

Provides health care characterized by the combination of delivery of first contact health services, the assumption of continuing responsibility for patients regardless of the presence or absence of illness, and the integration of care for their physical, psychological and social health.

Long range objectives are: to increase access to primary care in Hawaii and American Samoa; to train all medical students to a maximum level of competence as primary care physicians; to provide postgraduate training for students in any of the medical specialties; to provide a realistic view of primary care medicine as a career.