

private study, and research of staff members is inadequate.

The total floor space of the building is about 8500 square feet. The estimated square feet needed for a modern department with provision for the future is 25,000.

Bacteriology. Bacteriology has modern quarters on the top floor of new Snow Hall, but the steady growth of major and graduate enrollment has crowded the facilities. In addition, the following needs for the current enrollment exist: laboratory space for hematology or bacterial physiology; more room for graduate research; space for display of a working museum of pathological specimens; an operating room; more animal quarters; more incubator space. Eventual enlargement of the medical school classes to 100 would cause additional difficulties.

Placing of Bacteriology in ample quarters in a medical science building would release the top floor of Snow Hall to some other University department. For example, psychology could be moved in, releasing its present quarters in the basement of East Strong Hall to the much-overcrowded School of Business.

Biochemistry. The department of biochemistry has at its disposal one small office, one laboratory of 40 desks, one small (10 feet by 12 feet) third floor room for advanced students, and a basement and sub-basement store and supply room. All this space is needed by Chemistry to handle the present record enrollment of students interested in chemistry either as a major, or in connection with majors in chemical engineering and petroleum engineering. Some of the medical class experiments must be conducted in the hall of the building because of insufficient laboratory space. Lecture and recitation rooms, of course, must be sought from other departments.

Physiology. The laboratories of the physiology department are located in part in the west basement of Frank Strong Hall and in part in the animal house located across the campus near the power plant. This arrangement necessarily means duplication of work and equipment, and unavoidably reduces efficiency. Since the department has only one small lecture room the larger classes must meet in other rooms or in other buildings, making use of illustrative materials almost impossible. The animal house itself is small, necessitating duplication of effort through numerous class sections at various hours. The housing for animals is inadequate. Room is also needed for special types of work, and for study and research for staff members.

Quarters in Frank Strong Hall vacated by physiology could be assigned to the School of Business, thus relieving their space problems.

Cost. The laboratory building outlined above and designed to accommodate the School of Pharmacy and an eventual entering medical class of 100, under generally accepted teaching standards, would have 170,000 square feet of floor space. The cost, including equipment, is estimated at about one and one-quarter million dollars.