

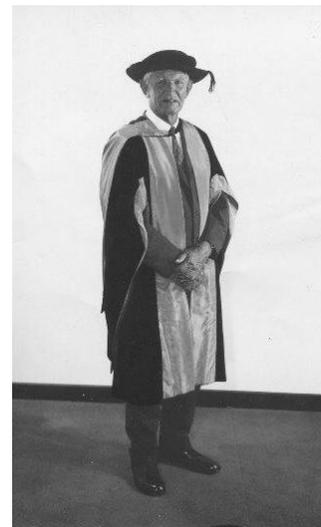
## PROFESSOR HERBERT JOHN GARNHAM HINES (1912-21)



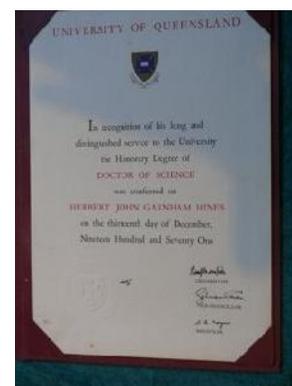
He was born on 29 September 1902 and after a distinguished academic career at the College went to University demonstrator before moving to Australia.

He initially took up a role as assistant chemist at Brisbane University before join the University of Queensland. Here he was responsible for the early development of biochemistry at the University. He was appointed Dean of Science in 1963 and was awarded the honorary degree of Doctor of Science in 1971. In 1972 he was elected Emeritus Professor.

He died in 1975 at the age of 72.



The Biochemistry building at the University (see below) was re-named the John Hines Building in July 1978 to honour his work at the University. The building is still in use to this day with the same name. *[For OFs it is interesting to note that the building was originally opened by Princess Alice on 8 June 1962.]*



Below are some excellent photos sent in by his son Michael, followed by an outline history of the Biochemistry Department at the University, clearly mentioning his early part.

Winning the long jump, University College of London athletics meet, early 1920s



Portrait middle to late 1920s Harpenden photographer. Taken when he worked at Rothamstead Agricultural, Experimental Station



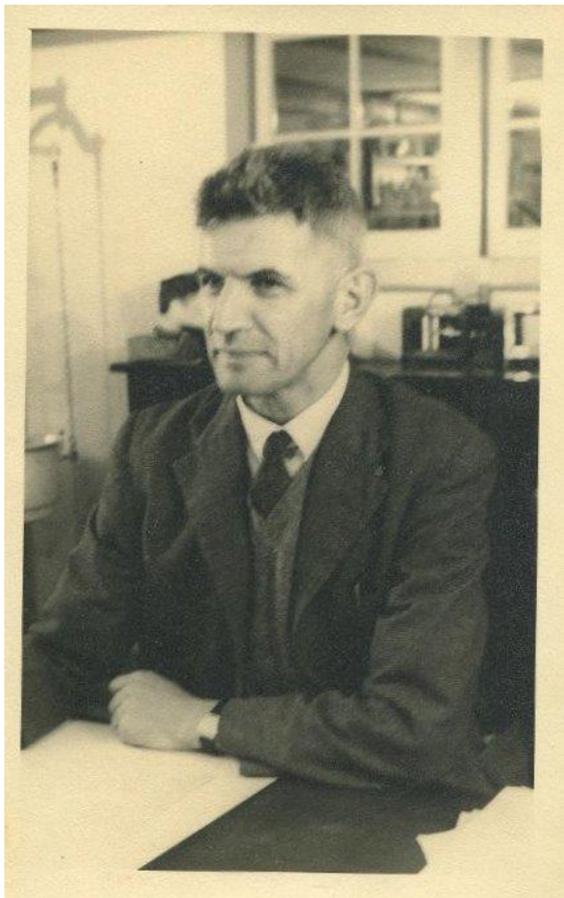
Brisbane portrait, late 1930



Pictured with Professor Sir John Russell, Director of Rothamstead, December 1938



Mid 1940s portrait in office, Sir William McGregor Building, William Street, Brisbane, as University



In Doctoral robes, Honorary Doctorate of Science, University of Queensland, 1971



The following photo was taken in about 1918 at Framlingham. He is seated second from left of photo, but see above for blown up image.



Below is the outline history of the Biochemistry Department at the University, clearly mentioning his early part.

## AN OUTLINE HISTORY OF THE DEPARTMENT

1936 - 1967

The Department of Biochemistry is one of the youngest departments in the University. It was established in January, 1961, and the first Professor and Head of the Department (Professor E. C. Webb) was appointed in September, 1962.

However, the teaching of biochemistry had begun many years before with the appointment of Mr. H. J. G. Hines as lecturer in physiology in 1936, following the establishment of the Faculty of Medicine and the Department of Physiology in 1935.

The first appointment specifically in biochemistry was an Assistant Lectureship in Biochemistry in 1947 and the position was taken by Mr. John F. Morrison.

During the late 1930's and 1940's, a *de facto* section in biochemistry had developed within the Department of Physiology under the direction of Mr. Hines. He was appointed Associate Professor of Biochemistry in 1949 to head this biochemistry section under the direction of the Professor of Physiology.

Already many distinguished alumni who received their biochemical training in the University of Queensland hold responsible positions in other parts of Australia; for example, we number among our former students a Professor of Biochemistry and a Professor of Clinical Science in the Australian National University.

While for many years biochemistry had been taught in the Faculties of Dentistry, Medicine and Veterinary Science, the first separate courses were offered in 1963, 1964 and 1963 respectively. The Science course, the course which produces professional biochemists, has undergone extensive and continuous revisions in the last six or seven years to keep in step with the tremendous growth and development of the subject.

But teaching activities and the graduation of professional biochemists are but one side of a vigorous University department. Of equal importance is the research activity of the Department.

An Honours option in biochemistry was first offered in 1937 and the first Honours graduate was Mr. John P. Callaghan, who graduated with First Class Honours in 1938. However, the research activity of the biochemistry section was not great and it was not until 1959 that John E. O'Hagan was awarded the first Ph.D. in biochemistry. When the present head of the Department was appointed in 1962, there were three Honours, three Master's and four Ph.D. students enrolled in biochemistry. Today, in addition to teaching almost a thousand undergraduates, we have 27 Honours and Master's Qualifying students, 15 Ph.D. students and four post-doctoral fellows, three of them from the United States of America.

The quality of the research has been recognised and it is supported by the National Health and Medical Research Council of Australia, the Australian Research Grants Committee, the United States National Institutes of Health, various State Government agencies and the Wellcome Trust, London.

For research is slowly coming of age in this University and it is no longer sufficient merely to talk of research activities, since good research is clearly measured in terms of worthwhile contributions to the scientific literature. It is worth remembering that this is the only way that the scientific community as a whole can evaluate the work of the Department. In this regard, we are justly proud of our increasing output.

In addition, the Department gratefully acknowledges the support given by local endowments, in particular the Elizabeth Dawson Drew Bequest, the Mayne Bequest, the Tooth Bequest and various local firms.

But scientific research becomes more and more sophisticated and with the increasing sophistication goes increased costs of equipment without which research cannot be done efficiently. Further, it is such equipment which allows us to compete on even grounds with the larger and much longer established overseas Universities. The rising cost of biochemical research can be readily gauged by comparing the cost of conversion of the School of Pharmacy to the School of Physiology for \$900 in 1935 with the cost of a single item of equipment, a zonal ultracentrifuge, kindly met by the Elizabeth Dawson Drew Bequest for \$20,000 in 1967.