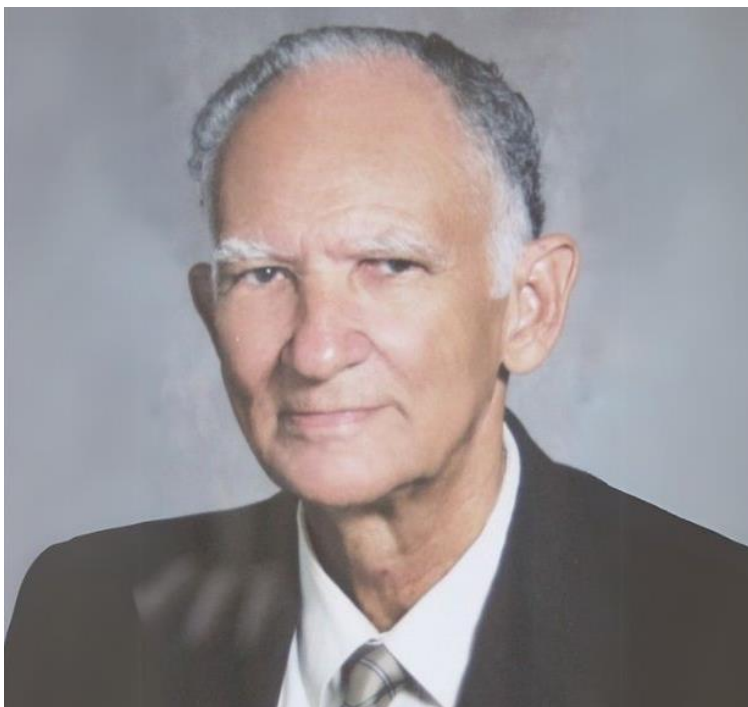




THE UNIVERSITY  
OF THE  
WEST INDIES

**FACULTY OF SCIENCE AND TECHNOLOGY**  
**DEPARTMENT OF CHEMISTRY**

**Dr. Alfred M.W. Sangster OJ, CD, JP, BSc, PhD, FJIM**



Alfred W Sangster was awarded his PhD in 1958, by the University College of the West Indies, based on his work on "The alkaloidal content of the British Guiana greenheart *Ocotea rodiaei*", under the supervision of Professor Cedric Hassall, the first Head of Chemistry. He went on to become a Lecturer in Organic Chemistry in the Department of Chemistry at The University of the West Indies, Mona. See extract below.

Extracted from Kenneth E Magnus and Robert J Lancashire, "The Department of Chemistry, UWI, Mona", Ian Randle Publishers, Kingston, (2010).

"Before Alfred Sangster, took over the leadership of CAST/UTECH he was a lecturer in Organic Chemistry under Hassall and then Haynes's in the Chemistry Department, UWI, Mona. It was during Haynes tenure as Head that the campuses at St Augustine and Cave Hill were established and **Alfred Sangster assisted Leslie Robinson in the earliest stages of the establishment of the campus in Barbados**. Among his research students at Mona was Shirley Ithomas whose doctoral research intrigued the department. She worked with Alfred Sangster as her supervisor and with the cooperation of the Zoology Department studied the substances from fish bait which actually attracted the fish. The way the reef fish in tanks

responded to Arcamine, a dipeptide derived from the mussel *Arca zebra*, readily caught the attention of onlookers. The fish rushed from aimless swimming to examine the end of the tank into which the extract was introduced, always intriguing those watching. Alfred also helped with organising Open Days and such demonstrations as Volcanoes and Chemical Snakes were part of his repertoire. The Chemical Garden (of silicates) was a crowd pleaser.”



**Alfred running a laboratory class.**

Records from the Department of Chemistry show that Sangster supervised two graduate students to the MSc and PhD levels (see table).

Graduate Students:

Student	Degree	Year	Thesis
Thomas, Shirley	MSc	1967	Chemical Factors inducing exploratory Feeding Behavior in Fish.
Thomas, Shirley	PhD	1970	Natural Products from Marine Invertebrates
Tingling, Nellie	MSc	1970	The Chemistry of Strombine, a Feeding Inducer Isolated from <i>Strombus Gigas</i>



L-R: Prof Kenneth E Magnus (former Head & Dean), Dr Alfred Sangster, Professor Cedric Hassall (First Head of Department)