

FACULTY OF SCIENCE
PROFESSOR PHILIP HULTIN MEMORIAL PEDAGOGY FUND

TERMS OF REFERENCE

Introduction:

Philip G. Hultin was a Professor of Organic Chemistry in the Department of Chemistry from 1993 to 2018. Dr. Hultin was a passionate teacher, mentor and researcher. He served for many years as a Faculty of Science Senator where he channeled his love of all branches of learning, including the sciences, humanities and music, to vigorously promote the education of our students. Dr. Hultin devoted significant time and effort to creating original course material and developing the Chemistry curriculum, and was deeply committed to advancing students' critical thinking skills. Through his teaching of Organic and Introductory Chemistry, Phil taught his students how to analyze problems, separating out the irrelevant details from the essential facts and teaching them how to construct an argument. Professor Hultin was beloved by his undergraduate and graduate students alike who recognized his passion and prowess for teaching by nominating him for numerous teaching awards. By the time of his passing at the age of 57, Professor Hultin had won 8 awards for his outstanding undergraduate teaching and graduate student mentoring. In their nominations, students expressed how much they benefited from his teaching skills, their great respect for him, and how much their learning depended on the respect he gave to all his students.

Fund Purpose:

This fund will be used to support one or more Faculty of Science students to assist Faculty members in developing any aspect of science pedagogy and curriculum development including but not limited to: the development of new laboratory and lecture content; the development of teaching media including digital media and textbooks; the development of student performance evaluation tools; the development of self-learning and self-testing tools for students; the development of web sites and tools for student communication; and the development of tools such as software that advances student learning in the Faculty of Science. The funds are meant to encourage curriculum development and assist Faculty members but also should help enhance student interest in science education and develop their skills in this endeavor.

Fund Type:

Endowment

Fund Revenue:

The fund will be seeded by an initial contribution from the Faculty of Science. Additional funds will be solicited through Faculty and Departmental communications including Newsletters and in particular the Department of Chemistry will strongly support these efforts.

Project Selection:

Students will indicate their wish to be considered for this fund through the standard USRA application process. Faculty members will submit a one-page proposal outlining the work to be conducted by the pedagogy student, the benefits to the teaching mission of the Faculty of Science and individual Faculty of Science course or program, and explain how the project will promote and develop the undergraduate awardee's interest and skills in any area of science pedagogy. Project funding decisions will be made in the Faculty of Science by the interdepartmental selection committee.

Disbursement:

The annual spending allocation and any funds in capitalized revenue (unspent allocations) should be used to support undergraduate student involvement in teaching initiatives in the Faculty of Science. The annual spending allocation need not be used on an annual basis, if there is not a project that fits the above criteria.

Communication:

A report on the impact of the funds distributed during the year will be submitted to the Dean of Science by the faculty member supervising the student and will be publicized in Faculty of Science and Departmental communications where appropriate.

Established: October 2018