

MCGILL UNIVERSITY
FACULTY OF GRADUATE STUDIES AND RESEARCH
DEPARTMENT OF PARASITOLOGY
(At Macdonald College)

Professor of Parasitology:- Thomas W.M. Cameron

The Institute of Parasitology is equipped especially for post-graduate study and research and in addition to the usual laboratory facilities, it is provided with aquarium, constant-temperature rooms and quarters for both large and small animals. There is available an excellent collection of parasites of man and domestic animals and this is continually being increased. The Institute has its own special library and arrangements have been made whereby the periodicals usually containing parasitological papers are seen as soon as published.

Master of Science

Pre-requisites: Evidence of a good grounding in general zoology is essential and a previous knowledge of elementary parasitology is highly desirable. "A", "B" and "C" are essential for this degree; a minor subject from group "E" may be selected, depending on the research problem selected and the candidate's previous training.

Doctor of Philosophy

Candidates should have a degree in which zoology is a major subject and when the special subject for research is an economic one, qualifications in human or veterinary medicine or agriculture are desirable: if the special branch of research is in non-economic animals, a degree with honours in zoology is desirable. A minor subject from group "E" may be selected but the examination in this should be completed by the end of the second year of study, the final year being devoted entirely to supervised research and preparation of thesis.

- (A) A systematic study of the animal parasites of man, domestic and economic animals:- Morphology, classification, life histories, bionomics, host-reactions, chemo-therapy and control. Rule of Nomenclature; use of catalogues and bibliographies, precise writing and methods of preparing papers for publication.
- (B) Practical Parasitology: Laboratory and post-mortem technique. Use of drawing apparatus and microphotography. Culture methods and life histories.
- (C) Field Work: Parasitological surveys. Collections in the field. Methods of Control.
- (D) Medical and Veterinary Entomology - (See Department of Entomology, course D).
- (E) Ancillary subjects relative subject of research, e.g. - Animal Husbandry, Agronomy, Bacteriology, Biochemistry, Pathology, Pharmacology, Physiology, Entomology, etc., as may be arranged. The subject or subjects in this group should be selected with due regard to the candidate's research problem.