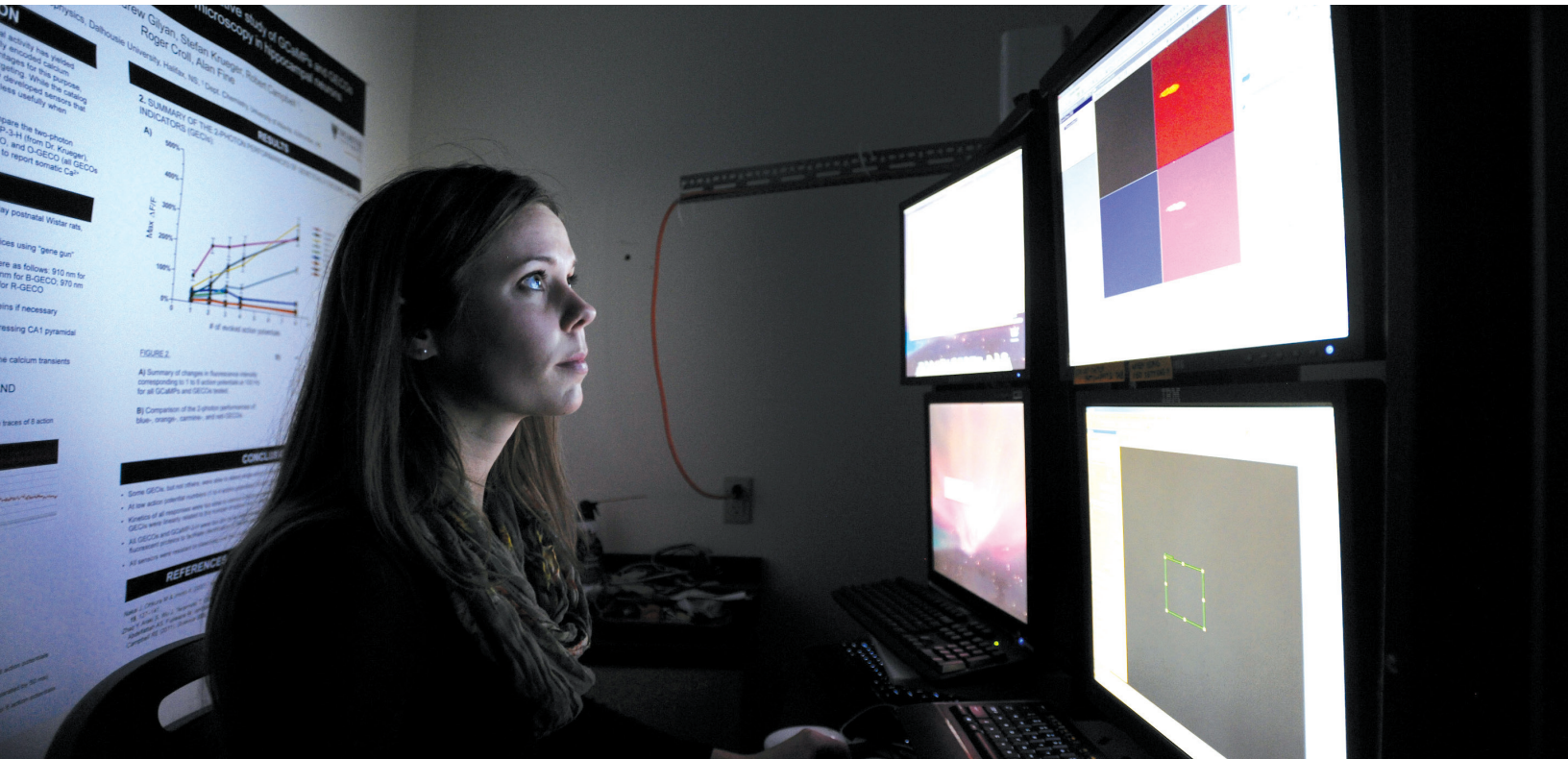# COMPUTATIONAL BIOLOGY AND BIOINFORMATICS

Master of Science (MSc)

This program is set within the framework of current interdisciplinary research conducted within Dalhousie. Students in this program will join a community of researchers in the fields of computational biology and bioinformatics. Resources from the Faculties of Computer Science, Medicine, and Science are coordinated to offer a flexible program, with a limited course load and an emphasis on research activities. Students from a broad selection of backgrounds are invited to consider the program. Each candidate is supervised within the research group of their supervisor from the beginning of their tenure.

DALHOUSIE UNIVERSITY

DAL.CA

Why study Computational Biology and Bioinformatics at Dalhousie?

RESEARCH STRENGTHS

Research in the field of bioinformatics at Dalhousie are focussing on fundamental aspects of genomics, molecular evolution, statistics and algorithms of computational biology.

POTENTIAL CAREERS

Because of the research oriented program design, the majority of graduates in the program are continuing on to a Ph.D. program in a specific discipline. Bioinformatics as a field produces graduates for emerging fields in medicine or in industrial research.

ADMISSION REQUIREMENTS

Candidates must satisfy the general requirements for admission to the Faculty of Graduate Studies. A supervisor must be identified and provide a written statement of willingness to support each applicant. Without such agreement, an application is considered incomplete.

LENGTH OF PROGRAM

MSc: typical time to complete is 2 years

APPLICATION DEADLINE

The program accepts application on an ongoing basis. Start dates must conform to regular academic terms.

CONTACT INFO

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dal.ca/academics/graduate_programs/computational-biology-and-bioinformatics.html