

Atlantic Veterinary College 2010 Summer Research & Leadership Program

Program Details

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About the Program:

The Atlantic Veterinary College invites DVM and BSc students interested in participating in a mentored research program during the summer of 2010 to apply to our AVC Summer Research and Leadership Program. The program introduces students to careers in research by incorporating a summer research project with a faculty member, which is complimented with a weekly lecture. Financial support is generously provided by the Atlantic Veterinary College and the Merial Veterinary Scholars Program. Academic credit towards fourth year rotations will be given to DVM students for the completion of the program.

The Goals of the Program are:

1. to provide each student with a summer experience in animal health research.
2. to provide each student with information about potential career pathways in veterinary medicine with a focus on research-related careers.
3. to expose each student to important aspects of research, like ethics, IP, and research communication.

Students will work with faculty advisors and other research personnel on a specific research project for approximately 3 months, from May to August. The program will also consist of a series of seminars and round table discussions on various aspects of research as well as give the students an opportunity to present their research results. **New this year, DVM students have the additional opportunity to apply to the Merial Veterinary Scholars Program** <http://www.merialscholars.com/> designed to provide enhanced exposure to biomedical research and career opportunities in research.

Eligibility:

Applicants must be DVM or BSc students who are enrolled in their first or second year of study. The program is open to students outside the Atlantic Veterinary College as well as within. In order to partake in the program you must have (or obtain) a summer position with a faculty mentor at the AVC.

Application Process:

To apply for the AVC Summer Research & Leadership Program fill out and submit the application form, including a short Statement of Intent. The deadline for application into the Summer Research and Leadership Program is **April 30, 2010**.

The Application form for the Summer Research and Leadership Program can be found below.

If you wish to apply for a Merial Veterinary Scholar fellowship then click on that link and submit the application by **February 15, 2010**.

[Click here](#) for the Application for the Merial Veterinary Scholar Program (deadline Feb 15).

Finding a Research Project

At the Atlantic Veterinary College the major focus areas of research are comparative biomedicine, fish health, population health, animal welfare, and infectious diseases/public health. Check the college website for faculty research interests and current projects.

You should also regularly check the UPEI Human Resources website for advertised summer student positions offered by AVC researchers <http://www.upei.ca/humanres/competition/student/>. Participation in the Summer Research & Leadership Program is not compulsory, so check with the researcher first before accepting the position.

Stipend Information:

Stipends are arranged with your supervisor. For Merial Veterinary Scholars, a stipend of \$5,200.00 is awarded to successful applicants, 50% of which is provided by the Merial Veterinary Scholars Program and 50% is covered by the faculty mentor. It will cover a period of 13 - 14 weeks from May – August 2009.

Contact Information:

For further information you can contact:

Rosemary McIver
Graduate Studies and Research
Atlantic Veterinary College
550 University Avenue
Charlottetown, PE
C1A 4P3
Phone: (902) 566-0572
Fax: (902) 566-0846
Email: mciver@upei.ca

Dr. Jan Lovy
Program Director
or Department of Pathology and Microbiology
Atlantic Veterinary College
550 University Avenue
Charlottetown, PE C1A 4P3
Phone: (902) 620-5012
Fax: (902) 566-0851
Email: jlovys@upei.ca

Proposed Program Events (tentative) (this will be linked to front page)

1. Orientation – Program Overview
2. Lecture – Effective Oral Presentations
3. Overview of Animal Welfare Issues
4. Student Oral Presentations – Summer Student Research Plans
5. Lecture – Intellectual Property
6. Round Table – Careers in Government
7. Workshop – Scientific Writing
8. Round Table – Leadership Skills for Professionals
9. Round Table – Philosophy of Science
10. Round Table – Research Ethics
11. Round Table – Careers in Biomedical Research
12. Lecture – Introduction to Biostatistics
13. Round Table – Careers in Food and Pharma
14. Workshop – Preparing Scientific Posters
15. Field Trip – Fish Health Research – fish research facility
16. Poster Presentations by Students and Wrap-up Luncheon and Awards

*** This page will be updated when the speakers and dates of the activities have been finalized.**

ATLANTIC VETERINARY COLLEGE
2010 SUMMER RESEARCH & LEADERSHIP PROGRAM
May to August 2010
Application/Agreement

To be Completed by the Student (please print):

I agree to participate in the activities as outlined in the Rationale, Student/Faculty Responsibilities link. It is my understanding that the activities should not compromise my primary research activities in the laboratory. **In particular I agree to prepare and present both an oral and poster presentation as part of the program.** I submit this form along with a Statement of Intent indicating why I wish to participate in the AVC Summer Research and Leadership Program, and (optional) the Merial Veterinary Scholars Program. **Statement of intent must be a maximum length of one half page, with a 2.5 cm margin, no smaller than 12 pt font.**

Student Name: _____

Institution Enrolled In: _____

Degree and Year: _____ Email address: _____

Home phone: _____ Cell phone: _____

AVC Faculty Advisor(s): _____

Signature of Student

To be Completed by the Research Faculty Advisor / Supervisor

Project Title: _____

Please check whichever applies:

I have read the Rationale, Student/Faculty Responsibilities and agree to support the above named student in the AVC Summer Research and Leadership program

In addition, if the student is a Merial Veterinary Scholar, I agree to use the Merial grant of \$2,600 exclusively to support this student's stipend, and agree to release the student to attend the National Symposium August 5-8.

Signature of Faculty Advisor

Submit to: Rosemary McIver, Graduate Studies and Research Office, Atlantic Veterinary College, Room 205S, 550 University Avenue, Charlottetown, PE, C1A 4P3, email: mciver@upei.ca, phone: (902) 566-0572 or fax (902) 566-0846 by **April 30, 2010**.

Students and faculty should keep a copy of this agreement for their records.

ATLANTIC VETERINARY COLLEGE 2010 SUMMER RESEARCH & LEADERSHIP PROGRAM

Rationale, Student/Faculty Responsibilities

Rationale for the Program

1. Recognition that DVM students should be made aware of all available career pathways in veterinary medicine.
2. Recognition that BSc majors should be made aware of the opportunities for academic and research careers in the biomedical sciences, following undergraduate and graduate studies.
3. Provide students with a means of increasing their exposure to research-related activities during the summer months of their undergraduate program.

Student Responsibilities

1. To participate in the **oral** and **poster** presentation sessions of the schedule where “research project/plans” and the “summary of activities/results” are presented (the latter in poster format).
2. To participate in the roundtable, lecture, and seminar sessions outlined on the schedule.
3. To participate in at least one field trip/outing on the schedule.

Faculty Responsibilities

1. Adjust the student’s work schedule to permit attendance at program events and to accommodate a field trip/outing.
2. To assist the student in preparation of the **oral presentation** of summer “research/project plans” and of the **poster** describing the summer’s research or educational project.
3. To provide the necessary resources for a positive summer research experience.