

The Experimental Lakes Area Fellowships in Environmental Science

The ELA Graduate Fellowships

Throughout the ELA's proud history, its research programs have benefited immeasurably from the intellect and energies of graduate students coming from across North America, and beyond. Most of these students have now moved on to successful and influential careers as researchers and managers in the environmental sciences, both here in Canada, and elsewhere.

In producing to date almost 100 masters and doctoral theses at the ELA, the participating students have attended such schools as the University of Alberta, the University of Amsterdam, Columbia University (Lamont Doherty Geological Observatory), the University of Kansas, McGill University, the University of Minnesota, the University of Toronto, the University of Waterloo, and York University. The largest number of students, however, has attended the University of Manitoba in Winnipeg, where the Freshwater Institute is located.

Now, the University of Manitoba, through the generosity of several major donors and many smaller contributors, has created **The Experimental Lakes Area Graduate Fellowships in Environmental Science**. These fellowships are being used to support selected University of Manitoba graduate students in their research at the ELA. It provides them with opportunities to participate in the cutting edge research and educational opportunities afforded by the ELA facilities and research programs. It provides the ELA with continuing access to this essential human resource.

The fund's principle now stands at more than \$400,000. Seventy percent of the annually-generated interest is used to provide the fellowships, and three students are receiving support in 2002. As the fund grows, more such revenues will be available for this important purpose.

The annual deadline for applications to this fund is February 15. University of Manitoba students seeking financial support for graduate studies at the ELA should see for guidelines below and instructions on how to apply. Please contact [Dr. Michael Paterson](#) (Phone: (204)984-4508) at the Freshwater Institute for more information.

The ELA Undergraduate Fellowships

Hundreds of researchers and resource managers have begun their careers as undergraduate student research assistants at the Experimental Lakes Area. Often these students have followed up by doing graduate studies at the ELA, or elsewhere. Now the ELA has a means of providing some financial support for young people interested in starting careers in the environmental sciences at the ELA.

The ELA Undergraduate Fellowship is supported by an endowment fund that utilizes earned interest to help support undergraduate students working at ELA. So far, we have raised in excess of \$100,000 for this fund and should have \$6000+ to distribute in 2002.

Money obtained from the ELA Undergraduate Fellowship will be used:

- 1) to partially cover the salary of the winning candidate at ELA, and
- 2) to pay \$2000 towards the candidate's tuition at the University of Manitoba.

To apply for the ELA Undergraduate Fellowship students must:

- Have completed at least one year of study as a fulltime student at the University of Manitoba and have achieved a minimum grade point average of 3.0.
- Have applied for a summer research placement at ELA and been accepted.
- Enroll as a full time student in the academic session following the summer in which the research placement has been completed.

Applicants will be judged primarily on their academic standing. In the case of two equally qualified students, consideration will also be given to financial need (based on a University of Manitoba Bursary Application form). We are asking applicants to provide a Curriculum Vita, a transcript, a short letter outlining their experience in areas related to ELA research and the relevance of the student's field of study to research at ELA. If available, applicants should also provide a copy of their University of Manitoba Bursary application form. Interested students should apply once they are officially accepted to work at ELA. Application should be made through the ELA researcher who will supervise the undergraduate student. The **final application deadline is July 20, 2009**. The selection committee currently consists of Dr. Ray Hesslein and Dr. Mike Paterson.

Anyone wishing to contribute to either fellowship fund should contact:

*Department of Private Funding
University of Manitoba
Winnipeg, Manitoba
R3T 2N2
Phone: 204-474-9195
Fax: 204-275-5863*

Tax receipts for donations will be issued by the University of Manitoba.

EXPERIMENTAL LAKES AREA GRADUATE FELLOWSHIP

The intent of the ELA fellowship is to support research by graduate students at the Experimental Lakes Area (ELA) in Northwestern Ontario. In order for students to be considered for the award, they must demonstrate that a large part of their proposed research is to be centered at the ELA. This will require the submission of a one to three page summary of proposed research from the applicant. At a minimum, the proposal must provide the following information:

- a. names and addresses of the applicant and the applicant's academic supervisor;
- b. degree sought;
- c. the objectives, design, and brief summary of methods to be used in the research
- d. a summary of the relevance of the proposed research for society;
- e. a summary of why the proposed research should be undertaken at ELA (as opposed to somewhere else).
- f. requests for per diem support and justification (see below).
- g. a list of external financial support currently held or applied for by the applicant.

1. Students may apply for: a) stipend support, and b) per diem support. Per diem support must be justified as described below. The selection committee can offer to provide funds to meet some or all of an applicant's request.

2. Student stipends will be awarded annually. Students may hold an ELA fellowship in conjunction with other fellowships and teaching assistantships. The total support per month provided by all sources must not exceed that offered by NSERC Postgraduate Fellowships at the equivalent academic level. Students must list all fellowships and external support on their applications. ELA stipend support will be set at 80% of the level offered by an NSERC Postgraduate Fellowship. In their proposal, students must specify the length of stipend requirements.

3. Students can also request funds to cover per diem living costs while undertaking research at ELA. These costs are set annually by the Government of Canada. In 2002, per diem costs were \$46 Canadian per day. In their proposal, students are asked to provide an estimate of per diem requirements at ELA and to justify this estimate. Money to meet per diem requests will be deposited directly into an ELA Research Unit account to be drawn upon by the student. Funds that are not used will be returned to the ELA Graduate Fellowship Fund at the end of each year.

4. Only students that attend the University of Manitoba during the tenure of the fellowship can hold an ELA Fellowship. Applicants must have a minimum grade point average of 3.0 and provide a recent university transcript, a *Curriculum Vitae*, and two letters of reference in support of their applications.

5. Applications will be judged on academic excellence, the quality of proposed research, and by the relevance of the proposed research to the ELA program. Incomplete applications will not be considered.

6. Awards will be made annually and repeat applications are encouraged. Repeat applicants must provide a brief, written summary of research previously supported by the ELA Graduate Fellowship Fund and a letter of support by their academic supervisor.

7. Applications must be submitted by July 20, 2009

8. To submit applications or to obtain more information about the ELA Graduate fellowship, please contact:

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