

OARS Awards & Scholarships

Application Deadline – September 30, 2008

Introduction

Funded by Canadian Geomatics companies and administered annually by the Ontario Association of Remote Sensing (OARS), four awards totalling \$2,000 are available to both undergraduate and graduate student members of OARS. These monies have been provided to advance academic and professional goals within the fields of Remote Sensing, Photogrammetry, and the Spatial Information Sciences.

Awards are in cash and are made every year. To be considered, you must be enrolled in an accredited post-secondary institution in Ontario, and you must be a member of OARS. All awards ask that you identify your educational goals and provide samples of your work and that you also submit a report to OARS on your accomplishments at the end of the award/grant period. For details, please see award descriptions below and note that each award has specific requirements.

Summary of Awards and Scholarships Offered in 2008

| Award Name & Sponsor | Eligibility | Type | Amount | Expectations |
|---|---|---------------------|--------------------|--|
| OARS Graduate Research Award <i>PCI Geomatics Inc.</i> | Graduate students | Annual award | \$500 | Report of scholastic accomplishments to OARS |
| OARS Graduate Travel Award <i>Spatial Geo-Link Limited</i> | Graduate students | Annual travel grant | \$500 | Report of scholastic accomplishments to OARS |
| OARS Undergraduate Research Award <i>Spatial Geo-Link Limited</i> | 4 th year undergraduate thesis students | Annual award | \$500 | Report of scholastic accomplishments to OARS |
| OARS Undergraduate Student Award <i>PCI Geomatics Inc.</i> | 3 rd and 4 th year undergraduate students | Annual award | \$500 | Report of scholastic accomplishments to OARS |
| OARS President's Award <i>OARS</i> | Councillors or committee members | | Non-monetary award | |

OARS Graduate Research Award

Eligibility

- Students who are currently pursuing graduate-level studies in a recognized college or university in Ontario.

Purpose

- To facilitate graduate-level studies and career goals adjudged to address innovative uses of the technologies including remote sensing, digital image processing, photogrammetry and GIS to real-world techniques within the Canadian Geomatics industry.

Award

- An award in the amount of \$500 provided by PCI Geomatics Inc. and a certificate.

Application

In addition to the application form, applicants must submit the following:

- A two-page statement detailing applicant's educational and career plans for continuing studies in the fields of remote sensing, photogrammetry and GIS.
- Completed reference forms from two faculty members who have knowledge of the applicant's capabilities.
- Technical papers, research reports, or other pertinent items produced by the applicant and indicating capabilities in this field may be submitted with the application, but are not required.

Selection

- The OARS Awards Committee will evaluate each application and apply equal weight to each of the items listed above. The applicant who, in the opinion of the majority of the committee, has the highest overall ranking will be designated as the recipient.

Obligation of the Recipient

- The recipient is to provide OARS a report of his/her scholastic accomplishments during the period for which the award is granted.
- This report must be submitted within one year of receiving the award.

OARS Graduate Travel Award

Eligibility:

- Full-time graduate students in a recognized Ontario university with image processing facilities appropriate for conducting the proposed work.

Purpose:

- To facilitate research-related travel by outstanding graduate students in remote sensing.
- Such travel includes field investigations, agency visits, participation in conferences, or any travel that enhances or facilitates a graduate research program.

Award:

- A grant of \$500 provided by Spatial Geo-Link Limited and a certificate.

Application

In addition to the application form, applicants must submit the following:

- A two-page statement detailing the plan for research-related travel and how it fits into the applicant's research and educational objectives.
- Completed reference forms from two faculty members who have knowledge of the applicant's capabilities.
- A transcript of all college-level courses completed and grades received, class rank, and, if available, scores on the Graduate Record Examination, to demonstrate scholastic ability.
- A description of the applicant's extracurricular activities, particularly as they relate to community service.

Selection

The OARS Awards Committee will evaluate each application, applying the weights as indicated below:

- 40% on the basis of scholastic record
- 30% on the basis of the research travel plan
- 20% on the basis of letters of recommendation
- 10% on the basis of community service activities.

The applicant who, in the opinion of the majority of the committee, has the highest overall ranking will be designated as the recipient.

Obligation of the Recipient

- The recipient is to provide OARS a report of his/her accomplishments related to travel(s) during the period for which the award is granted.
- This report must be submitted within one year of receiving the award.

OARS Undergraduate Research Award

Eligibility

- Students who are currently working on a thesis in remote sensing towards a bachelor degree in a recognized college or university in Ontario.

Purpose

- To facilitate 4th-year undergraduate-level studies and career goals adjudged to address innovative uses of the technologies including remote sensing, digital image processing, photogrammetry and geospatial information systems to real-world techniques within the Canadian Geomatics industry.

Award

- An award in the amount of \$500 provided by Spatial Geo-Link Limited and a certificate.

Application

In addition to the application form, applicants must submit the following:

- A two-page statement detailing applicant's educational and career plans for continuing studies in the fields of remote sensing, photogrammetry and GIS.
- Completed reference forms from two faculty members who have knowledge of the applicant's capabilities.
- Technical papers, research reports, or other pertinent items produced by the applicant and indicating capabilities in this field may be submitted with the application, but are not required.

Selection

- The OARS Awards Committee will evaluate each application and apply equal weight to each of the items listed above. The applicant who, in the opinion of the majority of the committee, has the highest overall ranking will be designated as the recipient.

Obligation of the Recipient

- The recipient is to provide OARS a report of his/her scholastic accomplishments during the period for which the award is granted.
- This report must be submitted within one year of receiving the award.

OARS Undergraduate Student Award

Eligibility:

- Full-time 3rd or 4th year undergraduate students at an accredited college or university in Ontario with image processing facilities appropriate for conducting the proposed work in remote sensing.

Purpose:

- To support remote sensing education and stimulate the development of applications of remote sensing image analysis software package for applied research by undergraduate students.

Award:

- An award in the amount of \$500 provided by PCI Geomatics Inc. and a certificate.

Application

In addition to the application form, applicants must submit the following:

- A two-page statement detailing the plan for research-related investigations and travel and how these fit into the applicant's research and educational objectives.
- Completed reference forms from two faculty members who have knowledge of the applicant's capabilities.
- A transcript of all college-level courses completed and grades received, and class rank if available, to demonstrate scholastic ability.
- A description of the applicant's extracurricular activities, particularly as they relate to community service.

Selection

- The OARS Awards Committee will evaluate each application and apply equal weight to each of the items listed above. The applicant who, in the opinion of the majority of the committee, has the highest overall ranking will be designated as the recipient.

Obligation of the Recipient

- The recipient is to provide OARS a report of his/her scholastic accomplishments during the period for which the award is granted.
- This report must be submitted within one year of receiving the award.

OARS President's Award

Purpose

The "OARS President's Award" is a certificate of recognition presented to a councillor or committee member of OARS. The award is to recognize special, personal and meritorious contributions to the Association and in advancing its interests.

Nomination

Only one person shall be nominated. The nominee shall be either an OARS councillor or a committee member. OARS officers are not eligible for nomination. The nomination shall consist of a brief written citation submitted to the President one month before the OARS annual general meeting.

Confirmation

The President, in consultation with the OARS officers, will confirm the nomination.

Award

A certificate.

Presentation

The award shall be presented by the President at the OARS annual general meeting.

OARS Award Application Form

Check the award for which you are applying. This application is made for the **2008** award year.

- | | |
|---|--|
| <input type="checkbox"/> OARS Graduate Research Award | <input type="checkbox"/> OARS Undergraduate Research Award |
| <input type="checkbox"/> OARS Graduate Travel Award | <input type="checkbox"/> OARS Undergraduate Student Award |

First Name: _____ Last Name: _____ Student ID: _____

Present Address: _____

 _____ Postal Code _____

Telephone number: Day (____) _____ Evening (____) _____
 Fax number: (____) _____ E-mail: _____

Toward what degree will you be working and when do you expect to receive it?

Proposed field or specialization of undergraduate and graduate study:

Colleges and universities attended, including one in which you are currently enrolled.
 Arrange in sequence, listing your current institution first. (Submit transcripts for each college or university attended.)

| University/ College City in which located | Inclusive Dates of Attendance | Degree | Date Awarded or Expected | Major Field of Specialization |
|--|----------------------------------|--------|-----------------------------|----------------------------------|
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Have you ever received academic honors or awards for scholastic achievement (include high school, undergraduate, graduate studies)? Yes (List below) No

Is this scholarship or award the only means by which you can pursue your education? Yes . No
(If yes, please provide an explanation below. Use a separate sheet if required.)

List all research papers, projects or studies previously pursued. Give the titles and references for all published works. List titles and references for unpublished works. (Use extra sheets if required.)

List scholarships, fellowships, teaching and other relevant positions held since entering college or university. (Use extra sheets if required.)

Current faculty supervisor: name, title, phone number & e-mail address: _____

I certify that the information given in this application is true and accurate.

Signature of Applicant

Date

Applicant must provide any statement(s) required by the guidelines of the award on a separate sheet. Examples of possible required statements are: objectives of the applicant's educational program, future plans of study or research, and statements of why the award is merited.

Your completed application and reference forms, and transcripts of scholastic records, must be in **PDF** format.

E-mail them to
Dr. Roger Buxton at: rbuxton@inforamp.net
quoting "OARS 2008 Awards" on the Subject line.
Closing date: September 30, 2008

OARS Award Reference Form

This reference form will help us make a more objective evaluation of qualified candidates for OARS awards. Please e-mail the completed form, in **PDF** format, by **September 30, 2008** to **Dr. Roger Buxton** at: **rbuxton@inforamp.net**.

Name: _____

Institution: _____

Phone: (____) _____ E-mail: _____

Applicant's name: _____

Award applied for: _____

How long have you known the applicant and in what capacity? _____

Has the applicant taken any course(s) you have taught? Please list: _____

Please rank the applicant's capabilities using the following scale:

1 = outstanding; 2 = excellent; 3 = above average; 4 = average; 5 = below average; N/A = not applicable

| | | | | | | |
|-----------------------|---|---|---|---|---|-----|
| Classroom performance | 1 | 2 | 3 | 4 | 5 | N/A |
| Research capability | 1 | 2 | 3 | 4 | 5 | N/A |
| Teaching performance | 1 | 2 | 3 | 4 | 5 | N/A |
| Motivation | 1 | 2 | 3 | 4 | 5 | N/A |
| Communication skills | 1 | 2 | 3 | 4 | 5 | N/A |

On the following scale, please rank the applicant according to his/her overall performance:

- 1 The most outstanding student I have known in the past three years
- 2 Among the top five students I have known in the past three years
- 3 An above average student
- 4 An average student
- 5 A below-average student

Please add any other comments on the applicant's academic and scientific capabilities. Continue on a separate page if necessary.

Signature

Date