



**Oregon NASA
Space Grant Consortium**

2013-14 Scholarship Program Guide

Application Deadline: May 17, 2013

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OSGC Scholarship Program Guide

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OSGC Scholarship Program Guide

Section I. Introduction to the Programs

The Oregon NASA Space Grant Consortium (OSGC) is pleased to provide students attending our member colleges and universities opportunities to apply for scholarship awards that support their academic goals and recognize their achievements. The following scholarship programs are available to students during the 2013-14 Academic Year*:

- **OSGC Community College Scholarships – Section II**
- **OSGC 4-year Institution Scholarships – Section III**
- **OSGC Undergraduate Research Scholarships – Section IV**

Scholarship descriptions and eligibility requirements vary by program. Please review all terms and conditions included in this informational packet before applying. Visit the following website for details regarding your institution's official OSGC representative. <http://spacegrant.oregonstate.edu/members-oregon-nasa-space-grant-consortium>

Member Institutions

The list of participating member institutions is as follows:

4-Year Colleges and Universities

- Eastern Oregon University (EOU)
- George Fox University (GFU)
- Oregon Institute of Technology (OIT)
- Oregon State University (OSU)
- Portland State University (PSU)
- Pacific University (PU)
- Southern Oregon University (SOU)
- University of Oregon (UO)
- University of Portland (UP)
- Western Oregon University (WOU)

Community Colleges

- Lane Community College (Lane)
- Linn-Benton Community College (LBCC)
- Portland Community College (PCC) – Cascade Campus
- Portland Community College (PCC) – Rock Creek Campus
- Portland Community College (PCC) – Sylvania Campus

Section II. OSGC Community College Scholarships

Scholarships of \$4,000 per student will be awarded through a competitive process to students enrolled at Oregon Space Grant affiliated Community Colleges in Oregon. These awards will be offered in two disbursements, the first award in the amount of \$2,000 in October of 2013, the second disbursement in the amount of \$2,000 in March of 2014 (upon proof of satisfactory academic progress and submission of brief 1-page essay/statement of participation).

This scholarship program supports the National Aeronautics and Space Administration (NASA) objectives of fostering and encouraging career goals in science, technology, engineering, math (STEM), and STEM education and is designed to encourage community college students to explore programs in these areas of study. Individuals from under-represented groups are strongly encouraged to apply. *Note:* Students receiving awards in past competitions **may apply** and receive awards for subsequent competitions.

Seven (7) awards will be offered during the 2013-14 academic year to community college students enrolled in science, technology, engineering, math (STEM) or STEM education coursework. OSGC Community College Scholarships are also open to students who are dual enrolled in a community college and 4-year institution and who are pursuing degrees in a STEM field or STEM teaching certification.

Dates | Deadlines – OSGC Community College Scholarships

For the 2013-14 academic year competition, dates and deadlines for all member colleges are as follows:

- Application Deadline: May 17, 2013
- Award Selections: July 2013
- First Award Disbursement (\$2,000): October 2013
- Second Award Disbursement (\$2,000): March 2014

Eligibility

Scholarships are open to students who will be **enrolled at a community college** as of the Winter term - 2013 (March) who meet the following eligibility criteria:

- Student is enrolled at an **affiliated Community College** (see list in Section I of this guide) during the period of the award
- Student is enrolled in science, technology, engineering, math, or STEM education coursework or is working towards teaching certification in a STEM discipline during the 2013-2014 school year
- Student maintains good academic standing
- Student is a U.S. Citizen

Required Application Materials – OSGC Community College Scholarships

Student Essay: Please answer the following questions in your essay. What are your interests in the science, technology, engineering, and/or math (STEM) fields and what areas would you like to explore in your academic career? How do these “STEM” interests relate to your future career goals? (Suggested length 250-300 words)

Letter of Recommendation: One letter of recommendation that specifically address your qualifications for this scholarship is required. As a part of your application you will be asked to provide contact information for the individual that will be providing your letter of recommendation. Upon submission of your application this individual will receive an email request for a letter of recommendation along with instructions on how it is to be submitted. The due date for the letter of recommendation is May 31, 2013.

Academic Transcript: Attach a PDF of your academic transcript to your online application. Unofficial transcripts printed from your student account of your college or university website are acceptable.

Completed Online Application: <https://spacegrant.net/apps/?pk=ors2>

Renewals

Renewal disbursements, scheduled for March of 2014, will be awarded upon submission of a brief student statement and unofficial transcript proving successful academic progress. A formal request for these materials will be sent via email prior to the renewal date; renewals will be submitted via an online system. Awardees should follow instructions, including deadlines and student statement guidelines, provided in the formal renewal request.

Section III. OSGC 4-year Institution Scholarships

Scholarships of \$5,000 per student will be awarded through a competitive process to individuals attending OSGC member colleges and universities. These awards will be offered in two disbursements, the first award in the amount of \$3,000 in October of 2013, the second disbursement in the amount of \$2,000 in March of 2014 (upon proof of satisfactory academic progress and submission of brief 1-page essay/statement of participation).

This scholarship program supports the National Aeronautics and Space Administration (NASA) objectives of fostering and encouraging career goals in science, engineering, and the aerospace industry. These scholarships are specifically intended to retain student enrollment in science, technology, engineering, math (STEM), STEM education, and Master of Arts in Teaching (MAT) programs. Individuals from under-represented groups are strongly encouraged to apply. *Note:* Students receiving awards in past competitions **may apply** and receive awards for subsequent competitions.

Ten (10) awards will be offered during the 2013-14 academic year to freshman, sophomore, and junior level students pursuing majors in science, technology, engineering, math (STEM), and STEM education or students enrolled in teaching certification programs and/or MAT programs. Students must be enrolled at 4-year Oregon Space Grant member institutions and must provide proof of both successful academic progress and continued work in a STEM discipline.

Dates | Deadlines – OSGC 4-year Institutions Scholarships

For the 2013-14 academic year competition, dates and deadlines for all member colleges and universities are as follows:

- Application Deadline: May 17, 2013
- Award Selections: July 2013
- First Award Disbursement (\$3,000): October 2013
- Second Award Disbursement (\$2,000): March 2014

Eligibility

Scholarships are open to students who are college **Freshmen, Sophomores, and Juniors** as of March 1, 2013 (*sophomores, juniors, and seniors as of the Fall term of 2013*) or **graduate students in MAT programs** who meet the following eligibility criteria:

- Student is enrolled at an affiliated **4-Year institution** (see list in Section I of this guide) during the period of the award
- Student is pursuing a baccalaureate degree in a science, technology, engineering, or math discipline, including STEM education or is enrolled in an MAT program
- Student maintains good academic standing
- Student is a U.S. Citizen

Required Application Materials – OSGC 4-year Institution Scholarships

Letter of Intent: Indicate your career goals as they relate to NASA. How will this scholarship contribute to your goals? Describe how your career choice will benefit the science, engineering, and/or aerospace community at large. Include other information that you believe qualifies you for scholarship consideration. (Suggested length 250-300 words)

Student Resume: Include relevant employment, education, and extra-curricular activities. Resume should also provide current contact information including email, phone, and mailing address.

Letter of Recommendation: One letter of recommendation that specifically address your qualifications for this scholarship is required. As a part of your application you will be asked to provide contact information for the individual that will be providing your letter of recommendation. Upon submission of your application this individual will receive an email request for a letter of recommendation along with instructions on how it is to be submitted. The due date for the letter of recommendation is May 31, 2013.

Academic Transcript: Attach a PDF of your academic transcript to your online application. Unofficial transcripts printed from your student account of your college or university website is acceptable.

Completed Online Application: <https://spacegrant.net/apps/?pk=ors1>

Renewals

Renewal disbursements, scheduled for March of 2014, will be awarded upon submission of a brief student statement and unofficial transcript proving successful academic progress. A formal request for these materials will be sent via email prior to the renewal date; renewals will be submitted via an online system. Awardees should follow instructions, including deadlines and student statement guidelines, provided in the formal renewal request.

Section IV. OSGC Undergraduate Research Scholarships

Research scholarships of \$8,000 per student will be awarded through a competitive process to individuals attending OSGC member colleges and universities. These awards will be offered in two disbursements, the first award in the amount of \$4,000 in October of 2013, the second disbursement in the amount of \$4,000 in March 2014 (upon proof of satisfactory academic and research progress).

This scholarship program supports the National Aeronautics and Space Administration (NASA) objectives of fostering and encouraging career goals in science, engineering, and the aerospace industry. Individuals from under-represented groups are encouraged to apply. These awards are intended to build collaboration opportunities between undergraduate students and faculty mentors working within a STEM discipline. Submitted research proposals should be the work of the student applicant. *Note:* Students receiving awards in past competitions **may apply** and receive awards for subsequent competitions.

Four (4) research awards will be offered during the 2013-14 academic year to junior and senior level students who are nearing completion of a 4-year degree in a science, technology, engineering, or math, (STEM) or science/math education discipline. Undergraduate Research Scholarship funding is designated for the completion of the proposed research project during the student's junior or senior year. Students must be enrolled at a 4-Year institution affiliated with OSGC (see list in Section I of this guide) and must provide proof of successful academic progress, satisfactory work on a proposed research project, and continued study in a STEM discipline. Students must work with a faculty mentor who supports and guides the student research. Faculty mentors must provide a letter of support and faculty CV as part of the student's application.

Dates | Deadlines – OSGC Undergraduate Research Scholarships

For the 2013-14 academic year competition, dates and deadlines for all member colleges and universities are as follows:

- Application Deadline: May 17, 2013
- Award Selections: July 2013
- First Award Disbursement (\$4,000): October 2013
- Second Award Disbursement (\$4,000): March 2014

Eligibility

Scholarships are open to students who are **Sophomores and Juniors as of March 1, 2013** (*juniors and seniors as of the Fall term of 2013*) who meet the following eligibility criteria:

- Student is enrolled at an affiliated 4-Year institution (see list in Section I of this guide) during the period of the award
- Student is pursuing an undergraduate degree in a science, technology, engineering, or math (STEM) discipline, including math or science education
- Student submits a research proposal (**follow Proposal Guidelines at the end of this section**)
- Student submits contact information for an OSGC approved Faculty Mentor who will provide a letter of support and faculty CV
- Student maintains good academic standing
- Student is a U.S. Citizen

Students who wish to apply for a research award must closely **follow the Proposal Guidelines at the end of this section**. Along with the online application, application packets will include a written research proposal, student resume, faculty mentor contact information, and student transcripts. Research projects are collaborative efforts with faculty mentors but **proposals should ultimately be the work of the student applicant**.

Recipients of the Undergraduate Research Scholarships are required to participate in the annual Student Symposium hosted by the Oregon Space Grant Consortium as an opportunity to highlight research projects and encourage networking within the student scholar community. The symposium is typically hosted at the Oregon State University campus during the fall or winter term. Seniors who will complete their degree programs before the next Student Symposium will create a poster for the event to be presented in their absence during the following year.

Required Application Materials – OSGC Undergraduate Research Scholarships

Research Proposal: Cover page plus a proposal of no more than 4 pages – typed, single-spaced. **See Proposal Guidelines at the end of this section.**

Student Resume: Include relevant employment, education, and extra-curricular activities. Resume should also provide current contact information including email, phone, and mailing address.

Letter of Faculty Mentor Support and Faculty CV: As a part of your application your faculty mentor must provide a letter that specifies their ability to mentor and guide your research. As a part of your application you will be asked to provide contact information for your faculty mentor. Upon submission of your application this individual will receive an email requesting their letter of support and CV along with instructions on how they are to be submitted. The due date for the letter of recommendation is May 31, 2013.

Academic Transcript: Attach a PDF of your academic transcript to your online application. Unofficial transcripts printed from your student account of your college or university website are acceptable.

Completed Online Application: <https://spacegrant.net/apps/?pk=ors3>

Renewals

Renewal disbursements, scheduled for March 2014, will be awarded upon submission of a brief student statement of research progress and an unofficial transcript proving successful academic progress. A formal request for these materials will be sent via email before the renewal date; renewals will be submitted via an online system. Awardees should follow instructions, including deadlines and student statement guidelines, provided in the formal renewal request.

Proposal Guidelines

Application packets for the OSGC Undergraduate Research Scholarships must include the following materials:

- Research Proposal
- Student Resume
- Faculty Mentor Contact Information
- Academic Transcript
- Completed Online Application

- **RESEARCH PROPOSAL**

1. **COVER SHEET**

Please provide name, contact information (including email address), project title, and a project abstract of 200 words.

2. **PROJECT DESCRIPTION**

Project description is not to exceed 4 typed, single-spaced pages. The description should be organized around the following points:

- a. **Purpose:** Explain the objectives of the project, giving the basic ideas, problems or questions to be examined, and indicate in a general way how these will be explored and developed.
- b. **Significance:**
 1. Describe the contribution this project can be expected to make to your field of study. If appropriate, mention both specific and technical contributions as well as the more general significance of dealing with these particular ideas and problems.
 2. Indicate the contribution this project will make to the development of your abilities as a scholar/student.
 3. Comment on the significance of this project in the specific context of the Oregon Space Grant and/or NASA.
 4. Indicate the significance of this research in relation to the faculty mentor's area of study.
- c. **Plan of Work:** Give a clear and detailed plan of work on this project, including the expected timetable of what is to be done, when, and where. An adequate description should be given to any special methods, procedures, and experiments to be employed. A project budget may be included but is not required.
- d. **Expected Results:** Indicate as specifically as possible what results can reasonably be anticipated from this project. Examples include the following: Will certain hypotheses be validated or rejected? Will new material be brought to light? Will new methods be tested? Will the project result in public presentations, journal articles, or a book? It is expected that both during the project and at its completion the applicant will review and evaluate the progress and success of the project on the basis of the Project Description.

- **STUDENT RESUME**

Please include full contact information on your resume. Resume should also include any courses, hobbies, and experience related to the research you propose.

- **FACULTY MENTOR INFORMATION**

As a part of your application your faculty mentor must provide a letter that specifies their ability to mentor and guide your research. As a part of your application you will be asked to provide contact information for your faculty mentor. Upon submission of your application this individual will receive an email request their letter of support and CV along with instructions on how they are to be submitted. The due date for the letter of recommendation is May 31, 2013.

- A. **Letter of Faculty Mentor Support:** Letters should specify the faculty member's ability to mentor and guide the research.
- B. **Brief Faculty Mentor CV:** Curriculum Vitae should include name, title, institution, and full contact details.

- **ACADEMIC TRANSCRIPT**

Transcripts may be unofficial (printed from the web) and should include record of the courses in which you are currently enrolled.

- **COMPLETED ONLINE APPLICATION**

<https://spacegrant.net/apps/?pk=ors3>

Section V. Application Procedures for All Programs

1) Complete all sections of the Online Application:

OSGC Community College Scholarships: <https://spacegrant.net/apps/?pk=ors2>

OSGC 4-year Institution Scholarships: <https://spacegrant.net/apps/?pk=ors1>

OSGC Undergraduate Research Scholarships: <https://spacegrant.net/apps/?pk=ors3>

2) Attach the required supporting documentation to the application (varies by program – see individual program descriptions in this guide)

Review | Selection Process

Applications are evaluated for eligibility when received. Qualified applications will be reviewed by a diverse selection committee who will make recommendations for funding based on the quality of the applications as reflected in the review criteria. Preference may be given to women and individuals from under-represented groups in the STEM fields.

Review Criteria

Applications are ranked based on the following criteria:

- Academic achievement
- Science, Technology, Engineering, Math, Education, and Aerospace related career goals
- Strength of recommendations
- Strength of research proposal (if applicable)

Other Requirements

Award recipients agree to:

- Notify OSGC of any changes in mailing address, e-mail address, or telephone number for purposes of progress reports.
- Grant permission to release and/or publish requested recipient information to NASA or other appropriate parties.
- Include the following text in all publications resulting from funded work “...supported in part through funding from NASA / Oregon Space Grant Consortium, grant NNX10AK68H.”
- Undergraduate Research Scholarship recipients agree to participate in the annual Student Symposium, a student focused event highlighting projects and internships completed by Oregon students. All other award recipients are invited to attend and are strongly encouraged to participate.

For More Information

Contact us via email at spacegrant@oregonstate.edu or by phone at 541.737.2414

Visit the Oregon Space Grant Consortium online at:

Main Website: <http://spacegrant.oregonstate.edu>

Blog: <http://oregonspacegrant.wordpress.com>

Twitter ID: OSGC <http://twitter.com/OSGC>

...or find us on Facebook
