Summer Experience in Science and Engineering for Youth

July 17-22, 2016

Arrival: 4pm on July 17
Departure: 7pm on July 22

Application Checklist:

- Application form signed by your parent or guardian
- Handwritten essay 1–2 pages long
- Grade transcript from last year and the first semester of this year

Mail all of the above items in one envelope to:
Summer Experience in Science and Engineering for Youth
School of Chemical, Biological and Environmental Engineering
Oregon State University
102 Gleeson Hall
Corvallis, OR 97331-2702

Application and Information

For an application or answers to your questions, send an e-mail to skip.rochefort@oregonstate.edu or telephone 541-737-2408.

Applications should be postmarked by May 23 2016
Notification of acceptance will be made by June 1.

Summer Experience in Science and Engineering for Youth

Department of Chemical Engineering
Oregon State University
102 Gleeson Hall
Corvallis, OR 97331-2702

SESEY Web page:

cbee.oregonstate.edu/sesey

Funded by the Camille and Henry Dreyfus Special Grants Program, OSU Precollege Programs Office, College of Engineering, National Science Foundation, Bridges Family Foundation and Hewlett Foundation.

Oregon State University is committed to affirmative action and equal opportunity and complies with Section 504 of the Rehabilitation Act of 1973.
Is SESEY for me?

**SESEY** is for high school girls and minorities that are traditionally underrepresented in engineering and science. Participants **must** have completed their 9th, 10th, or 11th grades in high school and have an interest in math and science.

The program is intended to introduce girls and minority students with an aptitude for math and science to engineering fields and to encourage them to consider careers in engineering. The program will culminate with a presentation of student projects in a poster session to faculty, participants, parents and friends.

Students attending SESEY will spend a week with a research group in the College of Engineering at Oregon State University. Each student will work with a faculty member and student mentors on a week-long project in engineering fields such as:
- Chemical Eng, Materials Science and Energy Systems
- Bioprocess and Biomedical Engineering
- Mechanical, Industrial, and Manufacturing Engineering
- Civil and Construction Engineering
- Electrical Engineering and Computer Science

The program also includes a trip to the OSU Hatfield Marine Science Center, computer instruction and evening recreational programs. Those attending will live in university housing during the week of the program.

Up to sixty students will be selected from applicants who meet these criteria:

- A girl or a member of a minority group that is traditionally underrepresented in engineering
- A high school freshman, sophomore or junior
- Able to participate for the entire week of the program

In addition, several high school teachers will be selected to participate in a concurrent program involving the development of high-school level modules related to science and engineering. Participating teachers are expected to incorporate this material into their courses the following academic year. Each selected teacher will be allowed to nominate one student from her or his school to participate in the student portion of the SESEY program.

**Note:** Interested high school science teachers should contact the program directors individually.

How much does it cost?

The program fee of **$250 (payable upon arrival)** per student includes room and board. Assistance, including full and partial scholarships, is available upon request. Assistance is awarded based on need.

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Parents and/or guardians are responsible for the student’s travel to and from Corvallis. Out-of-state travel stipends may be available.

How do I apply?

Your completed application should be postmarked by **May 23, 2016** to be considered. A completed application includes:

**SESEY Application:** include contact information (email preferred) and parent/guardian signature.

**Handwritten Essay:** Very Important! Information about yourself (activities and interests), your family, and **WHY you want to attend SESEY.**

**High School Transcript:** (unofficial copy OK)

**Successful applicants will be notified by June 1.**