Shoreline Community College Presents

Biotech Summer Camps for High School Students



Biotechnology & the Environment: "Exploring the Health of the Salish Sea"

July 25-29, 2016

Biotechnology enables researchers to monitor the health of the Salish Sea, as well as the marine animals and plants that call the sea home. This camp provides hands-on lab and computer activities that will demonstrate the value of those skills in protecting the health of our Northwest ecosystems.



Camp activities:

- ▶ DNA sequencing to identify food sources for Orca whales
- Protein assays to analyze stress hormones in Orca whales
- ► Flow cytometry to study immune systems in fish
- Exploration of how ocean acidification is affecting sea life
- ► Tour of environmental research labs at the University of Washington
- ▶ Panel of scientists discussing jobs and career paths

When and where is camp?

- 9 am until 4 pm Monday through Friday
- Shoreline Community College
- Only 24 spots available per camp!

What does it cost?

- \$450 per student per camp
- A limited number of financial need-based scholarships are available.

How does one apply?

 Online applications on the Shoreline Community College website:

http://www.shoreline.edu/project-biotech

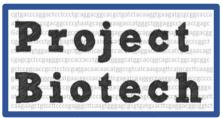
• For students with biology or biotech lab experience.



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The camp program has been designed and will be taught by experienced educators from Shoreline Community College's Biotechnology Program and scientists/educators from the Seattle biotechnology and research community.

Providing high school students with hands-on science activities, face time with scientists, exposure to potential careers, and a glimpse of community college life can have a lasting, positive impact.

For more information: Dr. Dina Kovarik at dkovarik@shoreline.edu or http://www.shoreline.edu/project-biotech