Shoreline Community College
Presents
Biotech Summer Camps
for High School Students

June & July 2016

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 available on the Shoreline Community College website in February.
http://www.shoreline.edu/project-biotech

June 27 - July 1, 2016
I. Biotechnology Essentials & Beyond
Recommended for up-coming 9th & 10th graders to provide basic biotechnology training

► Micropipetting
► DNA purification & DNA sequencing
► Polymerase Chain Reaction (PCR)
► Discussions with scientists
► Use computers to analyze data for genetic testing

July 11 – 15, 2016
II. Biotechnology & Human Health
For students with biology or biotech lab experience, including 2015 camps & "Biotechnology Essentials" alumni

► Advanced lab techniques to diagnose & treat disease: outbreak investigations, SDS-PAGE, Western blots & ELISAs
► Biotech company and research institution tours in Seattle
► Career panels and discussions with scientists
► Biotechnology & human health career exploration

July 25 - 29, 2016
III. Biotechnology & the Environment
For students with biology or biotech lab experience, including Project Biotech camp alumni

► Advanced lab techniques to research & develop algal biofuels
► DNA sequence analysis to study invasive species & diversity
► Exploration of how ocean acidification is killing life in oceans
► Biotech company and research institution tours in Seattle [tentative]
► Career panels and discussions with scientists

Thank you to our 2016 sponsors!
   Dendreon   CMC Biologics
   Emergent Biosolutions    Illumina
   Pacific NW Diabetes Research Institute
   Edmonds School District   Northshore School District

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 camp information contact: Dr. Dina Kovarik at dkovarik@shoreline.edu
http://www.shoreline.edu/project-biotech

For sponsorship information, contact Dr. Reitha Weeks, Camp Program Coordinator, at rweeks@shoreline.edu