

# Onboard Oceanography:

## The science beneath the surface of Kachemak Bay



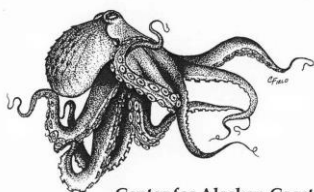
Photo credit: Kim McNett

This field trip provides an educational opportunity for students to conduct boat-based field research while learning scientific principles and developing problem-solving skills. This unique five-hour excursion in Kachemak Bay is designed to increase awareness and understanding of coastal and marine ecosystems through interactive, hands-on data collection.

### Stations Include:

- **Water Sampling** to examine salinity, temperature and depth
- **Plankton Tows** followed by slide preparation and microscope observation
- **Mariculture** experience with a visit to the Jakalof Bay Oyster Company farm
- **Remote Operated Vehicle (ROV)** for exploring shallow subtidal habitats
- **Ocean Acidification** as a threat to Kachemak Bay's biodiversity

Prior to the trip, the Center for Alaskan Coastal Studies will perform classroom visits to provide a conceptual background for enhanced engagement and understanding of topics introduced during the program. Recommended for grades (4<sup>th</sup>-11<sup>th</sup>). \$100



Center for Alaskan Coastal Studies

For more information or to register  
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