R/V Thompson Field Trip: Monday, September 30

**Depart.** Monday, September 20. Vans will leave from the west side of Ocean Teaching Building (across the road from Ocean Sciences Building where we have lectures) promptly at 7 AM. Be there no later than 6:50 AM. We will board the ship downtown at Pier 90/91 and sail after a safety briefing.

**Return.** We will return to downtown at 4 PM and to the campus at ~5 PM.

**Description.** This is only the fourth time that OCEAN 410 has had a field trip aboard the R/V Thompson and we will be holding it jointly with OCEAN 430 Biological Oceanography. We will spend the day working in Elliot Bay and just to the south. You will learn about the ships multibeam bathymetry system and sub-bottom profiler and observe them action, collect Kasten and box sediment cores which we will examine onboard the ship, and collect data and water samples with the ships CTD. We will learn about sediment transport and turbidites in canyons in Elliot bay, the effects of submarine landslides, and the structure of the Seattle. You will also get to participate in the biological oceanographic activities.

**Things to Bring**

Drivers license or passport (you will need this to enter the terminal)
Closed-toed shoes (you cannot board the ship without them)
Warm clothing
Waterproof clothing
Pencil, pen, calculator & ruler

*Food is provided on the ship

This cruise counts the equivalent of two labs.