

MAKE-UP LAB HOURS (JHN 30) and WEEKEND FIELD TRIPS (Spring 2010)

Tues: 9:30 am - 1:30 pm (Sarah, Zoe, Lars, Nick)

Wed: 11:30 - 3:30 pm (Beth, Karl, Nathan, Zach)

Saturday (Apr. 10th) Beth **Whidbey Island** (Priority Sign-Up Last Names "L-M")

Learn about the glacial history of Puget Sound as you view the massive cliffs along the shorelines of Whidbey Island. Study peat deposits that date to over 100,000 years ago. Trip will leave from the round-a-bout northwest of Johnson Hall at 8:00 am and return at 6:00 pm.

Saturday (Apr. 17th) Nick **Seattle Bldg Stones** (Priority Sign-Up Last Names "I-K")

Visit down town Seattle to observe the diverse building stone that has been used for construction of Seattle famous landmark building and structures. Students will provide their own transportation (carpool or public transit) to this field trip. Students will meet from 9:00 am – 12:00 pm or 1:00 pm – 4:00 pm front of Westlake Center (corner of 4th Ave. and Pine Street).

Saturday (Apr. 24th) Nathan **MSH (Ape Cave)** (Priority Sign-Up Last Names "T-Z")

View stratigraphy that shows the past history of explosive eruptions. Walk across a massive mudflow that cascaded down off the summit during the massive 1980 eruption. Buried beneath the lava flows of Mt. St. Helens are networks of caves. Be prepared for the cold, moist cave climate (gloves, hat, jacket) and the rough, rocky floor (sturdy shoes or boots). You also need to bring a working flashlight with new batteries. Trip will leave from the round-a-bout north of Johnson Hall at 7:00 am and return at 7:00 pm.

Sunday (May 2nd) Karl **Seattle Landslides/Fault** (Priority Sign-Up Last Names "G-H")

Visit bluff properties fronting Puget Sound that are susceptible to major landslides. Travel to Bainbridge Island to view turbidite sequences documenting submarine landslides in the rock record. See evidence of major uplift that occurred during offset of the Seattle Fault. Bring lunch and plenty of water. Trip will leave from the round-about north of Johnson Hall at 8:00 am and return at 6:00 pm.

Saturday (May 8th) Zach **Mt. Rainier** (Priority Sign-Up Last Names "C-F")

Travel towards Mt. Rainier, viewing the effects of Ice-Age glaciers on the landscape. Hike up a deep valley eroded by one of the glaciers that mantles Mt. Rainier. Walk across massive mudflow deposits left behind by major lahar events that filled Mt. Rainier's stream valleys. Trip will leave from the round-about north of Johnson Hall at 8:00 am and return at 6:00 pm.

Saturday (May 15th) Lars **San Juan Islands** (Priority Sign-Up Last Names "A-B")

Ferry over to one of the San Juan Islands to view the site of an ancient plate collision. Most of the rocks started out in deep oceanic environments, but have now been folded and thrust faulted upward to form the islands. We will also see evidence for the Ice Age, when the large Cordilleran covered the San Juan Islands, smoothing over the rock and leaving behind huge sediment deposits. Trip will leave from the round-a-bout northwest of Johnson Hall at 6:15 am and return at 7:00 pm.

Sunday (May 16th) Terry **Fidalgo Island** (Priority Sign-Up Last Names "Q-S")

Fidalgo Island offers almost every type of rock imaginable, including deep-sea sedimentary rocks, and rare mantle rocks thought to be found only at plate boundaries. Discuss the ideas of accreted terranes and collision tectonics. Trip will leave from the round-a-bout north of Johnson Hall at 8:30 am and return at 6:00 pm.

M, T, W & F – Fri (May 17th – 19th & 21st) **Discovery Park** (No Priority Sign-Up)

Terry (Mon & Wed); Zoe (Tues & Fri)

Travel to Discovery Park to observe the Puget Lowland glacial stratigraphy exposed in the bluff section. We will observe the power of mass wasting and how glacial stratigraphy plays a major role in the landslide history of this region. The trip will leave from the round-about north of Johnson Hall at 2:30 pm and return ~5:20 pm.

Saturday (May 22nd) Sarah **Mt. St. Helens (Blast Zone)** (Priority Sign-Up Last Names "N-P")

View stratigraphy that shows the past and recent history of explosive eruptions. View a massive mudflow that cascaded down off the summit during the massive 1980 eruption. Learn about volcanic processes from our own "back yard" natural laboratory. Trip will involve some hiking so wear sturdy foot wear. Bring a lunch and warm clothing. Trip will leave from the round-about north of Johnson Hall at 7:00 am and return at 7:00 pm.

Wednesday (June 2nd) Terry **Imax Night at the Movies** (No Priority Sign-Up)