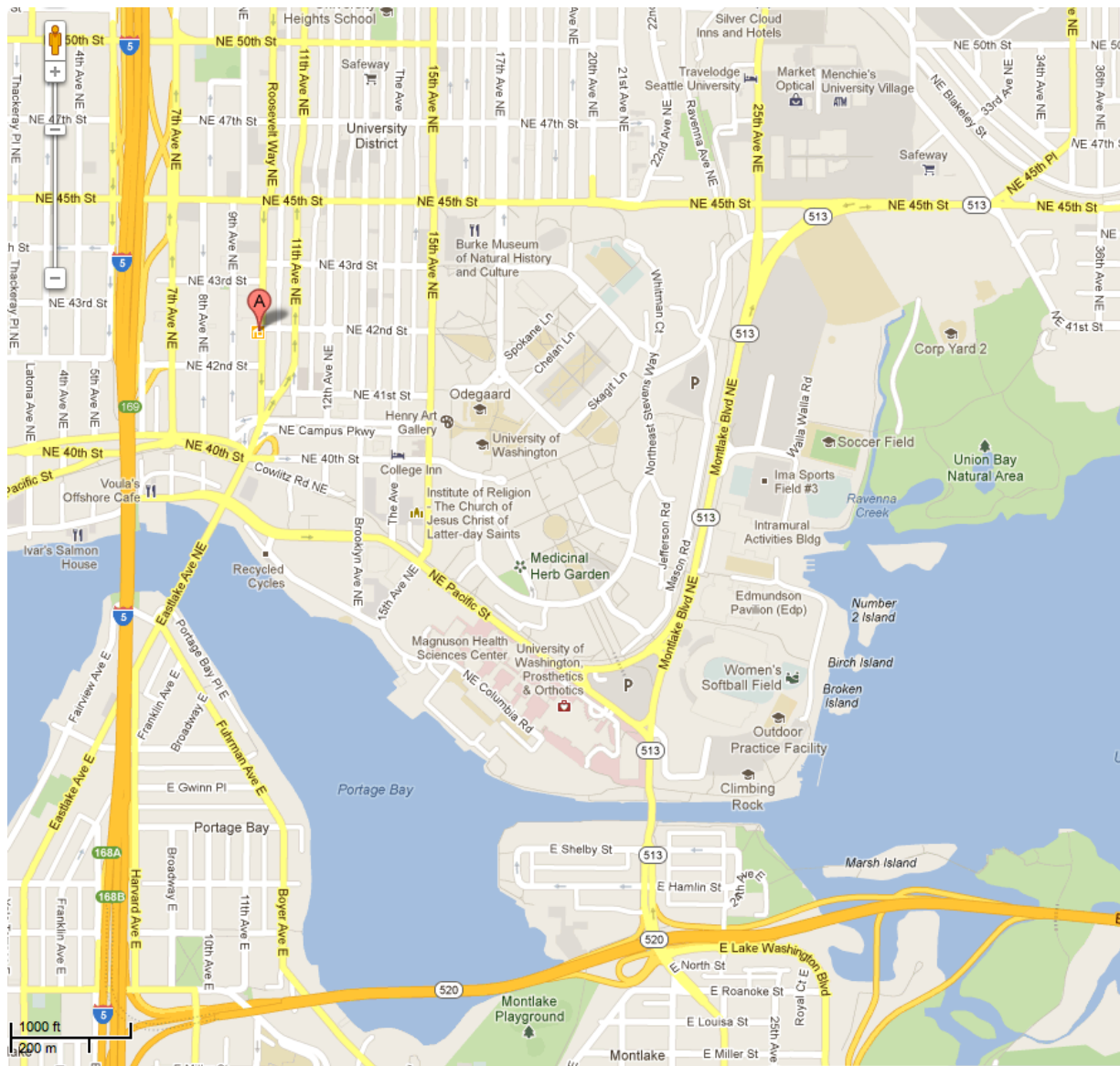




MODULE I Wednesday, September 12, 2012 4225 Roosevelt Way NE, Room 2228 Health Class Connection: Drugs Topics Covered: Basics of Environmental Health, Toxicology, Neurotoxicology			
Time	Title	Presenter	Type of Session
9:00 am	Warm-up activity	Jay Young, Nancy Sedlacek	Activity
9:15 am	Welcome, agenda overview, intro to environmental health, public health, and our Center	Jon Sharpe	Presentation
9:45 am	Introduction to toxicology: the science of poisons	Dave Eaton	Presentation
10:45 am	BREAK		
11:00 am	Hands-on toxicology activity	Jay Young, Nancy Sedlacek	Activity
11:30 am	Next steps planning discussion 1	Jon Sharpe, Kelly Edwards	Discussion
12:00 pm	LUNCH		
12:30 pm	Intro to neurotoxicology	Daniella Pizzurro	Presentation
1:15 pm	Hands-on neurotoxicology activity	Jay Young, Nancy Sedlacek	Activity
1:45 pm	CEEH zebrafish lab tour	Chase Williams	Activity
2:15 pm	Next steps planning discussion 2	Jon Sharpe	Discussion
2:45 pm	Reflection and Evaluation	Jon Sharpe	Discussion
3:00 pm	Adjourn		

Directions and Parking for 4225 Roosevelt Way NE, Seattle, 98105

1. From 520, take the Montlake Blvd exit and head north on Montlake Blvd
2. Turn LEFT on NE Pacific St (UW Medical Center will be on your left)
3. Turn RIGHT on Brooklyn Ave NE
4. Turn LEFT on NE 42nd St
5. 42nd dead ends at Roosevelt Way NE, turn left onto Roosevelt Way NE
6. Almost immediately, turn right into the parking garage at 4225 Roosevelt Way NE
7. Bring your parking ticket with you to be validated
8. From the garage, take the elevator to the first floor
9. Coming out of the elevators, look for the glass doors on your right with the Dept. of Environmental Health Sciences logo. Someone will be there to let you in!



<p style="text-align: center;">MODULE 2 Health Class Connection: Drugs Topics Covered: Respiration, Reproduction, and Bioethics</p>		
Duration	Title	Type of Session
15 min	Welcome and agenda overview	Presentation
15 min	Warm-up activity	Activity
45 min	Respiratory Toxicology and Recreational Drugs	Presentation
30 min	Hands-on activity related to lung function	Activity
15 min	Break	---
45 min	Reproductive Toxicology & Teratology: Birth Defects and Drugs	Presentation
30 min	Ethics Activity	Activity
15 min	Daily reflection and evaluation	Evaluation

<p style="text-align: center;">MODULE 3 Health Class Connection: Nutrition Topics Covered: Food and Water Safety, Nutrition and Disease, Environmental Justice</p>		
Duration	Title	Type of Session
15 min	Welcome and agenda overview	Presentation
15 min	Warm-up activity	Activity
45 min	Introduction to Food and Water Safety	Presentation
15 min	Break	---
45 min	Indigenous Communities & Traditional Foods (Access to Healthy Foods is an Environmental Justice Issue)	Presentation
30 min	Activity Related to Diabetes	Activity
30 min	<u>Stockbox Grocers</u> : A Local Solution to an Urban Food Desert	Presentation
15 min	Daily reflection and evaluation	Evaluation

MODULE 4 Health Class Connection: Family & Societal Issues Topics Covered: Children’s EH, Cancer, Nanotechnology, Personal Product Safety		
Duration	Title	Type of Session
15 min	Welcome and agenda overview	Presentation
15 min	Warm-up activity	Activity
45 min	Children’s Environmental Health: Basic Principles and Current Issues (e.g., endocrine disruptors, early onset puberty, autism, ADHD)	Presentation
30 min	The Promise and Perils of Nanotechnology	Presentation
15 min	Break	---
30 min	Gene-Environment Interactions & Cancer	Presentation
45 min	Personal Care Products, Labeling, & Consumer Choice: the Lotion Lab	Activity
15 min	Daily reflection and evaluation	Evaluation

MODULE 5 Environmental Health Curriculum & Clips Topics: EH Research Project Guidelines, The Five E’s Instructional Model, EH on Film		
Duration	Title	Type of Session
15 min	Welcome and agenda overview	Presentation
60 min	Guiding Your Students through an Environmental Health Research Project – Tips, Tricks, and Tools	Presentation
15 min	Introduction to the Five E’s Instructional Model	Presentation
15 min	Break	---
30 min	Unit Planning Time	Activity
60 min	Environmental Health Goes to the Movies (clips from EH related documentaries and films)	Presentation
15 min	Daily reflection and evaluation	Evaluation

Notes:

All five of the following modules are designed to be 3.5 hours in duration, including one 15-minute break and reflection/evaluation time at the end. Module 1 is the foundation for Modules 2, 3 and 4. Module 5 is meant to wrap up the series with some planning time and entertainment.

ATHENA 2012-13 Workshop for Bellevue School District Health Teachers – MODULE 1

Our thinking is that the seven health teachers from BSD would attend all 5 modules over the course of 2 or 2 ½ days. BSD Teachers from other disciplines who are interested in gaining some EH knowledge would be invited to participate in Module 1 and then any of the other four modules that they thought were relevant to their teaching.

Possible Additional Activities That Have Been Discussed:

- **Field Trip:** Visit to Stockbox Grocers in South Park or Kayak Tour of the Duwamish River
- **Unstructured Curriculum and Lesson Planning Time**
- **Tours of EH Labs and/or Job Shadowing with Research Scientists**

Billing information for substitute teacher reimbursement:

Our program will reimburse your school or district for substitute teachers. Please have invoices sent directly to me at:

Attn: Jon Sharpe
DEOHS – CEEH
University of WA, Box 354695
Seattle, WA 98195-4695