



# HYDROVILLE CURRICULUM PROJECT

ENVIRONMENTAL HEALTH SCIENCES CENTER  
MARINE & FRESHWATER BIOMEDICAL SCIENCES CENTER

## *Pesticide Spill Scenario - Summer Institute 2006*

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### Agenda

#### Day 1: Tuesday, August 8 - Memorial Union Rooms 212, 213

- 8:00 a.m. Registration and Continental Breakfast - Room 212
- 8:30 a.m. Introduction & Icebreaker Activity
- 8:45 a.m. Welcome to the Hydroville Curriculum Project  
Hydroville Project Overview & Curriculum Framework  
*Molly Bloomfield, Hydroville Curriculum Project Director*
- 9:45 a.m. Introduction to EHSC  
Dr. Joe Beckmen, Director of Environmental Health Sciences Center
- Why Toxicology for High School Students?  
*Dr. Nancy Kerkvliet, Professor of Environmental and Molecular Toxicology*
- 10:30 a.m. **BREAK**
- 10:45 a.m. Teamwork Skills - Team Challenge  
*Naomi Hirsch, Program Coordinator, Community Outreach and Education Program, Marine and Freshwater Biomedical Sciences Center*
- 11:30 a.m. **LUNCH - Market Place West**
- 12:30 p.m. I. Problem Exposition: Welcome to Hydroville - *Molly Bloomfield*
- 1:30 p.m. Hydroville Journal
- 1:45 p.m. BA 1: How Do You Perceive Risk? - *Molly Bloomfield*
- 2:30 p.m. **BREAK**
- 2:45 p.m. II. Data Collection and Career Information/Topographic Models  
*Sue Helback, Hydroville Curriculum Project Coordinator*
- 4:00 p.m. Debrief/Wrap-up
- 4:15 p.m. **ADJOURN**
- 6:00 p.m. Social/Dinner - New China Buffet  
1720 NW 9th St (between Garfield and Hobart), Corvallis  
752-3589



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#### Agenda - continued

#### Day 2: Wednesday, August 9 - Memorial Union Rooms 211, 212, 213

- 7:30 a.m. Continental Breakfast
- 8:00 a.m. Daily Update
- 8:15 a.m. BA 2: Toxicity Testing  
*Sandra Uesugi, Program Coordinator, Community Outreach and Education Program, Environmental Health Sciences Center*
- 9:15 a.m. Environmental Toxicologist - *Sandra Uesugi*
- 10:15 a.m. **BREAK** - Walk to Weniger Hall
- 10:30 a.m. Robert Tanguay's Lab Tour (Weniger, Room 222)  
*Dr. Robert Tanguay, Associate Professor of Environmental and Molecular Toxicology*
- 11:45 a.m. **LUNCH** - Market Place West
- 12:45 p.m. BA 3: Pump It Up! Part I - *Sue Helback*
- 1:15 p.m. BA 4: Pump It Up! Part II - *Sue Helback*
- 2:15 p.m. Pump it Up Contest - *Sue Helback*
- 2:45 p.m. **BREAK - GROUP PHOTO**
- 3:00 p.m. Mechanical Engineers - *Sue Helback*
- 4:00 p.m. Debrief/Wrap-up
- 4:15 p.m. **ADJOURN**

**Dinner on your own**

See the handout "Dinner Schedule" for recommended Corvallis restaurants.



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#### Agenda - continued

#### Day 3: Thursday, August 10 - Memorial Union Rooms 211, 212, 213

- 7:30 a.m. Continental Breakfast
- 8:00 a.m. Daily Update
- 8:15 a.m. BA 5: Constructing & Analyzing Graphs - *Sue Helback*
- 9:00 a.m. BA 6: Using Paper Chromatography - *Sue Helback*
- 10:00 a.m. **BREAK** - Walk to ALS (Ag/Life Science)
- 10:30 a.m. Tour of Jennifer Field's Analytical Lab (Room 1019 ALS)  
*Dr. Jennifer Field, Professor of Environmental and Molecular Toxicology*
- 11:45 a.m. **LUNCH** - Market Place West
- 12:45 p.m. BA 7: Soil Texture (Soils Lab 0018 ALS) - *Sandra Uesugi*  
BA 8: Soil Permeability - *Sandra Uesugi*
- 2:00 p.m. **BREAK**
- 2:15 p.m. Soil Scientists (Soils Lab 0018 ALS) - *Sandra Uesugi*
- 3:15 p.m. Analytical Chemists (Horticulture Classroom 0006 ALS) - *Sue Helback*
- 4:15 p.m. Debrief/Wrap-up
- 4:30 p.m. **ADJOURN**

**Dinner on your own**

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#### Agenda - continued

#### Day 4: Friday, August 11 - Memorial Union Rooms 211, 212, 213

- 7:30 a.m. Continental Breakfast
- 8:00 a.m. Daily Update
- 8:15 a.m. BA 9: Decision Analysis - *Naomi Hirsch*
- 9:00 a.m. BA 10: Siting Yoretown's Landfill - *Naomi Hirsch*
- 10:30 a.m. ***BREAK***
- 10:45 a.m. Toxic Popcorn Competition - *Naomi Hirsch*
- 11:30 a.m. ***BAG LUNCH***
- 12:30 p.m. IV. Data Synthesis and V. Solution Presentation - *Sue Helback*
- 1:30 p.m. Discussion with Pilot School Teacher - *Sue Helback*
- Janet Nelson, Young Parent Program, Springfield School District*
- 2:30 p.m. **ADJOURN** (Checkout for everyone except those interested in Action Research or enrolled in SED 599)
- 2:45 p.m. Research in Education (for SED 599 credit only)
- 3:45 p.m. Check-out