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Home Page for Winter Quarter 2008

Last Updated
December 21, 2007

This course explores the ways in which environmental health risks are controlled in the United States – looking at the ways that various government programs are established, organized and operated to prevent or control hazards in the community. It also examines the legal and regulatory framework that have been established to prevent or control environmental health risks.

Meeting Times and Locations:

8:30 - 9:20 a.m.
Monday thru Friday -- Room T-530, Health Sciences Center

Instructors:

<p>Charles D. (Chuck) Treser, MPH, DAAS Office: E-179A Health Sciences Center Office Hours: 9:30 - 11:30 a.m. and 2:30 - 3:30 p.m. Daily Email: ctreser@u.washington.edu Telephone: 206-616-2097</p>	<p>Carl S. Osaki, MSPH Office: E-179F Health Sciences Center (during office hours only) Office Hours: 9:30 - 10:20 p.m., MWF Email: csosaki@aol.com Telephone: 206-365-1633</p>
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Announcements:

12/18/07 :: Class Listserv: A course listserv is available to send messages to all students enrolled in the course. This list is maintained by the Registrar's Office and is updated every night. This list is used to send announcements to all of the students in the class, and is available to students who would like to send a message to all the rest of the class. Email messages should be addressed to: envh473a_wi08@u.washington.edu

Next DEOHS Seminar:

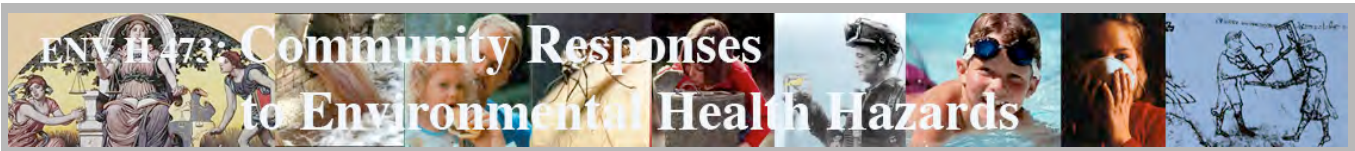
Thursday, January 10, 2007
12:30-1:20 pm, T-639 HSB
PBDEs in Resident Puget Sound Chinook Salmon and in Utero Risk from Dietary Exposures During Pregnancy
Evan Gallagher, PhD
Associate Professor, Environmental and Occupational Health Sciences,
Superfund Basic Research Project (SBRP)

[In the News . . .](#)

See what's happening around the world at the interface of the environment and human health. This site is updated frequently with articles from the Environmental News Network, Associated Press and other sources of news and events highlighting and exploring the link between environmental factors and conditions and human health. [Click here to go to the site.](#)

For news articles from previous months see the [archive](#).

Send mail to: ctreser@u.washington.edu
Last modified: 12/18/2007 8:10 am



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Course Syllabus

Winter Quarter 2008

Course Description:

This course explores the way that environmental health risks are controlled in the United States – looking at the way that various government programs are established, organized and operated to prevent or control hazards in the community. We will begin the course by reviewing the changes in public health practice and the implications to public health practitioners in today's world – whether in the public or private sector. Special attention will be paid to the impact of such organizational concerns as working with communities in developing and implementing policy, how environmental health problems and threats are assessed and communicated, the legal basis and actions for assuring appropriate protections, and the trends and rationale for organizing and planning environmental health programs and activities. The various tools and methodologies of contemporary environmental health practice will be explored and along with the role of supervision and management, the development of strategic program plans, the evaluation of program accomplishments, and how to communicate effectively with other staff, superiors, personnel of other agencies, regulated individuals, the news media and the public.

Since government regulation is pervasive in the practice of environmental health, the course discusses those aspects of law and the legal system in the United States which are necessary for comprehension of governmental regulation and enforcement in the field. The course introduces the major concepts and issues of U.S. administrative law and process that are important to understanding the nature and operation of environmental health services conducted within the context of the regulatory function of government. In the course we will examine the regulatory process and discuss the legal foundations, requirements and some instructive cases that affect program operations. Next we will examine the legal issues involved with the conduct of inspections and investigations in the practice of environmental health; the options available to the practitioner that will assure compliance with environmental health regulations; and, the procedures for taking effective legal actions necessary to gain compliance with program goals. The final lessons deal with

Course Purpose:

This course is designed to:

1. Provide the student with an understanding of the type and range of environmental health practice issues which confront employees of various government agencies (as well as businesses and the public which must interact with these agency personnel);
2. Introduce the student to some of the different approaches to organizational theory, dealing with issues of structure, management, program planning and evaluation, communication, community relations, and political, legal, and economic impacts to decision-making; and,
3. Provide students who are environmental health practitioners, or who are studying to become environmental health practitioners, with a background in, and an appreciation for, law and the legal process in the United States as they apply to the practice of environmental health.

The purpose of this course is not to provide legal advice for specific situations. The actual legal remedy for a given problem will depend upon the nature of both the law and the facts in the case. These can only be determined with the assistance of an attorney

Learning Objectives:

At the end of this course, the student should:

1. Be able to describe the historical, political and legal basis of the major environmental health programs (including the location of these programs and their relationship to society);
2. Understand the basic principles that govern the operation of environmental health programs, including being able to:
 - a. Delineate the general structure and lines of communication and authority with a given agency or organization,
 - b. Recognize the proper range of discretion and responsibility which have been given to employees due to

the specific requirements of their jobs, their location within the organization the structure, and the leadership style of their immediate superior
 c. Define the legal context and the tools for ensuring compliance with environmental laws, rules, and policies

3. Determine the purpose and general requirements of effective program planning in environmental health, including having a fundamental understanding of the importance of and general processes for:

- a. Setting program goals and objectives,
- b. Assessing available, and potential sources of appropriate data and indicators
- c. Planning and conducting appropriate activities to accomplish program goals, and
- d. Evaluating program accomplishments;

4. Explain the importance (and requirements) of effective communications between agency employees and the people whose activities they are regulating, the employees of other agencies, the news media and the general public;

5. Be able to search out relevant materials using library resources;

6. Be able to discuss the legal basis, as well as the public health basis, of an environmental health regulatory program — regardless whether it involves air quality, food protection, drinking water, liquid waste treatment, solid waste disposal, or other environmental health program area;

7. Understand and be able to explain the source and proper use of police powers in environmental health;

8. Appreciate the necessity for, and be able to list three methods of, safeguarding individual rights at the same time they are protecting the public's health; and,

9. Understand, and be able to describe the use of, common legal processes and remedies used to accomplish program goals.

Course Requirements

1. **Case studies.** Students will be assigned a series of progress assessment exercises and/or cases on which they will work both individually and in teams to produce a written or oral report.

2. **Table top exercise.** A final cumulative table top exercise will be conducted in which the students assume the role of an agency or organization faced with responding to an environmental hazard within their community.

For written assignments, each paper should be typed with appropriate citations, footnotes and/or end notes, bibliography including all references used. The information you present and your bibliography should reflect your ability to search the library and obtain relevant information from many sources, including scientific/professional journals, trade journals, and government reports. Use of only one or two references (or only references from internet sites) is not considered adequate or acceptable. This is an exercise in report writing typical of the type of reports which an environmental health practitioner is expected to be able to routinely produce.

Format: You do not need to use a cover but must have a title page. Make sure all of your names, the class, the date and the title of your report are included on the title page and follow this with the text, bibliography, and appendices. Include page numbers after the first page. Staple the report in the upper left hand corner. You should not use type larger than 12 point (or smaller than 10), triple space, or wide margins.

Evaluation of Papers: Your paper will be evaluated on the following points:

- a. Data collection, organization, analysis and synthesis;
- b. Appropriateness of your recommendation; and,
- c. Organization, general composition, spelling, and use of footnotes and/or end notes.

3. **Class Participation.** There will be a series of class exercises in which the class will work together in teams to examine a particular aspect of the course content, solve a problem or conduct an activity.

Up to 25 points may be deducted from your total points accumulated because you were unable able to respond in class to questions covering the reading or study question assigned for the day, or for not participating in class discussions or attending class.

Course Materials

1. Textbooks:

- a. Grad, Frank P., Public Health Law Manual [2nd Edition], American Public Health Association, Washington DC, 1990.
- b. Buck, Susan J., Understanding Environmental Administration and Law, (2nd Ed.) Island Press,

Washington DC, 1996. (Optional)

2. **Required Readings:** This is a collection of cases and other readings compiled from a variety of sources, including selected chapters from:

- Institute of Medicine, The Future of Public Health, National Academy Press, 1988.
 - Institute of Medicine, The Future of the Public's Health in the 21st Century, National Academies Press, 2002/
 - William Hooke and Paul G. Rogers, Editors, Public Health Risks of Disasters: Communication, Infrastructure, and Preparedness -- Workshop Summary, National Academies Press, 2005.
 - Lynn Goldman and Christine M. Coussens, Editors, Environmental Health Indicators: Bridging the Chasm of Public Health and the Environment -- Workshop Summary, National Academies Press, 2004.
 - Public Health Improvement Plan, Washington Department of Health, 1994
 - CDC, Protocol for Assessing Community Excellence in Environmental Health (PACE/EH), NACCHO, 200.
- These references are available in the Health Sciences Library, the DEOHS library and in Room E-179. Copies of the cases and other selected other readings will be available on the course website at <http://courses.washington.edu/envh471/Readings/Contents.htm> .

3. **Statutes & Regulations:** A copy of many of the required statutes is available on-line on the World Wide Web, either through specific postings accessible from the course web site <http://courses.washington.edu/envh471/Statutes/Contents.htm> or by links to other sites.

- Federal Statutes: You may wish to purchase a compilation of the major federal environmental statutes such as Environmental Statutes published annually by the Government Institute, Inc. A copy of the current edition of Environmental Statutes is kept on reserve in the Departmental Library.
- Misc. Statutes: A collection of illustrative federal, state and local statutes, and rules and regulations is kept on reserve in the Departmental library. Most federal and state statutes are readily available in local libraries.

Course Policies

1. **Paper Format.** All papers must be typewritten. Your report will be graded on the substance of your report and on the effectiveness of its organization and presentation. Groups should see one of the instructors if they need help with making/obtaining their poster board or other materials, including graphics.
2. **Make up Examinations.** There will be no make-up examinations unless approved by the instructors in advance. If a test is missed because of an unexcused absence, it will not be rescheduled.
3. **Grade.** Your course grade will be based on the total number of points you accumulate during the quarter, less any points deducted based on your lack of class participation. $\text{Grade} = (\text{Points earned} - \text{points lost}) / \text{Total Possible Points}$.
4. **Disability.** If you would like to request academic accommodations due to a disability, please contact Disabled Student Services, 448 Schmitz, 543-8924 (V/TDD). If you have a letter from Disabled Student Services indicating you have a disability that requires academic accommodations, please present the letter to me so we can discuss the accommodations you might need for class.

Send mail to: ctreser@u.washington.edu
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Statutes & Regulations:
 * [Federal Food, Drug and Cosmetic Act, FDCA, Secs. 304, 702-704 \(21 USC 334, 372-374\).](#)
 * [Resource Conservation and Recovery Act, RCRA, 42 USC Secs. 6927-6929.](#)
 * [Washington State Board of Health \(RCW 43.20.050\)](#)
 * [Local Health Departments, \(RCW 70.05.060-070\).](#)
 * [Solid Waste Management, \(RCW 70.95.260-263.\)](#)
 * [Solid Waste Handling \(173-304 WAC Secs. 405, 430, 460, 600\).](#)
 * [Food Service Sanitation \(246 WAC Sec. 203-217\).](#)
 * [King Co. Food Code, Part 92 \(King Co. No. 2\)](#)
 * [King Co. Solid Waste Regulations,](#)

**Winter Quarter 2008
 Schedule of Lectures & Assignments**

(NOTE: This schedule is still under construction and the list of lectures and assignments is subject to change.)

Session No.	Day	Date	Topic / Lecturer	Required Readings	Optional Readings
1	Mon.	01/07/08	Course Introduction C. Treser & C. Osaki, DEOHS	Handout #1	
2	Tue..	01/08/08	Risk C. Treser & C. Osaki, DEOHS		
3	Wed.	01/09/08	Community EH Risks <i>Blue Vinyl</i>		
4	Thu.	01/10/08	Community EH Risks <i>Blue Vinyl</i> Continued		
5	Fri.	01/11/08	Societal Responses to Environmental Health Risks C. Osaki, DEOHS	Handout #2	
4	Mon.	01/14/08	Setting the Context: Essential EH Services C. Osaki, DEOHS	The Future of Public Health Handout #3	
5	Tue.	01/15/08	EH Standards: Development of National & State Standards C. Osaki, DEOHS	The Future of Public Health	
6	Wed.	01/16/08	Performance Measures C. Osaki, DEOHS	Revitalization of EH Services	
7	Thu.	01/17/08	Core EH Competencies C. Osaki, DEOHS	Core EH Competencies	

Part III Sec. 5 (King Co. No. 8).**Handouts:**[Case Brief Form](#)[In the News...](#)

8	Fri.	01/18/08	Program Planning & Evaluation C. Osaki, DEOHS	Case Study: Colorado River Rafters	
	Mon.	01/21/08	ML KING, Jr. BIRTHDAY OBSERVED		
9	Tue.	01/22/08	Program Planning & Evaluation C. Treser, DEOHS	Program Planning Handout	
10	Wed.	01/23/08	Group Projects C. Treser, DEOHS		
11	Thu.	01/4/08	Working with Communities C. Osaki, DEOHS / Env. Justice Video	SBOH EJ Report	CCEJ
12	Fri.	01/25/08	PACE-EH: A Tool for Community Collaboration C. Osaki, DEOHS	PACE-EH Parts I & II	PACE-EH Island County
13	Mon.	01/28/08	PACE-EH: Continued C. Osaki, DEOHS	PACE-EH Part III	
14	Tue.	01/29/08	EH Communications: Competencies C. Osaki, DEOHS	Role Playing Exercise	
15	Wed.	01/30/08	Communications: Communicating with Groups C. Osaki, DEOHS	Behavior Types	
16	Thu.	01/31/08	Communications: Communicating with the Public C. Osaki, DEOHS	Role Playing Exercise	
17	Fri.	02/01/08	Communications: Putting it Together C. Osaki, DEOHS		
18	Mon.	02/04/08	Organizations: Leadership & Workforce Development C. Osaki, DEOHS		
19	Tue.	02/05/08	Organizations: Policy Development C. Osaki, DEOHS		
20	Wed.	02/06/08	Organizations: Policy Implementation C. Osaki, DEOHS		

21	Thu.	02/07/08	Organizations: Emergency Response C. Treser, DEOHS		
22	Fri.	02/08/08	Midterm Review C. Osaki, DEOHS	Midterm Case	
23	Mon.	02/11/08	Midterm Examination Class		
24	Tue	02/12/08	Risks & Legal Actions C. Treser		
25	Wed.	02/13/08	Environmental Health and the Law C. Treser, DEOHS	Key Points #24 Reading #01	Reading #02 Reading #03
26	Thu.	02/14/08	Legal Authority C. Treser, DEOHS	Key Points #25 Reading #04 Skim the laws	
27	Fri.	02/15/08	Legal Authority (Continued) C. Treser, DEOHS	Reading #05 (A) Reading #06 (B) Reading #07 (C) Reading #08 (D) Reading #09 (E) Reading #10 (F)	
	Mon.	02/18/08	PRESIDENT'S DAY HOLIDAY		
29	Tue.	02/19/08	Information Gathering, Management and Release: Privacy vs. Public's Right to Know C. Treser, DEOHS	Key Points #26 Key Points #27 Skim the laws Reading #11 (A&D) Reading #12 (B&E) Reading #13 (C&F)	

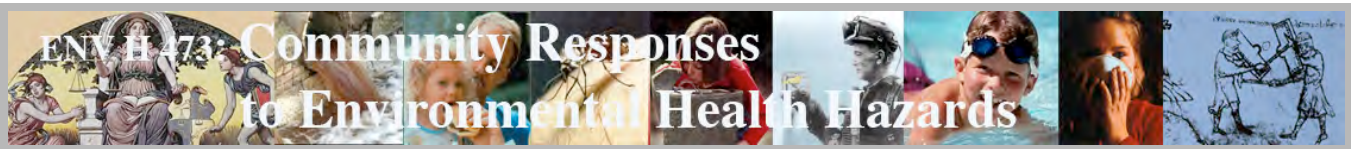
29	Wed..	02/20/08	Inspections & Investigations C. Treser, DEOHS	Key Points #28 Skim the laws Reading #14 (A) Reading #15 (B) Reading #16 (C)	
30	Thu.	02/21/08	Inspections & Investigations C. Treser, DEOHS	Reading #17 (D) Reading #19 (E) Reading #20 (F) Reading #21	Reading #18
31	Fri..	02/22/08	Enforcement Tools: Permits & Licenses C. Treser, DEOHS	Key Points #30 Skim the laws Reading #22 Reading #23 Reading #24 (A)	
32	Mon.	02/25/08	Enforcement Tools: Orders & Citations C. Osaki, DEOHS	Key Points #31 Skim the laws Reading #22 Reading #23 Reading #25 (B)	
33	Tue.	02/26/08	Enforcement Tools: Embargoes, Seizures and Condemnations C. Osaki, DEOHS	Key Points #32 Skim the laws Reading #22 Reading #23 Reading #26 (C) Reading #27 (D) Reading #28 (E)	
34	Wed.	02/27/08	Enforcement Actions: Administrative Remedies C. Osaki, DEOHS	Key Points #33 Reading #23 - Review: Readings #7 & #10 Reading #29 [F] Reading #30 [A]	

				Reading #31 [B]	
35	Thu.	02/28/08	Enforcement Actions: Courts & Court Procedures C. Treser, DEOHS	Key Points #34 Reading #32 Reading #33 Reading #34	
36	Fri.	03/01/08	Enforcement Actions: Criminal Actions C. Treser, DEOHS	Key Points #35 Reading #35 Reading #36	
37	Mon.	03/03/08	Enforcement Actions: Civil Actions C. Treser, DEOHS	Key Points #36 Reading #35 Reading #36 Reading #37 [C]	
38	Tue.	03/04/08	Agency & Personal Liability C. Treser, DEOHS	Key Points #42 Reading #38 Reading #39 Reading #40	Reading #12
39	Wed.	03/05/08	Agency & Personal Liability C. Treser, DEOHS	Reading #41 [D] Reading #42 [E] Reading #43 [F]	
40	Thu.	03/06/08	Work on Group Projects Groups		
41	Fri.	03/07/08	Work on Group Projects Groups		
42	Mon.	03/10/08	Case Studies Students	Group A Group B	
43	Tue.	03/11/08	Case Studies Students	Group C Group D	
44	Wed.	03/12/08	Case Studies Students	Group E Group F	
45	Thu.	03/13/08	Table Top Exercise C. Osaki, DEOHS		
46	Fri.	03/14/08	Final Review C. Osaki, DEOHS		



47	Wed.	03/19/08	Final Examination Period <i>8:30 - 10:20 a.m.</i>	Reading #44 [All]	
			Chuck's out of town		
			Carl's out of town		
			Both out of town		

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Winter Quarter 2008 Instructors

Course Instructors

	<p>Charles D. (Chuck) Treser, MPH, DAAS Senior Lecturer School of Public Health & Community Medicine Department of Environmental & Occupational Health Sciences and Northwest Center for Public Health Practice E-179A, Health Sciences Center Campus Box 357234 Seattle, WA 98195-7234 Phone: 206-616-2097 Fax: 206-543-9616 Email: ctreser@u.washington.edu</p> <p>Office Hours: 9:30 - 11:30 a.m. and 12:30 - 3:30 p.m. daily, however it is advisable to sign up on the schedule outside my office door or check to make sure that I'm available as I often have meetings that can draw me away from my office. Other times by appointment.</p>
<p>Mr. Treser was born near Pittsburgh, Pennsylvania in 1945. He received his bachelor of arts degree in history from Thiel College in 1967, and served three years in the United States Army as an artillery survey specialist, an education specialist and a personnel specialist. In 1971 he began his career in environmental health as an environmental health inspector with the Allegheny County Health Department in Pittsburgh, Pennsylvania. Steady promotions followed over the next four years until 1975, when as an environmental health supervisor, he went on leave to obtain a Master of Public Health degree at the University of Michigan. In 1976 he returned to the Allegheny County Health Department and was promoted to environmental health administrator. There he developed a comprehensive training program for new environmental health employees. In 1980, he accepted a position as Lecturer in Environmental Health with the University of Washington's Department of Environmental Health to manage a continuing competency education system for environmental health personnel.</p> <p>Chuck teaches in both the undergraduate program and the school-wide extended MPH degree program. He is an active participant in the University of Washington's Northwest Center for Public Health Practice – the organizational nexus within the School of Public Health & Community Medicine for connecting the academic pursuits of the school with the needs of the Public Health practice community. He has also participated in a national effort to revise the basic housing inspection manual for EH practitioners, and is the principal investigator on a cooperative agreement between the Association of Environmental Health Academic Programs (AEHAP) and the Centers for Disease Control and Prevention designed to improve environmental health practice through promoting and strengthening environmental health academic programs. Chuck is a Diplomate in the American Academy of Sanitarians.</p>	

	<p><u>Carl S. Osaki</u> Carl Osaki, Clinical Associate Professor School of Public Health & Community Medicine Department of Environmental and Occupational Health Sciences and Northwest Center for Public Health Practice Campus Mailbox 354809 Seattle WA 98195-4809 Phone: (206) 365-1633 Fax: (206) 616-9415 Email: csosaki@aol.com</p> <p>Office Hours: 9:30 - 10:20 p.m. Monday, Wednesday and Friday. Other times by appointment.</p>
<p>Carl S. Osaki, RS, MSPH is a Clinical Associate Professor in the Department of Environmental & Occupational Health Sciences, School of Public Health and Community Medicine, University of Washington. He retired as the Director of Environmental Health, Seattle-King County Department of Public Health in 1999 and served as a member (Vice Chair) of the Washington State Board of Health from 1997 to 2005. Carl was one of the authors of PACE-EH (a nationally recognized community environmental health assessment tool). He serves as a consultant to local, state, and tribal public health agencies nationwide and has provided numerous trainings and workshops relating to environmental health practice and public health emergency preparedness and response. From 2000 to 2004, he managed an Association of Schools of Public Health training grant aimed at helping local and state agencies integrate the Essential Services of Public Health into environmental health practice. He is currently the principal investigator for 3 year CDC grant which aims to assist environmental health units in 9 states enhance their capacity through trainings, assessments, and evaluations. Carl is the past chair of the Washington State Association of Local Health Officials and is a member of numerous state and national public health organizations. His Bachelors and Masters degrees are in Environmental Health; both from the University of Washington. He has been in public health practice since 1966.</p>	

Send mail to: ctreser@u.washington.edu
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