

# ENV H 586/596 Sp 17: Current Issues In Occupational Health At The Human Animal Interface / Occ. & Env. Medicine

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Environmental Health 596/586 / Nursing 580

## Current Issues In Occupational Health At The Human Animal Interface / Occ. & Env. Medicine

Spring Quarter, 2017

Thursday 3:30-5:20 p.m. 4225 Roosevelt Way NE, Room 2228

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### Course Description:

This course provides a weekly seminar setting for presentations and discussions regarding a wide range of occupational and environmental health topics. It emphasizes current issues and real world situations faced in the practice of environmental and occupational health. Where relevant, it will stress the application of a "One Health" approach considering human, animal, and environmental aspects of a problem. The course will feature critical reading of the literature.

The course is designed to meet the needs of students from a variety of backgrounds, including occupational medicine, "One Health", industrial hygiene, occupational health nursing, occupational health services, and toxicology students. Format will include didactic presentations with discussion, student-led case/situation presentations followed by topical discussion, and journal club. Topics will include emerging occupational and environmental health issues and issues in administration of environmental/occupational health programs. An emphasis will be placed on issues which foster multi-disciplinary interaction between occupational/environmental health professionals (if students from multiple disciplines are enrolled). Student presentations will be made in inter-disciplinary teams when possible.

During this segment of the ENVH 596 / NURS 580 series, the Spring 2017 quarter, we will focus on topics related to occupational & environmental biological and physical hazards.

The course emphasizes the ability to critically read the current literature. More than half of the sessions will be at least partly student-led. The course will provide an opportunity for students to develop and practice presentation skills, and demonstrate expertise in locating and using relevant, current, and evidence-based information sources.

Students may register for the course on a graded or credit/no credit basis, though graded status is typically required if you are taking this to fulfill a degree requirement. OEMP trainees as well as OHHAH Scholars are expected to attend and participate in the seminar.

Canvas and email are the standard medium used for communication regarding this course, and readings will be distributed *generally* via Canvas or e-reserves. Students are responsible for ensuring that their correct email address is on file, and for informing the instructor if unable to use either electronic medium.

### Learning Objectives for Spring, 2017.

At the end of this course, the student should be able to:



Judged on class attendance and participation in discussions.

This course is offered on both a graded (A section) and credit/no credit (B section) basis. The expected student contribution to the course is identical whichever grading status is chosen.

### Preparing a student presentation

*Choose a topic.* We will balance between topics that need to get covered and topics of special interest to the class (because they are timely or related to a student's own interest or background). Because we have a long list of topics that must be covered, we need to cover several prescribed topics this quarter, as seen in the course schedule. A few of the topics may be changed, with instructor permission.

*Meet with the instructor.* The student or student group must meet with the instructor at least two, and preferable three or more weeks, prior to the presentation. At this meeting, the topic will be clarified, resource material and faculty identified, and a presentation format chosen. The student and instructor will agree on the scope of the presentation and best approach to preparation and presentation. If the session will be a journal club or other session requiring advance preparation by the other students in the seminar, these materials will be selected at this meeting.

*Distribute materials in advance (if necessary).* Materials for other students should be distributed two weeks in advance. This is especially important for journal club formats. Reading material will be distributed electronically via the web when possible.

**IMPORTANT: For all student presentations covering a topic area (i.e., other than just discussing a brand new article), students should prepare a *resource list* that provides a list of excellent sources of information on the topic (e.g., high quality web-sites, recent review articles, seminal research articles, or book chapters). This should be distributed as a one-page sheet to the class. If a group presentation, one resource list can be prepared for the student group.**

### DISTANCE PARTICIPATION

Students and guests can participate via the Skype for Business (AKA Microsoft Lync) platform in this class.

For those attending remotely, a Microsoft Lync meeting has been established. Please see the below url to join. Note that you will have to be on a computer with enough privileges for the Lync Web App to download as well as using a browser that allows pop-ups. Further, it seems that the audio will work only if you have both a speaker and microphone installed and configured on your computer.

[https://meet.lync.com/uwnetid-uw/taylorjh/SUZZRAC3\\_C3](https://meet.lync.com/uwnetid-uw/taylorjh/SUZZRAC3_C3) (<https://meet.lync.com/uwnetid-uw/taylorjh/SUZZRAC3>)

A tutorial for first time Lync users can be found here:

<http://r.office.microsoft.com/r/rlid0C10?clid=1033&p1=4&p2=1041&pc=oc&ver=4&subver=0&bld=7185&bldver=0> (<http://r.office.microsoft.com/r/rlid0C10?clid=1033&p1=4&p2=1041&pc=oc&ver=4&subver=0&bld=7185&bldver=0>)

### ADVICE FOR WEBINAR PARTICIPANTS:

1. Use a webcam in a well-lighted room. Try to position room lighting in front of your face / directed towards your face rather than behind you. Close blinds behind you if backlighting appears to be a problem.
2. Use a headset with microphone. If you do not have one of these, at least use headphones for audio output (instead of the computer speakers).
3. Test your system (<http://www.webex.com/test-meeting.html>) BEFORE the class session to make sure your equipment will work.
4. Mute your microphone while you are not speaking.

Generally: Most laptops built within the last few years contain built-in webcams and microphones that should work. Be sure to use headphones

rather than the laptop speakers, though, or we could end up with feedback / echo.

Those of you participating from a distance: Please make a point of contributing to each class session. It helps me (and the speakers) feel less disheartened about things to know that you are really out there and not just playing solitaire. If your microphone isn't working, you can text in a comment! If you lose audio or video, send us a message.

**Disability Resources** for Students (DRS) offers resources and coordinates reasonable accommodations for students with disabilities. Reasonable accommodations are established through an interactive process between you, your instructor(s) and DRS. If you have not yet established services through DRS, but have a temporary or permanent disability that requires accommodations (this can include but not limited to; mental health, attention-related, learning, vision, hearing, physical or health impacts), you are welcome to contact DRS at 206-543-8924 or uwdrs@uw.edu or disability.uw.edu

### **Academic Integrity**

Students at the University of Washington (UW) are expected to maintain the highest standards of academic conduct, professional honesty, and personal integrity.

The UW School of Public Health (SPH) is committed to upholding standards of academic integrity consistent with the academic and professional communities of which it is a part. Plagiarism, cheating, and other misconduct are serious violations of the [University of Washington Student Conduct Code](#) (WAC 478-120). We expect you to know and follow the university's policies on cheating and plagiarism, and the [SPH Academic Integrity Policy](#). Any suspected cases of academic misconduct will be handled according to University of Washington regulations. For more information, see the [University of Washington Community Standards and Student Conduct](#) website.

Date	Topic	Guest Speaker or Student
	<i>Course Introduction / Introduction to Topics</i>	
1 3/30	Critical Reading  One Health and OEM	Rabinowitz
	<i>Guest Speaker</i>	
2 4/6	Occupational Infectious Diseases Part I: Bloodborne pathogens, Post exposure prophylaxis, vaccinations	Student: Motz Guest faculty: Cherry
	<i>Student Presentations / Journal club</i>	
3 4/13	Occupational Infectious Diseases Part II:  Biowarfare, Disaster response:	Students: Esi/Frisbie Guest faculty: Pappaioanou

*Student Presentations*

4 4/20 Students: Turner  
Travel Medicine

*Student Presentations*

5 4/27 Occupational Infectious Disease III: Zoonoses Students: Meisner

*Student Presentations / Journal Club*

6 5/4 Occupational Infectious Disease IV; Pandemics, Influenza Students: Grant

7 5/11 Student Presentations Students: Halideos  
Diving Medicine, Altitude Guest Expert: Dulaigh

8 5/18 Student Presentations Students:Larson  
Extremes of Temperature: Heat Illness and Hypothermia Guest Expert: Spector

*Student Presentations / Journal Club*

9 5/25 Noise, Noise-induced Hearing Loss, and the Hearing Conservation Standard Students:McConnell

10 6/1 Occupational Infections V: TB, building related infections Student: Barton

6/8 No class Finals Week

# Course Summary:

Date

Details

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