

# Course Syllabus

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## **ENV H 597A: Case Studies in Occupational and Environmental Health**

**Quarters:** Autumn, Winter, Spring

**Day/Time:** Thursdays, 2:45pm - 3:30pm

**Location:** 4225 Roosevelt Way, 'Fishbowl'

**Instructor:** Debbie Cherry, MD, MS; Associate Professor, Department of Environmental and Occupational Health Sciences; Phone: (206) 744-9398; E-mail: [cherryd@u.washington.edu](mailto:cherryd@u.washington.edu) (<mailto:cherryd@u.washington.edu>)

**Office Hours:** By appointment

**Course Description:** In this course, Occupational and Environmental Medicine residents will discuss the details of clinical cases encountered at Harborview's Occupational Medicine Clinic, and also at Occupational Medicine Clinics in the community. One occupational injury or disease case will be presented and discussed at each session. The occupational injury or disease topics will be assigned ahead of time. Residents may also choose an 'alternative topic' from the list of options provided each week. Each resident will present 2 cases during the quarter. Residents will use the following format for presenting cases:

### Presentation Format:

15 min: Case presentation

10 min: Q & A Discussion including faculty input and participation

20 min: Teaching Points, including:

- Epidemiology and work relatedness
- Key physical examination and provocative maneuvers
- Pertinent diagnostics
- Differential diagnoses
- Management and associated procedures
- Clinical course and work restrictions

For each case presented, residents will prepare a 1 - 2 page summary of teaching points for the occupational injury or disease topic covered. This summary will highlight the teaching points outlined above and also include a list of key references. Residents will email this summary handout to Esi Nkyekyer ([esink@uw.edu](mailto:esink@uw.edu) (<mailto:esink@uw.edu>)) after each case presentation to be uploaded onto the Canvas website under 'Files'.

**Course Learning Objectives:** The focus of the Autumn 2016 quarter for ENV H 597A is Occupational Musculoskeletal Injuries and Diseases. By the end of this quarter, residents will be able to :

1. Describe the epidemiology of prevalent occupational musculoskeletal injuries and diseases
2. Explain and discuss the challenges associated with determining work-relatedness of musculoskeletal injuries and diseases
3. Diagnose and manage prevalent occupational musculoskeletal injuries and diseases
4. Recommend appropriate work accommodations and restrictions for prevalent occupational musculoskeletal injuries and diseases
5. Understand the clinical course of prevalent musculoskeletal injuries and diseases

If you encounter interesting cases in clinic which are not occupational musculoskeletal injuries or disorders, please let Esi Nkyekyer ([esink@uw.edu](mailto:esink@uw.edu) (<mailto:esink@uw.edu>)) know so we can add them to the list of cases for future discussion.

Furthermore, as time allows during the case conference sessions, residents may briefly ask specific questions about cases they have encountered to the group for discussion and input.

**Evaluation Methods:** The instructor will assign a grade based on attendance, presentations, and class participation.

## **Occupational and Environmental Medicine Resident Didactic Series**

**Quarters:** Autumn, Winter, Spring

**Day/Time:** Thursdays, 2:00pm - 2:45pm

**Location:** 4225 Roosevelt Way, 'Fishbowl'

**Instructor:** Debbie Cherry, MD, MS; Associate Professor, Department of Environmental and Occupational Health Sciences; Phone: (206) 744-9398; E-mail: [cherryd@u.washington.edu](mailto:cherryd@u.washington.edu) (<mailto:cherryd@u.washington.edu>)

**Office Hours:** By appointment

**Course Description:** Please note that this didactic series will precede ENV H 597A, but is not part of the ENV H 597A course. This didactic series is specifically targeted to for Occupational and Environmental Medicine (OEM) Residents. The primary objective of this course is to discuss topics pertinent to Occupational and Environmental Medicine, not covered elsewhere in the curriculum, particularly pertaining to preventive medicine and related public health topics. Residents will be assigned selected topics to present and discuss each week.

**Course Learning Objectives:** The focus of the Autumn 2016 quarter for the resident didactic series is Infectious (Communicable) Diseases & Public Health. By the end of the quarter, residents will be able to:

1. Understand the epidemiology and trends of communicable diseases
2. Understand the differences between various modes of infectious disease transmission
3. Identify and define methods that can be used for control of communicable diseases

**Administrative Day:** The Dec 1, 2016 Resident Didactic Session will be an administrative day during which Debra Cherry will discuss resident schedules as well as semi-annual evaluations.

**Research Day:** The Dec 8, 2016 Resident Didactic and Case Conference Sessions will be dedicated to resident presentations of their research work in progress. First year residents will have 10 minutes to discuss their research work, while second year residents will have 20 - 30 minutes to discuss their research work.

**Readings and Other Preparatory Materials:** All course materials or links to materials will be posted on the class website. All students are expected to be able to access class materials via the course website. If this presents a problem, students are expected to let the instructor know immediately. Please be advised that to use the electronic material on the course website, you must agree to the following statement: The copyright law of the United States (Title 17, United States Code) governs the making of photocopies or other reproductions of copyrighted materials. Under certain conditions specified in the law, libraries and archives are authorized to furnish a photocopy or other reproduction. One of these specified conditions is that the photocopy or reproduction is not to be used for any purpose other than private study, scholarship, or research. If a user makes a request for, or later uses, a photocopy or reproduction for purposes in excess of fair use that user may be liable for copyright infringement.

Course Textbook:

For resident didactic sessions: Maxey-Rosenau-Last Public Health and Preventive Medicine: Fifteenth Edition (Public Health and Preventive Medicine)

**Access and Accommodations:** Your experience in this class is important to us, and it is the policy and practice of the University of Washington to create inclusive and accessible learning environments consistent with federal and state law. If you experience barriers based on a disability or temporary health condition, please seek a meeting with Disability Resources for Students (DRS) to discuss and address them. If you have already established accommodations with DRS, please communicate your approved accommodations to your instructor at your earliest convenience so we can discuss your needs in this course. DRS offers resources and coordinates reasonable accommodations for students with disabilities and/or temporary health conditions. 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 health condition 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](mailto:uwdrs@uw.edu) or [disability.uw.edu](mailto: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. Classroom climate: The UW School of Public Health seeks to ensure all students are fully included in each course. We strive to create an environment that reflects community and mutual caring. We encourage students

with concerns about classroom climate to talk to your instructor, your advisor, a member of the departmental or SPH Diversity Committee and/or the program director.

## Assignments Summary:

Date	Details	
Thu Sep 29, 2016	 <a href="https://canvas.uw.edu/courses/1065304/assignments/3365035">Resident Didactics: Sexually Transmitted Infections (Debra Cherry)</a> <a href="https://canvas.uw.edu/courses/1065304/assignments/3365035">https://canvas.uw.edu/courses/1065304/assignments/3365035</a>	due by 11pm
	 <a href="https://canvas.uw.edu/courses/1065304/assignments/3369350">Case Conference: Neck Disorders -- Cervical Radiculopathy (Esi Nkyekyer)</a> <a href="https://canvas.uw.edu/courses/1065304/assignments/3369350">https://canvas.uw.edu/courses/1065304/assignments/3369350</a>	due by 11:59pm
Thu Oct 6, 2016	 <a href="https://canvas.uw.edu/courses/1065304/assignments/3368894">Resident Didactics: Fungal Infections (Eric Barton)</a> <a href="https://canvas.uw.edu/courses/1065304/assignments/3368894">https://canvas.uw.edu/courses/1065304/assignments/3368894</a>	due by 11pm
	 <a href="https://canvas.uw.edu/courses/1065304/assignments/3392763">Case Conference: Singer's Dysphonia (Esi Nkyekyer)</a> <a href="https://canvas.uw.edu/courses/1065304/assignments/3392763">https://canvas.uw.edu/courses/1065304/assignments/3392763</a>	due by 11:59pm
Thu Oct 13, 2016	 <a href="https://canvas.uw.edu/courses/1065304/assignments/3368895">Resident Didactics: Arthropod Vector Infections - Viruses (Esi Nkyekyer)</a> <a href="https://canvas.uw.edu/courses/1065304/assignments/3368895">https://canvas.uw.edu/courses/1065304/assignments/3368895</a>	due by 11pm
	 <a href="https://canvas.uw.edu/courses/1065304/assignments/3392764">Case Conference: Shoulder Disorders -- Rotator Cuff Tendonitis/Impingement Syndrome (Eric Barton)</a> <a href="https://canvas.uw.edu/courses/1065304/assignments/3392764">https://canvas.uw.edu/courses/1065304/assignments/3392764</a>	due by 11:59pm
Thu Oct 20, 2016	 <a href="https://canvas.uw.edu/courses/1065304/assignments/3368905">Resident Didactics: Arthropod Vector Infections - Non-Viral (Demitris Haldeos)</a> <a href="https://canvas.uw.edu/courses/1065304/assignments/3368905">https://canvas.uw.edu/courses/1065304/assignments/3368905</a>	due by 11pm
	 <a href="https://canvas.uw.edu/courses/1065304/assignments/3392765">Case Conference: Shoulder Disorders -- Rotator Cuff Tears (Priya Motz)</a> <a href="https://canvas.uw.edu/courses/1065304/assignments/3392765">https://canvas.uw.edu/courses/1065304/assignments/3392765</a>	due by 11:59pm
Thu Oct 27, 2016	 <a href="https://canvas.uw.edu/courses/1065304/assignments/3368908">Resident Didactics: Food &amp; Waterborne Infections (Debbie Cherry)</a> <a href="https://canvas.uw.edu/courses/1065304/assignments/3368908">https://canvas.uw.edu/courses/1065304/assignments/3368908</a>	due by 11pm
	 <a href="https://canvas.uw.edu/courses/1065304/assignments/3392766">Case Conference: Upper Extremity Disorders - Cubital, Ulnar or Radial Tunnel Syndromes (Demitris Haldeos)</a> <a href="https://canvas.uw.edu/courses/1065304/assignments/3392766">https://canvas.uw.edu/courses/1065304/assignments/3392766</a>	due by 11:59pm
Thu Nov 3, 2016	 <a href="https://canvas.uw.edu/courses/1065304/assignments/3369052">Resident Didactics: Parasites -- Hookworm, Nematodes, &amp; Schistosomiasis (Priya Motz)</a> <a href="https://canvas.uw.edu/courses/1065304/assignments/3369052">https://canvas.uw.edu/courses/1065304/assignments/3369052</a>	due by 11pm
	 <a href="https://canvas.uw.edu/courses/1065304/assignments/3392767">Case Conference: Upper Extremity Disorders - Lateral and Medial Epicondylitis (Esi Nkyekyer)</a> <a href="https://canvas.uw.edu/courses/1065304/assignments/3392767">https://canvas.uw.edu/courses/1065304/assignments/3392767</a>	due by 11:59pm
Thu Nov 10, 2016	 <a href="https://canvas.uw.edu/courses/1065304/assignments/3369084">Resident Didactics: Tuberculosis (Debra Cherry)</a> <a href="https://canvas.uw.edu/courses/1065304/assignments/3369084">https://canvas.uw.edu/courses/1065304/assignments/3369084</a>	due by 11pm
	 <a href="https://canvas.uw.edu/courses/1065304/assignments/3392769">Case Conference: Back Disorders - Lumbar Radiculopathy/Herniated Intervertebral Disc (Eric Barton)</a> <a href="https://canvas.uw.edu/courses/1065304/assignments/3392769">https://canvas.uw.edu/courses/1065304/assignments/3392769</a>	due by 11:59pm

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Thu Nov 17, 2016	 <b><a href="https://canvas.uw.edu/courses/1065304/assignments/3369085">Resident Didactics: Viral Hepatitis (Esi Nkyekyer)</a></b> ( <a href="https://canvas.uw.edu/courses/1065304/assignments/3369085">https://canvas.uw.edu/courses/1065304/assignments/3369085</a> )	due by 11pm
	 <b><a href="https://canvas.uw.edu/courses/1065304/assignments/3392770">Case Conference: Back Disorders -- Spinal Fractures (Priya Motz)</a></b> ( <a href="https://canvas.uw.edu/courses/1065304/assignments/3392770">https://canvas.uw.edu/courses/1065304/assignments/3392770</a> )	due by 11:59pm
Thu Nov 24, 2016	 <b><a href="https://canvas.uw.edu/courses/1065304/assignments/3369086">Resident Didactics: Thanksgiving Break - No Class</a></b> ( <a href="https://canvas.uw.edu/courses/1065304/assignments/3369086">https://canvas.uw.edu/courses/1065304/assignments/3369086</a> )	due by 11pm
	 <b><a href="https://canvas.uw.edu/courses/1065304/assignments/3392771">Case Conference: Thanksgiving Break - No Class</a></b> ( <a href="https://canvas.uw.edu/courses/1065304/assignments/3392771">https://canvas.uw.edu/courses/1065304/assignments/3392771</a> )	due by 11:59pm
Thu Dec 1, 2016	 <b><a href="https://canvas.uw.edu/courses/1065304/assignments/3369087">Resident Didactics: Admin Day -- Discuss schedules and semi-annual evaluations</a></b> ( <a href="https://canvas.uw.edu/courses/1065304/assignments/3369087">https://canvas.uw.edu/courses/1065304/assignments/3369087</a> )	due by 11pm
	 <b><a href="https://canvas.uw.edu/courses/1065304/assignments/3392772">Case Conference: Lower Extremity Disorders -- Knee Meniscal Tears (Demitris Haldeos)</a></b> ( <a href="https://canvas.uw.edu/courses/1065304/assignments/3392772">https://canvas.uw.edu/courses/1065304/assignments/3392772</a> )	due by 11:59pm
Thu Dec 8, 2016	 <b><a href="https://canvas.uw.edu/courses/1065304/assignments/3369088">Resident Didactics: Research Day</a></b> ( <a href="https://canvas.uw.edu/courses/1065304/assignments/3369088">https://canvas.uw.edu/courses/1065304/assignments/3369088</a> )	due by 11pm
	 <b><a href="https://canvas.uw.edu/courses/1065304/assignments/3392773">Case Conference: Research Day</a></b> ( <a href="https://canvas.uw.edu/courses/1065304/assignments/3392773">https://canvas.uw.edu/courses/1065304/assignments/3392773</a> )	due by 11:59pm

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