### COURSE SYLLABUS

#### EHS 230-C: “Interdisciplinary Occupational Health Practice” – Syllabus

**SPRING 2016**

<table>
<thead>
<tr>
<th>DATE</th>
<th>TIME</th>
<th>LOCATION</th>
<th>MODULE</th>
<th>CLASS HRS</th>
</tr>
</thead>
<tbody>
<tr>
<td>March 29</td>
<td>18:00-19:50</td>
<td>UCLA, CHS 41-268</td>
<td>Journal Club/Research Seminar</td>
<td>2</td>
</tr>
<tr>
<td>April 4</td>
<td>10:00–12:00</td>
<td>Webinar</td>
<td>Ethics for OHS Professionals, Part 1</td>
<td>2*</td>
</tr>
<tr>
<td>Apr 7</td>
<td>10:00–12:00</td>
<td>Webinar</td>
<td>Ethics for OHS Professionals, Part 2</td>
<td>2*</td>
</tr>
<tr>
<td>April 12</td>
<td>18:00-19:30</td>
<td>UCLA, CHS 41-268, UCI, Conference Room 158</td>
<td>OM Grand Rounds: Sangjun Choi, MPH, PhD, Associate Professor, Catholic University of Daegu (South Korea), “Occupational Health Issues in Semiconductor Manufacturing Industry”</td>
<td>1.5</td>
</tr>
<tr>
<td>April 22 (or 29 TBD)</td>
<td>8:00 - 16:00</td>
<td>TBD</td>
<td>Worksite visit and workshop</td>
<td>8</td>
</tr>
<tr>
<td>April 26</td>
<td>18:00-19:50</td>
<td>UCLA, CHS 41-268</td>
<td>Journal Club/Research Seminar</td>
<td>2</td>
</tr>
<tr>
<td>May 10</td>
<td>18:00-19:30</td>
<td>UCLA, CHS 41-268, UCI, Conference Room 158</td>
<td>OM Grand Rounds: Oi Saeng Hong, PhD, RN, Professor, UCSF School of Nursing, “Firefighters”</td>
<td>1.5</td>
</tr>
<tr>
<td>May 13</td>
<td>9:00 - 15:00</td>
<td>UCI, OM Clinic</td>
<td>Clinical Case Conference Workshop</td>
<td>6</td>
</tr>
<tr>
<td>May 24</td>
<td>18:00-19:50</td>
<td>UCLA, CHS 41-268</td>
<td>Journal Club/Research Seminar</td>
<td>2</td>
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</tbody>
</table>

Total Hrs: 23-27* hrs  
Minimum hrs for S grade (2 units credit) : 18-22* hrs

*Students who have already taken the Ethics Webinars will have less total hours and minimum hours

**COURSE WEBSITE:** [https://ccl.e.ucla.edu/course/view/16S-ENVHLT230C-1](https://ccl.e.ucla.edu/course/view/16S-ENVHLT230C-1)

**LOGISTICS:** scerc (Ani Adzhemyan), [erc@ph.ucla.edu](mailto:erc@ph.ucla.edu), (310) 206-2304, CHS 61-279

**COURSE DIRECTOR:** Dr. Niklas Krause, [niklaskrause@ucla.edu](mailto:niklaskrause@ucla.edu), (310) 825-2079, CHS 56-071B

**ASSISTANT DIRECTOR:** Dr. Oscar Arias, [oarias@ucla.edu](mailto:oarias@ucla.edu), (310) 825-0709, CHS 56-071C
COURSE LEARNING OBJECTIVES:
This is a professionally oriented series of three courses (EHS 230 A-C) offered throughout the academic year designed to provide interactive training in interdisciplinary occupational health and safety practice. While the specific topics vary by course, year, and availability of worksites or patients, the general course objectives and methods described below apply to all courses (A, B, and C).

The overall objective of this course is to prepare students from various occupational health related academic programs for their future professional roles that typically require assumption of responsibilities outside one’s area of academic training or interdisciplinary collaboration with professionals and stakeholders from other disciplines or training backgrounds. The goal of this course is to provide students with a sound understanding of the interdisciplinary occupational health and safety practice, its contributing specialties and underlying principles, and opportunities to develop, communicate, and practice interdisciplinary OSH skills in academic, clinical and workplace settings.

This course sequence is designed to provide consistent interdisciplinary training in occupational health practice for graduate and post-graduate students enrolled in academic programs that train professionals in Industrial Hygiene, Occupational and Environmental Health Nursing, and Occupational Medicine. The course is also open for students from allied disciplines such as occupational epidemiology, occupational health psychology, ergonomics etc. SCERC trainees in these programs getting MS, MSN, MPH, DPH, or PHD degrees are required to take this course for credit in each quarter they receive NIOSH/ERC support. Other students in these programs are encouraged to enroll as well. Students are expected to enroll in this course during each quarter of their academic training and to progress from novice to proficient in selected interdisciplinary competencies in occupational health practice.

The specific interdisciplinary learning objectives of these three courses are:

1. Understand the roles, contributions, and responsibilities of occupational medicine physicians, occupational health nurses, industrial hygienists, and occupational safety professionals in the interdisciplinary practice of occupational health and safety.

2. Recognize selected occupational health and safety hazards through review of reference material, direct observation of workplaces and workers, and interaction with employees and their supervisors.

3. Interact with health and safety professionals and trainees from different disciplines and to share perspectives, resources, and common practice methodologies.

4. Communicate effectively, using oral and written formats, about occupational health and safety issues, work-related injury, disease, disability, and related research, scientific evidence, and professional and regulatory standards across academic disciplines or professional boundaries.

5. Build open and supportive professional and personal relationships with trainees and faculty from your own and other disciplines that meet ethical standards and are conducive to collaboration and mutual learning.

6. Develop an appreciation of the importance of life-long learning, continued education, and the contributions made to occupational health and safety by different disciplines and various stakeholders.
COURSE REQUIREMENTS:

- Attendance in all course modules (minimum 80% of listed contact hours)
- Certificate of completion of online HIPAA training (due Sept 15, 2015)
- Completion of assigned readings
- Completion of assignments on time
- Completion of written course evaluations at the end of each course session/module
- Completion of quarterly competency self-evaluation questionnaire
- Completion of online FSPH course evaluation at the end of each quarter
- Active participation in exercises, small group work, student presentations / inter-disciplinary peer teaching, worksite observations, case conferences, and discussions.

*First year students* receive assignments to review and summarize journal articles and other background materials addressing fundamental issues in occupational health and safety. More *advanced students* (second year master and 2+ year doctoral students and occupational medicine residents) are expected to actively engage in peer-teaching activities (e.g. presenting own research or protocol, critique journal articles and lead discussion in journal club/seminar, write journal article review, demonstrate tools for exposure assessments at worksite visits, facilitate a clinical case evaluation, or present on selected topics assigned by the course director). A minimum of two presentations per year is required for all students.

*Online Human Subject Training Incl. HIPAA Training:* All students and faculty need to understand that the federal HIPAA law protects the privacy of patient's personal and health information in both physical and electronic form and specifies rights of patients to approve access and/or use of their medical information. This free 4-hour online training is available at UCLA’s training website and needs to be completed by all students by September 15 as a prerequisite for participation in the Clinical Case Conferences during Day 2 of the Fall Interdisciplinary Workshop and during subsequent quarterly Clinical Case Conferences. All students need to submit their certificate to Leslie Culpepper (e-mail: erc@ph.ucla.edu, phone: (310) 2304) by September 15! This course and certificate are required for all new students.

COURSE GRADING (% of TOTAL of S/U GRADE):

1. Student’s active participation in small group work and presentations of results (33%).
2. Presentations (33%)
   a. *First year students:* Presentation of scientific, regulatory or other background material.
   b. *Advanced returning students:* presentation of own research projects; peer teaching of occupational exposure assessment methods, observational tools, clinical investigations, administrative and engineering controls, injury and illness prevention programs and other programs used in the prevention and management of occupational injuries and diseases (33%).
3. Attendance and active participation in all course modules (34%).

Note: students who miss more than 20% of contact hours need to contact course director for make-up assignment. Satisfactory grade requires participation in each course module.
COURSE READINGS:

Reading assignments for all students include journal articles, regulatory documents, descriptions and instructions for instruments and their accuracy used in worksite observations, clinical case histories, etc; assignments vary by course module and topic. Assignments are posted on the course website, students need to check before class.

Recommended Textbooks for Introduction to the Field and as Basic Reference:


(3) Textbook: *Occupational and Environmental Health Nursing: Concepts and Practice, Second Edition*, by Bonnie Rogers et al., 2003, paperback 2006, ISBN 0721685110, 9780721685113, Saunders. Provides a comprehensive framework for occupational and environmental health nursing practice. The text presents an overview of the specialty and explores the knowledge, skills, and abilities that are needed to develop and manage occupational health services and programs. Issues that affect the health and safety of individuals in the work force are discussed, with an emphasis on contemporary strategies for improving and protecting the health of workers. Specific topics related to roles in occupational health, occupational health care, research, legal and ethical parameters, and health promotion are also presented.


**Observational exposure assessment tools**, such as dosimeters, checklists, etc., will also be made available depending on topic or worksite.
CE Makeup Courses Enrollment Policy

Fees and Refunds

The SCERC will pay for most or even all of the CE course fees. Several makeup courses are no cost and for others, the students will pay a reduced fee that ranges from $15 to $35. This amount includes the cost of materials and is non-refundable unless the course is cancelled by the SCERC.

Seating Availability

SCERC student enrollment depends on seating availability in the class.

Enrollment Deadline

The enrollment deadline for each in-person course is 10 days before the course start date. The enrollment deadline for each webinar is 3 days before the webinar begins. In the particular case a student needs to enrolled in course during June, he/she needs to directly contact the course director for approval.

Registration Information

Students should call Ani Adzhemyan at 310-206-2304 to enroll in makeup courses, or may send an email to  
erc@ph.ucla.edu.

Requirements for receiving EHS230 course credit

In order to receive credit for any CE course hours towards the EHS230 course students need to:

(1) e-mail Dr. Arias cc Dr. Krause a copy of their CE course registration (before the course starts)

(2) e-mail the course director a certificate of completion of the CE course within a week after they completed the course together with information of the name and duration of the course

To the following e-mail addresses: niklaskrause@ucla.edu and oarias@ucla.edu.

In general, all CE courses must be completed by the finals week in June. However, students may request from the course director an extension of this deadline if necessary. Such requests need to be received by the end of the finals week.
### Webinars

<table>
<thead>
<tr>
<th>Class</th>
<th>Location</th>
<th>Start Date</th>
<th>End Date</th>
<th>Hours</th>
<th>Times</th>
<th>Reduced Fees</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ethics for OHS Professionals, Part 1</td>
<td>Online</td>
<td>04/04/16</td>
<td>-</td>
<td>2</td>
<td>10 – 12 m</td>
<td>$0</td>
</tr>
<tr>
<td>Ethics for OHS Professionals, Part 2</td>
<td>Online</td>
<td>04/07/16</td>
<td>-</td>
<td>2</td>
<td>10 – 12 m</td>
<td>$0</td>
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<tr>
<td>Ergo Online Session 1</td>
<td>Online</td>
<td>01/12/16</td>
<td>-</td>
<td>1</td>
<td>11 – 12 m</td>
<td>$0</td>
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<tr>
<td>Ergo Online Session 2</td>
<td>Online</td>
<td>02/09/16</td>
<td>-</td>
<td>1</td>
<td>11 – 12 m</td>
<td>$0</td>
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<tr>
<td>Ergo Online Session 3</td>
<td>Online</td>
<td>03/08/16</td>
<td>-</td>
<td>1</td>
<td>11 – 12 m</td>
<td>$0</td>
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### In-Person Courses

<table>
<thead>
<tr>
<th>Class</th>
<th>Location</th>
<th>Start Date</th>
<th>End Date</th>
<th>Hours</th>
<th>Times</th>
<th>Reduced Fees</th>
</tr>
</thead>
<tbody>
<tr>
<td>Risk Assessment Strategies</td>
<td>UCLA</td>
<td>3/22/16</td>
<td>3/23/16</td>
<td>16</td>
<td>8am - 5pm</td>
<td>$25</td>
</tr>
<tr>
<td>Heat Illness Prevention</td>
<td>Anaheim</td>
<td>4/11/16</td>
<td>4/11/16</td>
<td>4</td>
<td>8 am – 12 pm</td>
<td>$15</td>
</tr>
<tr>
<td>Lead/Asbestos Awareness</td>
<td>Anaheim</td>
<td>4/11/16</td>
<td>4/11/16</td>
<td>4</td>
<td>1 – 5 pm</td>
<td>$15</td>
</tr>
<tr>
<td>Train-the-Trainer</td>
<td>LA Downtown</td>
<td>6/7/16</td>
<td>6/8/16</td>
<td>16</td>
<td>8am - 5pm</td>
<td>$25</td>
</tr>
<tr>
<td>Heat Illness Prevention</td>
<td>LA Downtown</td>
<td>6/9/16</td>
<td>6/9/16</td>
<td>4</td>
<td>8 am – 12 pm</td>
<td>$15</td>
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<tr>
<td>Lead/Asbestos Awareness</td>
<td>LA Downtown</td>
<td>6/9/16</td>
<td>6/9/16</td>
<td>4</td>
<td>1 – 5 pm</td>
<td>$15</td>
</tr>
<tr>
<td>Office Ergonomics</td>
<td>LA</td>
<td>6/10/16</td>
<td>6/10/16</td>
<td>4</td>
<td>8 am – 12 pm</td>
<td>$15</td>
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</tbody>
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