

EHS 411: Environmental Health Sciences Seminar Series
UCLA Fielding School of Public Health

Fall 2018

Course information:

Time: Thursdays 12:00pm-12:50pm
Location: 43-105A CHS in the UCLA Fielding School of Public Health
Units: 2

Instructor:

Irwin Suffet, PhD
Professor
Environmental Health Sciences
UCLA Fielding School of Public Health
650 Charles E Young Drive, 61-295A CHS
Los Angeles, CA 90095-1772
msuffet@ucla.edu

Course Description:

Each Thursday, an invited UCLA faculty member, student, postdoctoral fellow or external guest speaker provides a 45 minute lecture to introduce students to the various fields, careers and issues in environmental health.

Learning Objectives/ ASPH Competencies:

By attending this seminar series, students will be able to:

| Learning Objectives | ASPH Competencies |
|---|--|
| 1. Identify important current and emerging environmental health issues and topics. | B4. Specify current environmental risk assessment methods. C5. Comprehend basic ethical and legal principles pertaining to the collection, maintenance, use and dissemination of epidemiological data. |
| 2. Define potential educational and career goals in the field of environmental health. | H3. Articulate an achievable mission, set of core values and vision. H4. Engage in dialogue and learning from others to advance public health goals. |
| 3. Demonstrate how principles in environmental health are applied in real life situations and problems. | D3. Describe methods of ensuring community health safety preparedness. E6. Describe the role of social and community factors in both the onset and solution of public health problems. G9. Cite examples of situations where consideration of culture-specific needs resulted in a more effective modification or adaptation of a health intervention. |

Course Grading:

Grading (Pass/No Pass) is based on attendance and class participation. Students are allowed 2 excused absences. If the student is over the allotted number of absences, they must complete a makeup assignment for each absence thereafter. Please make sure to email Ehs411@ph.ucla.edu after missing more than two seminars to obtain a make-up assignment.

Seminar Schedule/Topics:

| | |
|---------------------|---|
| September 27 | Mark Gold, D.Env. Associate Vice Chancellor for Environment and Sustainability, Sustainable LA Grand Challenge "Can the Megacity of Los Angeles Become Sustainable by 2050?" |
| October 4 | Tian Xia, MD PhD Division of Nanomedicine, Department of Medicine, University of California, Los Angeles "Toxic Potential of Engineered Nanomaterials" |
| October 11 | Yifang Zhu, PhD Professor of Environmental Health Sciences and Associate Dean for Academic Programs, UCLA Fielding School of Public Health "Characteristics of Electronic Cigarette Aerosols in the Indoor Environment" |
| October 18 | Xia Yang, PhD UCLA Department of Integrative Biology and Physiology, Molecular Toxicology IDP "Multi-Tissue, Multi-Omics Systems Biology to Understand and Predict Toxicity" |
| October 25 | Michael Collins, PhD Department of Environmental Health Sciences, Molecular Toxicology IDP, Center for Occupational and Environmental Health "The Utilization of the Sea Urchin Gene Regulatory Network to Molecularly Characterize Mammalian Teratogenesis" |
| November 1 | Jeff Bronstein, PhD David Geffen School of Medicine at UCLA, Molecular Toxicology IDP "Environmental Influences of Adverse Outcome Pathways in Parkinson's Disease" |
| November 8 | Jun Yang, PhD UC Davis Department of Entomology and Nematology (Seminar Title To Be Announced) |
| November 15 | Pouran Faghri, MS MD FACSM Professor, Department of Allied Health Sciences, Community Medicine & Health Care and Biomedical Engineering, University of Connecticut; Visiting Scholar UCLA EHS and COEH "The Impact of Workplace Environment on the Obesity Epidemic: The Problem and the Solution" |
| November 29 | To Be Announced |
| December 6 | Mathew Campen, PhD Regents' Professor, Department of Pharmaceutical Sciences, College of Pharmacy, University of Mexico "Assessing Cardiovascular Risk from Arising from Uranium Mines on Tribal Lands" |