

Fall 2019

IE 681-001: System Safety Engineering

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Fall Term – 2019
IE 681

INTERDISCIPLINARY SEMINAR on OCCUPATIONAL SAFETY AND HEALTH

The NY and NJ Education and Research Center (ERC), with support from the National Institute for Occupational Safety and Health (NIOSH), is offering a one-credit interdisciplinary occupational safety and health seminar during the Fall 2019 semester. The course director is Dr. Roberto Lucchini from the Icahn School of Medicine at Mount Sinai. Seminars will be led by faculty affiliated with our ERC partner institutions. (Icahn School of Medicine at Mount Sinai, Hunter College, Rutgers University, New Jersey Institute of Technology, New York University).

Who: Students, residents and fellows from the ERC partner institutions

When: Wednesday, October 9 – Wednesday, December 11, 2019
9:30 a.m. – 11:30 a.m.

Where: NYU Occupational and Industrial Orthopedic Center (OIOC) conference room (Ground Floor)
63 Downing Street
New York, NY 10014
Phone: 212-255-6690

Directions: Downing Street is one block north of the intersection of West Houston and Varick Streets in the West Village. Walk East on the North side of Downing Street, look for purple NYU awning #63. Ring buzzer to enter. Conference room is at end of hallway on the left. By subway: take 1 train to Houston Street station; map and directions are available at <http://oioc.med.nyu.edu/contact-us/maps-and-directions>.

What: In this seminar, students from the NY and NJ ERC programs will participate in health and safety problem-solving discussions as members of interdisciplinary teams of industrial hygienists, occupational medicine physicians and nurses, ergonomists and occupational safety engineering specialists.

Requirements: Students are expected to attend at least six sessions and to participate in class discussions and a team presentation. Grades will be pass/fail, unless otherwise required.

First Class: Wednesday, October 9
No Class: Wednesday, November 27 (Thanksgiving)
Last Class: Wednesday, December 11

Registration: Students who are interested in the seminar are welcome to come to the first class without registering. Those students who have questions should contact their program director or Dr. Roberto Lucchini at Roberto.lucchini@mssm.edu

The NY/NJERC is supported by the National Institute for Occupational Safety and Health through Grant # T42 OH 008422. For more information about our programs, visit our website at <https://rutgerstraining.sph.rutgers.edu/nynjerc/>

Schedule - Fall 2019

**INTERDISCIPLINARY SEMINARS on OCCUPATIONAL
SAFETY AND HEALTH**

Date	Leader	Topic
9 Oct	Max Lum Senior Advisor, Office of the Director National Institute of Occupational Safety & Health- Center for Disease Control See biosketch	The key communication tools: using digital media to deliver our message and move our agenda
16 Oct	Steven Markowitz, MD Professor, Occupational and Environmental Medicine Queens College, Center for the Biology of Natural Systems See biosketch	An epidemiological investigation of bladder cancer in a chemical plant
23 Oct	Brian Pavilonis, PhD, IH Assistant Professor, Environmental, Occupational, and Geospatial Health Sciences CUNY, Graduate School of Public Health & Health Policy See biosketch	Principles of evaluating workers' exposures
30 Oct	Laura Crowley, MD Associate Professor, Internal Medicine Environmental Medicine and Public Health Mount Sinai Hospital See biosketch	The World Trade Center Health Program: integrating epidemiological health surveillance with treatment
6 Nov	Marco Campello, PhD, PT Clinical Associate Professor, Dept of Orthopaedic Surgery Director, Occupational & Industrial Orthopaedic Center NYU Langone Health See biosketch	Ergonomic process in large healthcare organization
13 Nov	Jack Caravanos, Dr.PH Clinical Professor, Environmental Public Health Sciences NYU College of Global Health See biosketch	Global Health Data Visualization Tools
20 Nov	Victoria Vaughan Dickson, FAAN, FAHA, FHFSA, PhD, RN Associate Professor, NYU Rory Meyers College of Nursing Director, Pless Center for Research See biosketch	Organization of Work, Self-Care and Health and Productivity Outcomes among Aging workers with Coronary Heart Disease
27 Nov	NO CLASS- THANKSGIVING	
4 Dec	Roberto Lucchini, MD Professor of Medicine Director, Division of Occupational and Environmental Medicine Icahn School of Medicine at Mount Sinai See biosketch	Why do we study epidemiology in occupational health and safety? Case studies on how interdisciplinary work is needed for prevention
11 Dec	Student teams and Roberto Lucchini	Presentations of students work