

<b>FOURTH YEAR ELECTIVE TITLE</b> <b>ENVIRONMENTAL &amp; OCCUPATIONAL MEDICINE</b>		<b>COURSE NUMBER</b> EOM 9070	<b>LOCATION</b> ENVIRONMENTAL & OCCUPATIONAL HEALTH SCIENCES INSTITUTE
<b>ELECTIVE DIRECTOR</b> IRIS G. UDASIN, MD	<b>ELECTIVE FACULTY</b> Julie Caruth, MD, MPH NANCY FIEDLER, PHD MICHAEL GOCHFELD, MD ROBERT LAUMBACH, MD MICHAEL PRATT, MD IRIS UDASIN, MD	<b>ELECTIVE CONTACT</b> IRIS G. UDASIN, MD RWJMS ENVIRONMENTAL & OCCUPATIONAL MEDICINE EOHSI 112 (P)	<b>CONTACT PHONE/FAX/EMAIL</b> PH. 732-445-6013 FAX 732-445-0127 <a href="mailto:udasin@eohsi.rutgers.edu">udasin@eohsi.rutgers.edu</a> <a href="mailto:mep162@eohsi.rutgers.edu">mep162@eohsi.rutgers.edu</a>
<b>BLOCKS AVAILABLE</b> ALL EXCEPT BLOCKS 1 AND 5	<b>DURATION/WEEKS</b> MIN 2; MAX 8	<b>HOURS PER WEEK</b> 40	<b>STUDENTS</b> MAX 2
<b>LECTURES/SEMINARS</b> YES	<b>OUTPATIENT</b> YES	<b>INPATIENT</b> NO	<b>HOUSESTAFF</b> YES
<b>NIGHT CALL</b> NO	<b>WEEKENDS</b> NO	<b>LAB</b> NO	<b>EXAM REQUIRED</b> NO

**Please contact Dr. Michael Pratt at [pratt@eohsi.rutgers.edu](mailto:pratt@eohsi.rutgers.edu) to reserve a time slot.**

#### **OVERALL EDUCATIONAL GOAL OF ELECTIVE**

Familiarity with clinical problems and research issues in occupational and environmental medicine

#### **OBJECTIVES**

- To provide a clinical experience in the diagnosis, treatment and prevention of diseases caused by or influenced by occupational or environmental conditions
  - To familiarize students with the role of physicians in industry and with occupational health
  - To provide experience in working with industrial hygienists and safety personnel in studying the work place environment and in developing hazard control methods
  - To provide an understanding of the benefits/limitations of pre-placement, periodic and medical surveillance exams
- I. Patient care  
Students to be proficient in obtaining an occupational and environmental history  
Students to develop proficiency in performing appropriate physical examination and diagnostic testing relevant to environmental and occupational exposures
  - II. Medical knowledge  
Students to learn appropriate sources of information to treat occupational and environmental illnesses  
Students to understand preventive strategies to lessen the consequences of exposure
  - III. Practice-based learning and improvement  
Students to understand the interaction between specialists in environmental and occupational medicine as they relate to other disciplines
  - IV. Interpersonal and communication skills  
Students to learn to communicate results of their findings verbally and in writing in order to treat occupational illnesses

- V. Professionalism  
Students to increase their skills in working with patients and to maintain professional standards with both patients as well as clinical staff
  
- VI. Systems-based Practice  
Students to work within the occupational health clinics doing complicated examinations which might specific organ systems

**BRIEF DESCRIPTION OF ACTIVITIES**

Student will spend two-four weeks in a variety of activities which can be tailored according to specific interests: Under the supervision of housestaff, attending physicians and psychologists, students will evaluate patients in the following clinics: medical surveillance, employee health, employee assistance, and occupational medicine consultation. Students will be involved in psychological and behavioral aspects of occupational medicine. They will participate in 3 half-day sessions in the clinic and one at a medical office of a local biotechnology or pharmaceutical company. Equal time will be devoted to researching background material. Students will attend a weekly case conference, journal club and x-ray readings. Students will be involved in an ongoing research project of one of the above listed course faculty, and usually prepare an appropriate presentation/report.

**METHOD OF STUDENT EVALUATION**

Participation in cases, conferences and seminars

**ARE THERE ANY PREREQUISITES FOR THIS ELECTIVE?** Yes, Medicine (if possible, but not required)

**IS THIS ELECTIVE AVAILABLE TO THIRD YEAR MEDICAL STUDENTS AS WELL?** Yes