



## Occupational and Environmental Health Nursing (OEHN)

DEPARTMENT OF COMMUNITY HEALTH SYSTEMS

NATIONALLY-RECOGNIZED GRADUATE PROGRAMS:

### Occupational and Environmental Health Nurse Practitioner Occupational and Environmental Health Specialist



#### *What is Occupational and Environmental Health Nursing?*

OEH Nursing focuses on the prevention and management of illnesses and injuries that result from conditions in the workplace or community. Every day OEH nurses design programs and provide clinical interventions to prevent and manage these disorders effectively.



Numerous, challenging job opportunities await graduates every year. Your career development depends only on your education, experience and entrepreneurial spirit! As an OEH nurse, you can target diverse and interesting career opportunities:

- working in new industries such as biotechnology or computers, or traditional ones such as manufacturing and health care;
- collaborating with multidisciplinary specialists to improve working conditions;
- managing an employee or OEH clinic onsite in industry or in the community;
- designing and implementing health promotion, injury prevention programs;
- identifying effective case management strategies to help workers return to work safely after an injury or illness;
- diagnosing and treating common work related health conditions (OEH-NP).

*Your nursing skills can make a difference for workers, employers and the community.*

Financial support is available through UCSF and the National Institute for Occupational Safety and Health (NIOSH)

**UCSF can help advance your leadership in this rapidly expanding Community Health Specialty.**

#### **Master of Science Degree Options**

All masters' students take coursework in hazard assessment, program planning, OEH nursing roles, research and the management of occupational and environmental health problems. Most students finish the MS program in two academic years and complete a written comprehensive exam or a thesis. Students may apply to extend their program over three years. Students can finish the streamlined program (OEH-MS) in one academic year.

- **Occupational & Environmental Health Nurse Practitioner (OEH-NP):** Focuses on direct patient care, the theory and practice of adult health maintenance, the assessment and management of common ailments facing working adults.
- **Occupational & Environmental Health Specialist (OEH-MS):** Provides a streamlined MS program for those who do not seek NP or CNS specialization, but who seek in-depth course work in occupational and environmental health nursing.
- **Master's Entry Program in Nursing (MEPN):** Applicants who have a bachelor's degree in a field outside of nursing, but are not yet registered nurses, should inquire about our accelerated three year Masters' entry program.

#### **Doctoral Study**

The PhD Program focuses on theory development, design and methodology of research and the specialized knowledge of occupational or environmental health. Each candidate's curriculum is tailored to their individual career goals and past experience in occupational and environmental health. Along with nursing faculty, interdisciplinary faculty of the UC Center for Occupational and Environmental Health provide research opportunities for students through their funded research programs.

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*Healthy workers on a healthy planet.*

**The OEHN Program**  
 is part of the  
**University of California**  
**Northern California Center for**  
**Occupational & Environmental**  
**Health (COEH).**



COEH is committed to interdisciplinary education in occupational and environmental health (with occupational medicine physicians, industrial hygienists, ergonomists, engineers, safety engineers, toxicologists). Opportunities to work with students from different academic programs are available through:

- courses at UCSF and at UC Berkeley
- affiliated occupational health clinics
- student research collaboration/assistantships on faculty research studies
- *A dual degree: MS/MPH may be possible, contact us to discuss!*

**Program Faculty and Research Areas**

**Oisaeng Hong, RN, PhD, OEHN Program Director**  
 Occupational hearing loss & international networks in occupational health nursing

**Barbara Burgel, ANP, MS, COHN-S, FAAN**  
 Case management, low wage workers, psychosocial job factors & workers' compensation

**Rossana Segovia-Bain, RN, MS, ANP, COHN-S**  
 Hospital health and safety, and low wage workers

**Julia Faucett, RN, PhD, FAAN**  
 Prevention & management of musculoskeletal disorders in the work setting

**Marion Gillen, RN, MPH, PhD**  
 Occupational injury control in health care and construction work, effects of workplace injury

**Erika Froelicher, RN, PhD, FAAN**  
 Cardiac rehabilitation, exercise physiology

**Susan Janson, DNSc, RN, ANP, FAAN**  
 Asthma, primary care, pulmonary practice

**Kathryn Lee, RN, DNSc, FAAN**  
 Women's health, sleep & fatigue, shift work

**Mary C. White, RN, MPH, PhD, FAAN**  
 Infection control, forensic systems, tuberculosis surveillance and control

**Course Descriptions**

**N271.06 Management of Clinical Occupational and Environmental Health Problems.** Multi-disciplinary course exploring the evaluation and clinical management of acute and chronic occupational and environmental health problems. Clinical diagnostic strategies and epidemiologic methods are used in evaluation of occupational/environmental health problems, including health hazards evaluations, surveillance and disability evaluation.

**N273A Current Concepts in OEHN.** Course analyzes the role of the Occupational and Environmental Health Nurse within a changing regulatory and fiscal environment. Emphasis is on planning, development, and evaluation of occupational and environmental health programs.

**N273.01 Environment and Health.** An interdisciplinary course providing a broad overview for environmental health issues, including exposure assessment, risk communication, prevention strategies, and environmental health policies, with special attention to childbearing families, children and communities at risk for environmental injustice.

**N273B Issues in Occupational & Environmental Health.** Course focuses on the process and outcomes of developing Federal and State policies and regulations for occupational and environmental health and safety and issues.

**N274A Health & Safety Hazards of the Workplace.** Introduces principles of industrial hygiene & safety for identification of chemical, biologic, physical, ergonomic, safety hazards of work. Students identify environmental monitoring methods, select health surveillance and safety measures, and discuss methods of exposure and injury control.

**N234 Program Development and Management.** Course provides content on program planning and financial analysis. Consideration is given to translating knowledge and skills in a changing health care environment.

**N274C Occupational Safety.** Course emphasizes identification of safety hazards of work; components of an injury/illness prevention program; principles of hazard control and accident investigation; essentials of safety inspections and audits, application of safety inspection methods and ergonomics job analysis.

**N400 Coursework.** OEH-MS students have a concentrated residency in the summer after three quarters of coursework (N404). OEH-NP Students have N404.01 & /or N405 coursework in all quarters of both years. In N400 courses 1 unit hour is equal to three clinical hours per week in addition to seminars.

**M180 Industrial Toxicology.** Understanding basic principles of toxicology related to work environment & workers' health. Emphasis is on chemicals including heavy metals & pesticides, methods of surveillance, principles of acute & chronic toxicity testing.

**BioE C269 Ergonomics (at UC Berkeley).** Principles of ergonomics, including biomechanical basics.

**Application and Program Information**  
 For information about this and other specialties at UCSF School of Nursing, contact:  
**UCSF Nursing Student Affairs**  
**2 Koret Way, #N-319X**  
**San Francisco, CA 94143-0602**  
*Telephone: (415) 476-1435*

**For more information,** telephone Sharon Solorio at (415) 476-1381  
 Or, visit <http://nurseweb.ucsf.edu/www/coeh.htm> and <http://nurseweb.ucsf.edu> (websites). An application is downloadable from <http://nurseweb.ucsf.edu/gateway/download.html>  
 Attend a monthly evening information session; sign up through <http://nurseweb.ucsf.edu/www/infosess.htm>