

The Community Outreach and Education Programs (COEP) serve as a resource for local, national, and international sources of environmental health information. Our goal is to communicate with and educate students, teachers, health care professionals, public officials, and other members of the community. Our programs are based on identified community needs and on issues that mirror our Environmental Health Sciences Center research.

The aims of our COEP programs are; To address the environmental health issues and concerns of our community; To offer information and educational opportunities related to environmental health issues.

COEP PERSONNEL:

Dr Dina Markowitz, Director
Dr. Alice Armstrong, Coordinator
Dr. Bernard Weiss
Dr. William Beckett
Dr. Richard Miller
Joyce Morgan, Administrative Assistant

COEP programs are supported by the National Institute of Environmental Health Sciences grant P30 ES01247

*For additional information,
please contact:*

Dr. Dina Markowitz
(716) 275-3171 Fax (716) 256-2591
[e-mail: dina markowitz@urmc.rochester.edu](mailto:dina.markowitz@urmc.rochester.edu)



Community Outreach and Education Programs (COEP)

ENVIRONMENTAL
HEALTH SCIENCES
CENTER

*Department of
Environmental Medicine*

*University of Rochester
School of Medicine*

Environmental Health Sciences Center
575 Elmwood Avenue
Rochester, New York 14642

COMMUNITY PROGRAMS

The Community Advisory Board

The CAB consists of 17 local groups with interests in environmental health who meet monthly to discuss activities to promote community awareness and understanding of environmental health issues. The CAB also promotes educational programming in the community about preventive measures that individuals can take to reduce their risk of harm associated with environmental problems.

Community Workshops

Each year our Center sponsors a day-long Community Workshop on environmental topics of interest to our community. Past workshop topics have included, asthma, safe drinking water, and lead exposure.

Health Care Professionals

Center faculty provide information regarding their research to the Monroe County Medical Society for publication in their monthly Bulletin. Our faculty also make presentations to the New York State Occupational Health Network Providers on solvent exposure and prevention of occupational illnesses.

Prenatal and Perinatal Program (PEDECS)

PEDECS is an outreach program that provides reliable current information about the risks of environmental, occupational, and therapeutic exposure before and during pregnancy and delivery to help minimize the potential adverse effects in the embryo/fetus/baby. This program is a regional, national, and international teratology information service. For more information contact Dr R.K. Miller, (716) 275-3638.

Senior Outreach

Our new senior outreach initiative is designed to provide critical information to senior groups and organizations through lectures by Center faculty.

Newsletter

"Your Health and the Environment: Upstate New York's Environmental Health and Medical Resource" is a newsletter and internet site that provides information for the general public and health care providers about environmental health concerns.

EDUCATIONAL PROGRAMS



Our science education outreach programs include programs for students, teachers, and curriculum development programs to enhance classroom science curricula. The main objective of our education

programs is to stimulate and sustain an interest in environmental health sciences from the elementary through the high school level.

Science Ambassador Program

This program is a partnership between Center scientists and science teachers from several Rochester City middle schools. Each science teacher accompanies small groups of students on visits to Center research labs. The students learn about the type of research that is being done and they have the opportunity to do various hands-on activities.



Saturday Morning Science Series

This lecture series for high school students and teachers presents 6 lectures each school year by University faculty. These outstanding educators discuss cutting-edge science issues, focusing on environmental health and life science topics. Lectures are followed by discussion, hands-on activities or lab tours.



Summer Science Camp

This 1-week program for children in grades 6-7 allows students to participate in a variety of hands-on science activities. Included in this program is a 2-day "Environmental Health and You" unit that focuses on activities related to water, air, soil and ergonomics.

Summer Science Academy

This 4-week program for high school students and local science teachers emphasizes topics in microbiology, immunology, molecular biology and genetics. The course design of the Summer Science Academy includes laboratory experiments, lectures, bioethics discussion groups, computer workshops, and field trips.

Curriculum Development: Science Activity Kits

We are developing a series of science activity kits, based on curricula developed as part of our summer science programs. Activities from the kits will teach various principles of microbiology, chemistry, and ecology as they relate to environmental health.