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Otis R. Bowen, MD, Secretary



PUBLIC HEALTH SERVICE
Robert E. Windom, MD
Assistant Secretary for Health

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form from the National Technical Information Service.

ARF is produced by the Bureau of Health Professions, Health Resources and Services Administration. ARF provides the most timely, consistent, compatible health-related data available at the county level, and offers flexible analytical capabilities for analysis of the data. The county-unit database has more than 6,000 data elements for

each county, and a State total for Alaska. Certain independent cities have been combined into appropriate counties.

The disk form offered by NTIS has three data series: demographic (35 disks), health professionals (35 disks), and health facilities (41 disks). Each series is available for every county plus aggregates for each State and the United States.

ARF can be ordered formatted in ASCII for the IBM PC and compatible microcomputers. Most States are \$50 per data series. ARF is available on magnetic tape for \$370, order number PB86-237880/KEN. ARF in disk form may be ordered by State from NTIS, Springfield, VA 22161.

EDUCATION NOTES

Training courses in occupational safety and health are given by the National Institute for Occupational Safety and Health (NIOSH) directly or in cooperation with professional organizations or agencies. NIOSH also sponsors Educational Resource Centers in universities throughout the country. Following is a list of courses being offered by those centers in the next few months. Contact the persons specified in the listing about further information such as application deadlines.

HARVARD EDUCATIONAL RESOURCE CENTER

In-Place Filter Testing Workshop, June 15-19, \$1,000.

Planning for Nuclear Emergencies, June 15-19, \$900.

Statistical Planning and Analysis of Clinical Trials, June 23-25, \$600.

Occupational and Environmental Radiation Protection, August 10-14, \$900.

Write or call the Office of Continuing Education, Harvard School of Public Health, 677 Huntington Ave., Boston, MA 02115 (617: 732-1171).

JOHNS HOPKINS EDUCATIONAL RESOURCE CENTER

Toxicology Update '87, June 8-10, \$450.

Intensive Training in Spirometry Testing, June 4-5, \$350.

Control of Biohazards in the Research Laboratory, July 13-17, \$750.

Contact Jacqueline Corn, Department of Environmental Health Sciences, Johns Hopkins School of Hygiene and Public Health, 615 North Wolfe St., Rm. 1101, Baltimore, MD 21205 (301: 955-2609).

NORTH CAROLINA EDUCATIONAL RESOURCE CENTER

Sampling and Evaluation of Airborne Asbestos Dust, June 22-26, \$550.

Fifth Workers Compensation Update, June 11, \$125.

Tenth Annual Occupational Safety and Health Summer Institute, August 17-21, Charleston, SC, 20 courses, \$390 per course.

Contact Ted M. Williams, Occupational Safety and Health Educational Resource Center, UNC-CH, 109 Conner Dr., Suite 1101, Chapel Hill, NC 27514 (919: 962-2101).

CINCINNATI EDUCATIONAL RESOURCE CENTER

Safe Methods of Asbestos Removal, July 14-19, \$425 plus \$50 for examination.

Comprehensive Review for Industrial Hygiene Professionals, August 17-21, \$575.

For further information, contact Kay M. Hayes, Field Service Instructor, Director, Continuing Education, ML 182, University of Cincinnati, 231 Bethesda Ave., Cincinnati, OH 45267 (513: 872-5733).

MICHIGAN EDUCATIONAL RESOURCE CENTER

Occupational Ergonomics, June 15-19, \$750.

Occupational Ergonomics Advanced Workshop, June 22-25, \$650; or \$1,275 for both the workshop and the course.

Microcomputer Applications in Occupational Safety and Health Engineering, July 27-29, \$575.

Contact Randy Rabourn, Director, Continuing Education, Center for Occupational Health Safety Engineering, 1205 Beal, 10E Bldg., University of Michigan, Ann Arbor, MI 48109 (313: 763-0567).

MINNESOTA EDUCATIONAL RESOURCE CENTER

Sampling and Evaluating Airborne Asbestos Dust, June 8-12, \$500.

Workers' Right-to-Know Seminar, June 18, \$50.

Comprehensive Industrial Hygiene Review Course, August 10-14, \$600.

Strategic Planning for Health and Safety Managers, August 19-21, \$500 or \$575 with software package.

Contact Ruth K. McIntyre, Director, Continuing Education, Midwest Center for Occupational Health and Safety, 640 Jackson St., St. Paul, MN 55101 (612: 221-3992).

UTAH EDUCATIONAL RESOURCE CENTER

Industrial Toxicology, May 11-15, \$450.

Practices and Procedures in Asbestos Abatement, June 9-12, Tuscon, AZ; \$325; optional examination, \$50.

Industrial Audiometric Technician's Certification Course, August 13-15, \$325; \$100 for 1-day refresher.

Contact Connie Crandall, Director, Continuing Education, Rocky Mountain Center for Occupational and Environmental Health, Bldg. 512, University of Utah, Salt Lake City, UT 84112 (801: 581-5710).

**SOUTHERN CALIFORNIA
EDUCATIONAL RESOURCE
CENTER**

Industrial Ventilation Fundamentals,
June 16-19, \$675.

**Advanced Application and Design of
Industrial Ventilation**, June 22-25,
\$625.

**Hazard Communication: Worker Train-
ing and Right-to-Know**, June 29-July 1,
\$400.

Video Display Terminal Safety, July
16-17, \$265.

**Training Methods and Techniques in
Occupational Safety and Health: Train-
ing the Trainer**, July 21-23, \$420.

**Workers' Compensation: Your Safety
and Health Balance Sheet**, July 24,
\$160; July 25, \$160.

**Occupational Health Nursing: Basic
Theory and Update**, July 27-31, \$550.

Occupational Respiratory Protection,
August 3-7, \$800.

Back Injury Prevention, August 20-21,
\$280.

**Hazardous Materials: Handling and
Disposal**, August 24-28, \$735.

*Contact the University of Southern
California, Institute of Safety and Sys-
tems Management, Office of Extension*

*and Inservice Programs, University
Park, 3500 S. Figueroa St., Suite 202,
Los Angeles, CA 90089-0021
(213: 743-6523).*

**NORTHERN CALIFORNIA
EDUCATIONAL RESOURCE
CENTER**

**Sampling and Evaluating Airborne As-
bestos Dust**, July 13-17, \$600.

*Contact Lela D. Morris, RN, MPH,
Continuing Education Coordinator,
Northern California Occupational
Health Center, University of California,
2521 Channing Way, Berkeley, CA
94720 (415: 642-5507).*

**WASHINGTON EDUCATIONAL
RESOURCE CENTER**

**Reducing Risks from Environmental
Chemicals through Biotechnology**, July
19-23, cost to be announced.

*Contact Sharon Morris, Continuing
Education Coordinator, Northwest Cen-
ter for Occupational Health and Safety,
Department of Environmental Health,
SC-34, University of Washington, Seat-
tle, WA 98195 (206: 543-1069).*

**NATIONAL INSTITUTE FOR
OCCUPATIONAL SAFETY AND
HEALTH (NIOSH)**

Gas, Vapor, and Particulate Sampling,
June 16-18, \$450.

Introduction to Occupational Safety,
June 22-26, \$450.

**Sampling and Evaluating Airborne As-
bestos Dust**, July 6-10, July 13-17,
\$500.

Occupational Respiratory Protection,
July 20-23, \$500.

Applied Industrial Hygiene, July 27-31,
\$500.

Ionizing Radiation, August 3-7, \$500.

**Industrial Hygiene Laboratory Quality
Control**, August 10-14, \$450.

Industrial Ventilation, August 17-21,
\$500.

**Organization Theory and Program De-
velopment for Occupational Health
Nurse Managers**, August 24-28, \$400.

**Industrial Hygiene Sampling, Decision-
making, Monitoring, and Recordkeep-
ing: Sampling Strategies**, August
31-September 4, \$450.

*For more information about NIOSH
courses, contact Marsha Striley, Train-
ing Registrar, Division of Training, Na-
tional Institute for Occupational Safety
and Health, 4676 Columbia Pkwy, Cin-
cinnati, OH 45226 (513: 533-8225).*

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