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U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
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those respondents who indicated that they would go to a hospital, in retrospect this information might also have been useful to evaluate the effect of health insurance on each of the individual responses. These data were not obtained in this study, but could be considered in future surveys of this type.

In conclusion, it appears that residents of metropolitan Baltimore were far more likely in 1981 to utilize the poison center if faced with a poisoning than they had been in 1975. This increase is supported by a similar increase in the number of poison exposure calls received by the Maryland Poison Center during the same period. In addition, there is a relationship between utilization of the poison center and awareness of Mr. Yuk. Promotion of the Mr. Yuk symbol, a pre-event strategy, may have a positive postevent impact as well.

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Health Promotion Projects for Federal Employees

In 1984, more than 150,000 Federal workers nationwide participated in behavior modification health promotion programs conducted by the Health Resources and Services Administration's Division of Federal Employee Occupational Health (DFEOH).

In all, DFEOH's 160 units presented 3,926 programs on subjects ranging from hypertension to sex education and family planning. That range also represented the span of interest as reflected in the number of participants.

The top six programs, in descending order of participation, included hypertension, smoking, cancer, glaucoma, vision, physical fitness and exercise, and diabetes.

A total of 225 DFEOH occupational health nurses conducted the health promotion programs after 6 months' training that involved classroom instruction and on-the-job experience.

The methods used in presenting the programs were printed materials, individual counseling, audiovisual aids, small groups, speakers, classes-workshops-seminars, and health fairs. They were designed to avoid taking large numbers of employees off the job for long periods of time.

The health fairs were major events involving such community resources as voluntary health associations; medical, nursing, and paramedical schools; Federal and local government agencies; and appropriate private organizations. They thus not only benefited Federal employees but also established a stronger relationship between worksite occupational health and a wide range of community health resources.

One highlight of DFEOH's 1984 activities was the Smoke-Out, in which more than 12,500 Federal workers participated with a quit rate of 6 percent (723). During the event, DFEOH units, using American Cancer Society procedures and materials, distributed questionnaires, posters, flyers, pamphlets, certificates, films, and buttons.

Some units conducted followup smoking cessation clinics for longer-lasting results. Many utilized community resources and enlisted local media in the effort.

All DFEOH programs were based on expressed employee needs. Offices of personnel requested such programs as "Stress, Burnout, and Mental Health at the Workplace." Female employees asked for programs on premenstrual syndrome and self-protection; male workers expressed interest in testicular and prostate cancer,

physical fitness, and sports injury programs.

Programs also had a geographic basis. In Alaska during cold, dark winter months there is a need for indoor exercise and obesity avoidance. In California, employees were urged to attend classes on disaster preparedness in earthquakes, floods, and fires.

Other programs were focused on specific age groups. Young workers in San Francisco were counseled on sexually transmitted diseases. In Seattle, a program was conducted on aging, touching on cancer, osteoporosis, atherosclerosis, decreased libido, and Alzheimer's disease.

Some programs dealt with on-the-job hazards: hearing protection at printing facilities in Washington, DC; foot and back problems in Maryland and Missouri warehouses; and the use of word processing equipment at many locations.

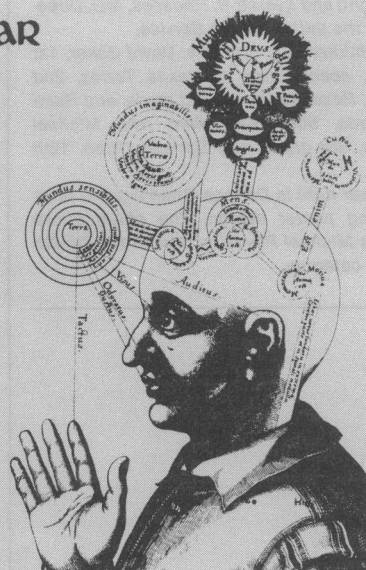
And some were relevant everywhere: "Holiday Blues," "Hypothermia," "Managing Credit—Are You Headed for a Problem?"

—ROBERT H. BRADFORD, Health Educator, Division of Federal Employee Occupational Health, Bureau of Health Care and Delivery Assistance, Health Resources and Services Administration, Public Health Service

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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. For further information such as application deadlines, contact the persons specified in the listing.

HARVARD EDUCATIONAL RESOURCE CENTER

Planning for Nuclear Emergencies, June 10-14, \$800.

In-place Filter Testing Workshop, June 10-14, \$1,000 (includes laboratory fee).

Environmental Radiation Surveillance, July 15-19, \$800.

Safety: Health and Ventilation Issues in the Laboratory, June 25-27, \$500.

Certification of Biological Safety Cabinets, July 22-27, \$1,000 (includes laboratory fee).

Clean Room Technology, August 6-8, \$500.

Occupational and Environmental Radiation Protection, August 19-23, \$800.

Risk Analysis and Environmental Health—with Emphasis on Carcinogenesis, September 9-11, \$500.

For information, write or call the Office of Continuing Education, Harvard School of Public Health, 677 Huntington Ave., Boston, MA 02115-9957 (617: 732-1171).

NEW YORK-NEW JERSEY EDUCATIONAL RESOURCE CENTER

Occupational Safety and Health in Health Care Institutions, June 5, \$100.

Safety and Health for Hazardous Waste Site Personnel, June 10-12, free except for \$30 food charge.

Training/Certification in Hearing Conservation, September 18-19, \$300.

NIOSH-Approved Spirometry Training, July 16-18, \$365.

Write or call Ms. Lee Laustsen, Program Coordinator for Occupational Nursing and Medicine, Office of Consumer Health Education, University of Medicine and Dentistry of New Jersey, Rutgers Medical School, Piscataway, NJ 08854 (201: 463-4500).

JOHNS HOPKINS EDUCATIONAL RESOURCE CENTER

Intensive Training in Spirometry Testing, June 13-14, \$350.

Toxicology Update '85, June 17-19, \$450.

Control of Biohazards in the Research Laboratory, July 15-19, \$700.

Contact Dr. Jacqueline Corn, Department of Environmental Health Sciences, Johns Hopkins University, 615 North Wolfe St., Baltimore, MD 21205 (301: 955-2609).

NORTH CAROLINA EDUCATIONAL RESOURCE CENTER

Worker's Compensation, June 6, \$100.

Summer Institute in Occupational Safety and Health; 10 courses offered during the week of July 29-31 and 11 during the week of July 31-August 2. Tuition is \$390 per course except for Sampling and Evaluating Airborne Asbestos Dust, which will be \$550.

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

ALABAMA EDUCATIONAL RESOURCE CENTER

Ergonomics and Occupational Safety, July 30-31, cost unavailable at press time.

Contact Toni Watson, University of Alabama School of Public Health, University Station, Box 99, Birmingham, AL 35294 (205: 934-3263).

CINCINNATI EDUCATIONAL RESOURCE CENTER

Comprehensive Review for Industrial Hygiene Professionals, course 1060, August 5-9, \$525.

Safe Handling of Chemicals in the Laboratory, course 6002, August 14, \$45.

Occupational Hazard Communication, course 1100, August 19-20, \$250.

Risk Assessment, course 6005, September 11-12, \$275.

Pulmonary Function Testing, course 4050 (NIOSH 010), September 25-27, \$340.

For information, contact Grace K. Lemasters, PhD, Director, Continuing Education, ML 182, University of Cincinnati, 231 Bethesda Ave., Cincinnati, OH 45267-0182 (513: 872-5733).

Miniresidency in Occupational Medicine for Physicians, June 10-21, 1985, October 21-25, 1985, and March 17-21, 1986; the 1-week segments may be taken in successive years if program is not completed in 1 year. Open to all physicians. Tuition for 2-week segment is \$1,200 and for each 1-week segment, \$600; tuition is due June 10, 1985.

Contact Sidney Lerner, MD, College of Medicine, ML 182, University of Cincinnati, Cincinnati, OH 45267 (513: 872-4043).

ILLINOIS EDUCATIONAL RESOURCE CENTER

Review Course in Preventive and Occupational Medicine, June 17-20, \$475.

For information, contact Susanne J. Klein, Director of Programs in Continuing Education, University of Illinois at Chicago, Great Lakes Center for Occupational Safety and Health, P.O. Box 6998, Chicago, IL 60680 (312: 996-0807).

MICHIGAN EDUCATIONAL RESOURCE CENTER

Occupational Ergonomics, June 3-7, \$725.

Advanced Concepts in Ergonomics, June 10-12, \$575 (both the basic and advanced ergonomics courses are available for \$1,100).

Microcomputer Applications in Industrial Hygiene and Safety Engineering, June 17-18, \$350.

Contact Leslie Gallay, Director, Continuing Education, Center for Occupational Health and Safety Engineering, 1205 Beal, the University of Michigan, Ann Arbor, MI 48109 (313: 763-0567).

MINNESOTA EDUCATIONAL RESOURCE CENTER

Comprehensive Industrial Hygiene Review Course, August 12-16, \$600.

Sampling and Evaluating Airborne Asbestos Dust, June 10-14, \$450.

Third Annual Graduate Occupational Health and Safety Institute, September 9-20. Ten individual graduate level courses to be held over the 2-week period; \$450 for first course and \$150 for each subsequent course.

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

Grand Rounds, held quarterly throughout 1985, no charge.

Contact Dr. Roger Luckmann, *Occupational Medicine Section, St. Paul-Ramsey Medical Center, 640 Jackson St., St. Paul, MN 55101 (612: 221-3771)*.

UTAH EDUCATIONAL RESOURCE CENTER

Ergonomics in the Workplace: Back Injury Prevention and Control, to be held June 12 in Salt Lake City, \$50.

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

NORTHERN CALIFORNIA EDUCATIONAL RESOURCE CENTER

Industrial Ventilation, June 3-7, cost unavailable at press time.

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)*.

Fourth Annual Occupational Medicine Symposium, June 6-7, \$125 for medical doctors, \$75 for nonmedical doctors, and \$25 for students.

For information, contact Marc Schenker, MD, *Program Director, Occupational and Environmental Health Unit, Department of Internal Medicine, T.B. #136, University of California, Davis, CA 95616 (916: 752-3317)*.

SOUTHERN CALIFORNIA EDUCATIONAL RESOURCE CENTER

Occupational Respiratory Protection, July 15-19, \$750.

Sampling and Evaluating Airborne Asbestos Dust, July 22-26, \$675.

Ergonomics, August 1-2, \$375.

Legal Aspects of Occupational Safety and Health, August 8-9, \$375.

Management and Administrative Skills for the Occupational Health Professional, August 12-16, \$675.

Recognition of Accident Potential in the Workplace Due to Human Factors, August 5-7, \$425.

Recognition of Occupational Health Hazards, August 19-23, \$675.

Behavioral Science: a New Approach to Accident Prevention, September 4-5, \$375.

Hazardous Materials: Handling and Disposal, September 9-13, \$675.

Contact Joan Brown, *University of California, Southern Occupational Health Center, 19722 MacArthur Boulevard, Irvine, CA 92717 (714: 856-1064)*.

Industrial Ventilation Fundamentals, June 10-14, \$650.

Meeting Your Responsibility for Worker Training and Right to Know, June 24-26, \$400.

Contact Richard K. Brown, PhD, *Associate Executive Director for Extension and In-Service Programs, University of Southern California, Institute of Safety and Systems Management, Extension and In-Service Programs, University Park, MC 0021, Los Angeles, CA 90089-0021 (213: 743-6523)*.

WASHINGTON EDUCATIONAL RESOURCE CENTER

Risks and Benefits of Risk Assessment in Occupational and Environmental Health, June 11-12, \$250.

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

NATIONAL INSTITUTE FOR OCCUPATIONAL SAFETY AND HEALTH (NIOSH)

Sampling and Evaluating Airborne Asbestos Dust, NIOSH 582, to be held July 8-12 and again July 15-19 in Cincinnati, \$420.

Occupational Respiratory Protection, NIOSH 593, to be held July 22-25 in Cincinnati, \$420.

Ionizing Radiation, NIOSH 584, to be held August 5-9 in Cincinnati, \$420.

Industrial Hygiene Measurements, NIOSH 550, to be held September 9-19 in Cincinnati, \$760.

For further information, write or call Donna Welage, *Training Registrar, Division of Training, National Institute for Occupational Safety and Health, 4676 Columbia Parkway, Cincinnati, OH 45226 (513: 684-8225)*.

Industrial Hygiene Laboratory Quality Control, NIOSH 587, to be held August 26-30 in Cincinnati, \$360.

Contact Thomas Ratliff, *R & R Associates, P.O. Box 46181, Cincinnati, OH 45246 (513: 771-2490)*.

Industrial Hygiene Sampling, Decision-making, Monitoring, and Recordkeeping: Sampling Strategies, NIOSH 553, to be held September 9-13 in Cincinnati, \$420.

Industrial Ventilation, NIOSH 588, to be held August 19-23 in Cincinnati, \$420.

Contact Charles M. Nenadic, *CES, P.O. Box 75120, Cincinnati, OH 45275 (606: 341-8874)*.

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