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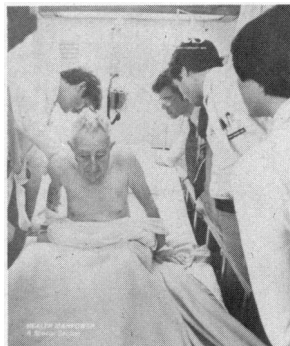
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Cover: Medical students at the Beth Israel Hospital in Boston receive geriatric education. Such education is becoming increasingly important—in the year 2000, it is predicted that 12 percent of the U.S. population will be age 65 or over. The needs in geriatric education are discussed on pages 73–79. (Photos by Joel Freid for the National Institute on Aging.)



education notes

Seminars on operation, control, and management of activated sludge plants treating industrial wastewaters. Implementation of the Water Pollution Control Act Amendments of 1972 requires operation of the "Best Practical Technology" for the treatment of wastewaters by July 1, 1977. To meet stringent effluent criteria, good operational control of biological wastewater treatment facilities is essential. Therefore the Environmental and Water Resources Engineering Program and the Center for Environmental Quality Management of Vanderbilt University are sponsoring seminars to develop operational procedures and control methodology for biological wastewater treatment of industrial wastewaters. Operational procedures for sludge handling processes will also be presented.

Four seminars will be held: February 7-9, Houston, Tex.; March 6-8, Chicago; April 17-19, San Francisco; and May 8-10, New York City. Further information may be obtained from Prof. W. W. Eckenfelder, Jr., Vanderbilt University, Box 6222, Sta. B., Nashville, Tenn. 37235.

Ten-day teaching seminar on cardiovascular epidemiology and prevention. The Council on Epidemiology and Prevention of the International Society and Federation of Cardiology is sponsoring its 12th teaching seminar on cardiovascular epidemiology and prevention, to be held in Stirling, Scotland, August 26-September 7, 1979. The meeting is being held in association with the World Health Organization and local hosts.

Approximately 30 Fellows can be accepted. Final selection will be made

by the Council's seminar committee. Nominees normally should be at the postgraduate level, have some residency training or its equivalent, and have an interest in cardiovascular disease epidemiology. Fluency in English is absolutely essential.

Except in unusual circumstances, preference will be given to younger candidates who have little or no formal training in epidemiology. Partial assistance with travel costs may be available for the Fellows accepted. Room and board are free.

The deadline for applications is April 1, 1979. Applications, including a letter of nomination by the chief of the department or institution, a personal letter of application from the nominee, and the applicant's curriculum vitae, should be sent to Jeremiah Stamler, MD, Council on Epidemiology and Prevention, International Society and Federation of Cardiology, 303 East Chicago Ave., Rm. 1-615, Chicago, Ill. 60611.

Management of infectious diseases. The Departments of Pediatrics, Pathology and Internal Medicine and the Office of Continuing Medical Education at the University of Arizona College of Medicine are sponsoring a course in "Strategies in the Management of Infectious Diseases, 1979," March 16-17, 1979. In it the principles of use of current antimicrobial agents will be reviewed and integrated into discussions of the overall management of specific infectious disease conditions, including the physiological and immunological host factors that may complicate treatment. The syllabus for the course will be the pocket-sized "Manual of Antimicrobial Therapy and Infectious Diseases," prepared by the faculty as a

continuing reference for primary care physicians.

Participants in the course can earn 13 hours, AMA category I. The tuition is \$110 for medical doctors and doctors of osteopathy and \$75 for residents.

Further information may be obtained from Office of Continuing Medical Education, Attn.: Candyce Patterson, Arizona Health Sciences Center, Tucson, Ariz. 85724, or telephone (602) 626-6173.

Air pollution training courses. The Environmental Protection Agency, Air Pollution Institute, Research Triangle Park, N.C., is conducting a broad spectrum of air pollution courses. They range from orientation level courses for personnel with little or no experience to highly technical courses to meet the needs of the more experienced air pollution control personnel.

The courses have now been scheduled through September 30, 1979. The institutions involved in conducting the courses are the New England Consortium on Environmental Protection, Boston College, Weston, Mass.; University of Texas, Austin; University of Cincinnati, Cincinnati, Ohio; University of California, Davis; Rutgers University, New Brunswick, N.J.; University of Washington, Seattle; University of Florida, Gainesville; and Illinois Institute of Technology, Chicago.

The Chronological Schedule of Air Pollution Training Courses, October 1978 Through September 1979 and other information may be obtained by writing Registrar, Air Pollution Training Institute, U.S. Environmental Protection Agency, MD-20, Research Triangle Park, N.C. 27711.

publications

FEDERAL

Experiments in Interviewing Techniques: Field Experiments in Health Reporting, 1971-77. *DHEW Publication No. (HRA) 78-3204*. November 1977; 447 pages.

Descriptive Study of Medical School Applicants 1976-77. Final report. By Travis L. Gordon. *DHEW Publication No. (HRA) 78-80*. December 1977; 55 pages.

Institutional Characteristics of U.S. Medical Schools, 1975-1976. Final Report. By Gerlandino Agro, William Hilles, Michael McShane, Joseph Rosenthal, and Cynthia Scott. *DHEW Publication No. (HRA) 78-79*. May 1978; 207 pages.

State Programs Supporting Health Manpower Training: An Inventory. Volume 2. Methodology. *DHEW Publication No. (HRA) 78-35*. 1978; 179 pages.

Métodos Anticonceptivos En La Planificación Familiar. *DHEW Publication No. (HSA) 78-5605*. 1978; leaflet.

Newborn Screening for Genetic-Metabolic Diseases. Progress, Principles, and Recommendations. By Neil A. Holtzman. *DHEW Publication No. (HSA) 78-5207*. Reprinted 1978; 22 pages.

Advocacy for Head Start and Children's Dental Health. Report of a workshop conducted by National Dental Association,

Chicago, Illinois, June 22-24, 1977. *DHEW Publication No. (HSA) 78-5219*. 1978; 50 pages.

Inpatient Utilization of Short-Stay Hospitals, by Diagnosis, United States, 1975. *DHEW Publication No. (PHS) 78-1786, Series 13, No. 35*. April 1978; 72 pages.

Ambulatory Care Utilization Patterns of Children and Young Adults: National Ambulatory Medical Care Survey, United States, January-December 1975. *DHEW Publication No. (PHS) 78-1790, Series 13, No. 39*. August 1978; 43 pages.

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WORLD HEALTH ORGANIZATION

Epidemiology, Etiology, and Prevention of Periodontal Diseases. Report of a WHO Scientific Group. *WHO Technical Report Series No. 621*. 1978; 60 pages; \$3 (ISBN 92 4 120621 7); Geneva. (French and Spanish editions in preparation.)

The Promotion and Development of Traditional Medicine. Report of a WHO meeting. *WHO Technical Report Series No. 622*. 1978; 41 pages; \$2.50 (ISBN 92 4 120622 5); Geneva. (French and Spanish editions in preparation.)

The Management of Nutritional Emergencies in Large Populations. By C. De Ville De Goyet, J. Seaman, and U. Geijer. 1978; 98 pages; \$8 (ISBN 92 4 154131 8); Geneva. (French edition in preparation.)

Habitual Physical Activity and Health. By K. Lange Andersen, R. Masironi, J. Rutenfranz, and V. Seliger in collaboration with S. Degré, K. Trygg, and M. Orgim. *WHO Regional Publications, European Series No. 6*. 1978; 188 pages; \$12.50 (ISBN 92 9020 106 1); WHO Regional Office for Europe, Copenhagen.

Field Guide to the Detection and Control of Zerophthalmia. By A. Sommer. 1978; 47 pages; \$5 (ISBN 92 4 154127 X); Geneva. (French and Spanish editions available; Russian edition in preparation.)

Health Manpower Planning: Principles, Methods, Issues. Edited by T. L. Hall and A. Mejia. 1978; 313 pages (ISBN 92 4 154130 X); Geneva; (French and Spanish editions in preparation.)

Personnel for Health Care: Case Studies of Educational Programmes. *Public Health Papers No. 70*. Edited by F. M. Katz and T. Fülöp. 1978; 260 pages; \$10.50 (ISBN 92 4 130070 1); Geneva; (French and Spanish editions in preparation.)

WHO publications may be obtained from WHO Publications Centre USA, 49 Sheridan Ave., Albany, N.Y. 12210.

NON-FEDERAL

Social Medicine. The Advance of Organized Health Services in America. Springer Series on Health Care and Society, Volume 3. By Milton I. Roemer. 1978; 560 pages; \$29. Springer Publishing Company, 200 Park Ave. South, New York, N.Y. 10003.

Systems of Health Care. By Douglas R. Mackintosh. 1978; 326 pages; \$22, paperback \$11.25. Westview Press, 5500 Central Ave., Boulder, Colo. 80301.

Health Hazard Appraisal. Clues for a Healthier Lifestyle. By Lydia Ratcliff. Public Affairs Pamphlet No. 558. June 1978; 28 pages; 50 cents. Public Affairs Pamphlets, 381 Park Ave. South, New York, N.Y. 10016.

Partners in Coping. Groups for Self and Mutual Health. By Elizabeth Ogg. Public Affairs Pamphlets No. 559. June 1978; 28 pages; 50 cents. Public Affairs Pamphlets, 381 Park Ave. South, New York, N.Y. 10016.

Home Health Care. When a Patient Leaves the Hospital. By Theodore Irwin. Public Affairs Pamphlet No. 560. July 1978; 28 pages; 50 cents. Public Affairs Pamphlets, 381 Park Ave. South, New York, N.Y. 10016.

Nutritional Labeling. How It Can Work for You. A guide to learning and understanding the science and the law of nutrition labeling. The National Nutrition Consortium, Inc., with Ronald

M. Deutsch. 1978; 134 pages. The National Nutrition Consortium, Inc., 9650 Rockville Pike, Bethesda, Md. 20014.

Important Facts About Venereal Disease. R-46. August 1978; 10 pages. The American College of Obstetricians and Gynecologists, Suite 2700, 1 East Wacker Dr., Chicago, Ill. 60611.

A Prospectus for a National Home Care Policy. 1978; 8 pages. National League for Nursing, 10 Columbus Circle, New York, N.Y. 10019.

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